12/7/17 X Permit Number Assigned to Application 2017-12-28 08:29:53

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Kansas Corporation Commission Form U-1
/s/ Lynn M. Retz
Form must be Tyned

Form must be Signed All blanks must be Filled

18-CONS-3255-CUIC

APPLICATION FOR INJECTION WELL

Disposal		Permit Number: Pending	NEW E-32,585 3	-7KV						
Enhanced Recovery: Repressuring		API Number: 15-059-2	27153-00-00							
✓ Waterflood		Well Location								
Tertiary		<u>SE</u> - <u>SE</u> - <u>SW</u> Sec. 2	Twp. 16 S. R. 20 ✓ E	\square w						
Date: September 18 2017			_feet from N / V S Line of							
Operator License Number: 5682	Evn. no lentra		_ feet from ✓ E / W Line of	Section						
Operator License Number:	• • • • • • • • • • • • • • • • • • • •	GPS Location: Lat:	, Long:							
Operator.		Datum: NAD27 NAD83 NAD83								
Address: 122 Main		Lease Description: SW/4 of the Sec.2 Twp.16S R.20E								
Wellsville, KS 66092		W Brooks	I-1							
CC: Les Baker		Leic	Well Number:							
		Field Name: Leloup Franklin								
Contact Person: Clay Hughes	Roger A. Hughes	County.								
Phone: 785-883-2235	, <u>, , , , , , , , , , , , , , , , , , </u>	Deepest Usable Water Formation: Squirrel								
NΔ		Portriation.								
Email:		Depth to Bottom of Formation:	KCC WI	CHITA						
Check One: Old Well Being Converte	ed Newly Drilled Well	Well to be Drilled	SEP 28	2017						
Surface Elevation: feet We	Name and a second									
			RECE	IVED						
Datum of top of injection formation: Injection Formation Description:	teet (reference mean	sea level)								
Name	top / bottom	perf / open hole	depth							
Squirrel	725 / 730	perf at	725 to 730	_ feet						
		at	to	_ feet						
List of Wells/Facilities Supplying Produ	iced Saltwater or Other Fluids									
(attach additional sheets if necessary)										
Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location							
1. Hughes Drilling	W. Broers Lease	Sec.2 Twp.16 R.20E	See Attached							
2	1									
3										
Producing Formation	Strata Depth	Total Dissolved	Solids (if available)							
Squirrel	to feet			mg/l						
2	to feet			mg/l						
3	to feet			mg/l						
Maximum Requested Liquid Injection Rate:	100 bbls / day; or			myr						
		2ac								
Maximum Requested Gas Injection Rate:	600	Gas:								
Maximum Requested Injection Pressure:	psig									

Well Completion

Type:	Tubing & Packer	Packerless	Tubingless

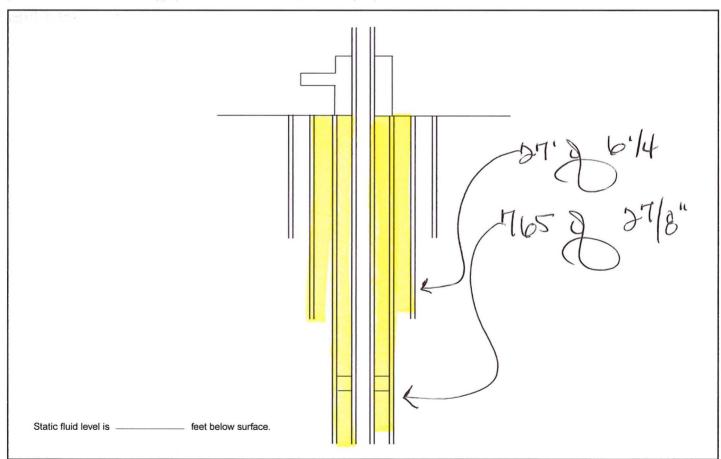
	Conductor	Surface	Intermediate	Production	Tubing
Size		6 1/4		2 7/8	
Setting Depth		27		765	
Amount of Cement		12		101	
Top of Cement		0		0	
Bottom of Cement		27		101	

If Alte	ernate II	cementina.	complete	the	following:

Perforations / D.V. Tool at	feet, cemented to	feet with	SX.
Tubing: Type		Grade	
Packer: Type	,	Depth	
Annulus Corrosion Inhibitor: Type		Concentration	
List Logs Enclosed:			

Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



Well Inventory According to the KCC Hughes Drilling Co, a General Partnership

Lease Name	Well No.	API Number	Year Drilled	Year Assumed R. Depth	County	Sec	Twp	Rge	Dir	Q4	Q3	Q2	Q1	Feet N-S N-S	Feet E-W E-W	Wel	l`Well	Oil Lease (Gas Lease ()	atitude	Longitude Datum	
BROERS	1	15-059-23895-0000			780 Franklin	2	16	20	Ε		SE	SE	SW	165 S	2830 E	OIL	PR	123745			
BROERS	2	15-059-23900-0000			789 Franklin	2	16	20	E		SE	SE	SW	166 S	3230 E	OIL	PR	123745			
BROERS	3	15-059-23905-0000			771 Franklin	2	16	20	E		NE	SE	SW	995 S	2830 E	OIL	PR	123745			
BROERS	4	15-059-23908-0000			767 Franklin	2	16	20	Ε		SE	NE	SW	1365 S	2830 E	OIL	PR	123745			
BROERS	5	15-059-24227-0000	1987		770 Franklin	2	16	20	Ε		SW	NE	SW	1400 S	3320 E	OIL	PR	123745			
BROERS	6	15-059-24228-0000	1987	•	779 Franklin	2	16	20	E		NW	SE	SW	1030 S	3320 E	OIL	PR	123745			
BROERS	7	15-059-24275-0000	1987	•	886 Franklin	2	16	20	E		NE	SE	SE	1230 S	360 E	OIL	PR	123745	28	0	
BROERS	8	15-059-24276-0000			700 Franklin	2	16	20	E		SE	NE	SE	1790 S	360 E	OIL	PR	123745	=		
BROERS	9	15-059-24285-0000	1987	•	786 Franklin	2	16	20	E		NW	SW	SW	795 S	5205 E	OIL	PR	123745	<u> </u>		
W. BROERS	10	15-059-26798-0000	2014		740 Franklin	2	16	20	Ε	NE	SW	NE	SW	1885 S	3320 E	OIL	PR		بالب		
W. BROERS	13	15-059-26801-0000	2014		730 Franklin	2	16	20	Ε	NW	SW	NE	SW	1885 S	3720 E	OIL	PR		<u> </u>	2 00 円	
W. BROERS	14	15-059-26802-0000	2014		800 Franklin	2	16	20	Ε	SW	SW	NE	SW	1485 S	3720 E	OIL	PR		Z	•	
W. BROERS	15	15-059-26803-0000	2014	ļ	800 Franklin	2	16	20	E	NW	NW	SE	SW	1085 S	3720 E	OIL	PR		7		
																			(公路に	
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Page Three Form U-1 November 2011 Offset Operators, Unleased Mineral Owners and Landowners acreage (Attach additional sheets if necessary) Name: Legal Description of Leasehold: See Attached I hereby certify that the statements made herein are true and correct to the best of / knowledge and belief September Subscribed and sworn before me this day of **Amy Burnett** Notary Public **Notary Public** SEP 28 2017 State of Kansas My Commission Expires: My Appt, Exp: 11-3-19 RECEIVED

Instructions:

- 1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
- 2. Attach some type of log (drillers log, electric log, etc.).
- 3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (Cement ticket and job log, bond log, etc.)
- 4. Attach Affidavit of Notice.
- 5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (if any) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
- 6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
- 7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
- 8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. *No injection well may be used without prior written authorization.*
- 9. All application fees must accompany the application.

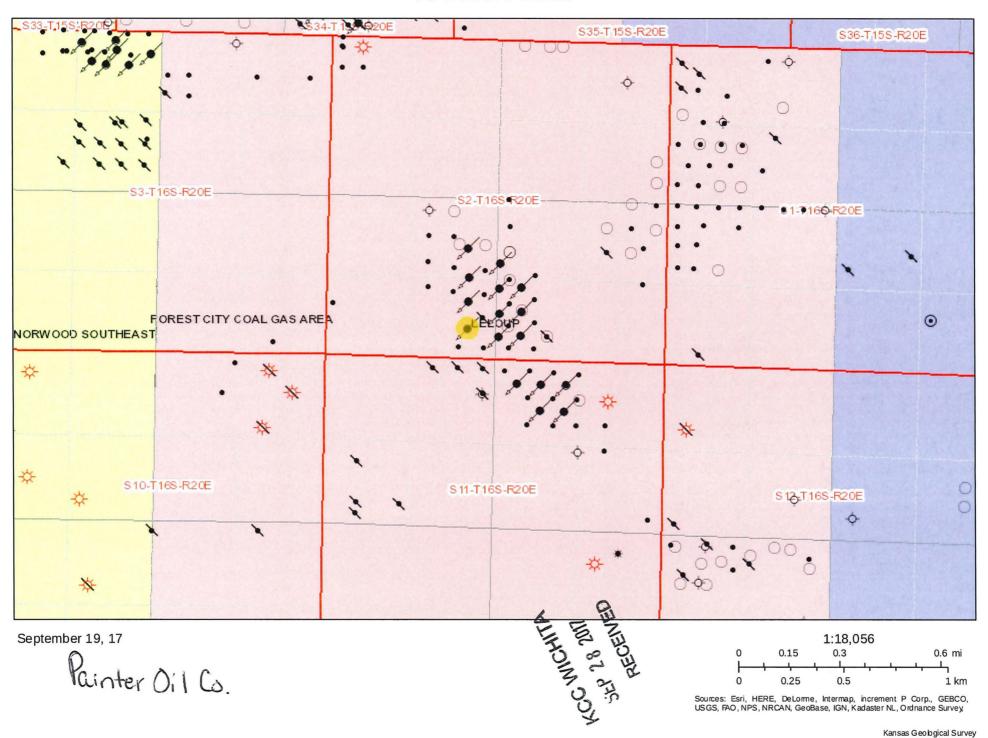
Operator: Hu	ghes Drilling (Co, a Genral Partne	rship Loca	ation of Well:	SE SE	SW/4 of	the Sec.	2 Twp.16S R.20E
Lease:	W. Broers		45	8			feet fro	m N / S Line of Section
Well Number: _	I-1		30	88			feet fro	m ✓ E / W Line of Section
County:	Franklin		Sec.	2	Twp	16	S. R	20 🗸 East 🗌 West
Plat								
		pplicant injection well, all p neral rights owners, well nu					lls within a c	ne-half mile radius, all lease boundar
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						:		
			<u> </u>		•			
		applicant well 🛕	producing we	•	plugged	l injection w	rell 🜋	
		D & A well +	other injection	n well 🛕	tempora	ary abando	ned well	•
		plugged producer	water supply	well 💂				
The undersigned	d hereby certifies t	that he / she is a duly auth	orized agent for	Lidie	1 L	erthi	er/	, and that all of the information
		d correct to the best of his	4	1)3.	(<	1	10	
				Tul		M	tu	<u></u>
				icant or Duly	nla		Septemb	er 2017
		Subso	cribed and sworn bef	ore me this _	1	lay of	Copionib	2011

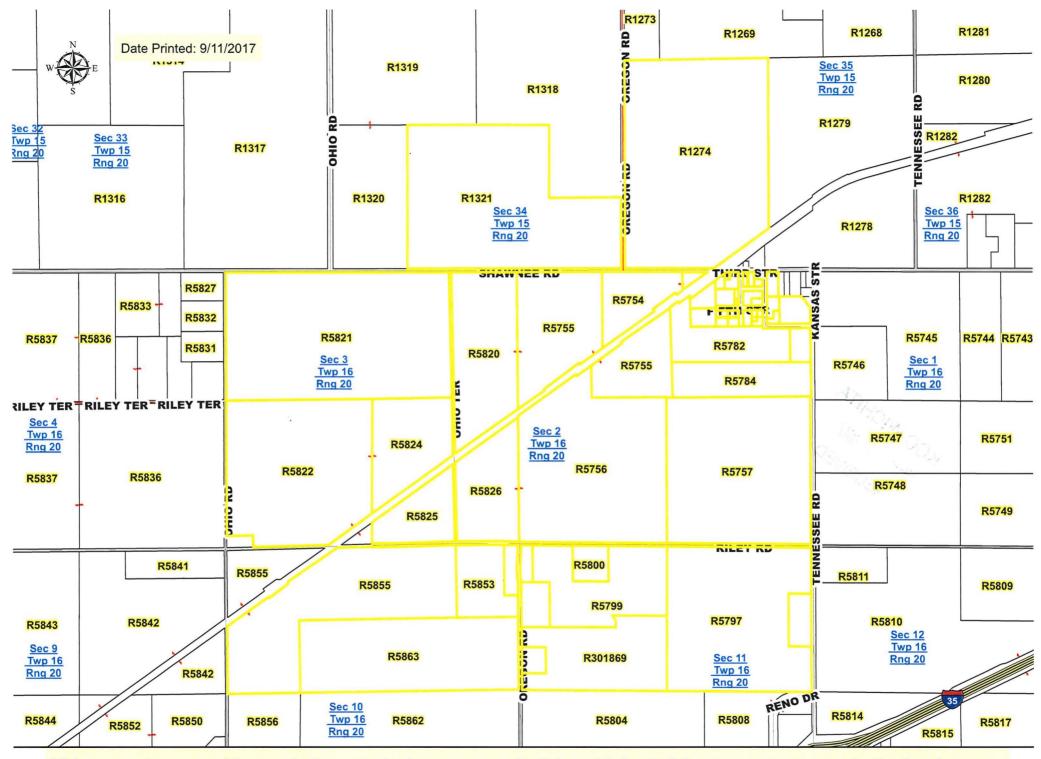
Amy Burnett
Notary Public
State of Kansas
My Appt. Exp: 11-3-14

Notary Public

My Commission Expires: _

W. Broers Leas





This property ownership map is for appraisal purposes only. It is not intended for conveyances, nor is it a legal survey.

Page Five Form U-1 November 2011 Affidavit of Notice Served Hughes Drilling Co, a General Partnership Application for: Re: W. Broers I-1 SE SE SW/4 of the Sec.2 Twp.16S R.20E Well Name: Legal Location: September The undersigned hereby certificates that he / she is a duly authorized agent for the applicant, and that on the day , a true and correct copy of the application referenced above was delivered or mailed to the following parties: Note: A copy of this affidavit must be served as a part of the application. Address (Attach additional sheets if necessary) See Attached KCC WICHITA SEP 28 2017 RECEIVED I further attest that notice of the filing of this application was published in the Franklin county. A copy of the affidavit of this publication is attached. September 2017 Signed this

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

Notary Public

My Commission Expires:

Applicant or Duly A

Subscribed and sworn to before me this

Amy Burnett Notary Public

State of Kansas

My Appt. Exp: <u>11−3</u>−

thorized Agent

Hughes Drilling Co, a General Partnership

Affidavit of Notice Served

Application for:

Re:

Well Name:W. Broers I-2	Legal Location: NE SE SW/4 of the Sec.2 Twp.16S R.20E
The undersigned hereby certificates that he / she is a duly authorized agent for the	applicant, and that on the day 26 of September
, a true and correct copy of the application referenced above	
Note: A copy of this affidavit must be served as a part of the application.	
Name	Address (Attach additional sheets if necessary)
See Attached	
	KCC WICHIT
	SEP 2 8 2017
(1)	RECEIVED
((Harris Horald
I further attest that notice of the filing of this application was published in the	, the official county publication
of Franklin cour	ty. A copy of the affidavit of this publication is attached.
Signed this 26 day of September , 201	710
	Kun Salu
Applic	ant or Duly Authorized Agent
Subscribed and sworn to before	1110
Amy Burnett	1211
Notary Public	Public DUV Mult
State of Kansas	mmission Expires: W-3-19

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Re: Application for: Hughes Drilling Co, a General Partnership Well Name: W. Broers I-3 Legal Location: NE SE SW/4 of the Sec.2 Twp.16S R.20E The undersigned hereby certificates that he / she is a duly authorized agent for the applicant, and that on the day of September 2017, a true and correct copy of the application referenced above was delivered or mailed to the following parties: Note: A copy of this affidavit must be served as a part of the application. Name Address (Attach additional sheets if necessary) See Attached

SEP 2 8 2017

			RECEIVED
I further attest that		g of this application was published ir	n the House Huald, , the official county publication
of	Franklir		county. A copy of the affidavit of this publication is attached.
Signed this2	day of _	September	Applicant or Duly Authorized Agent
		Subscribed and swor	rn to before me this 200 day of <u>September</u> , 2017
	STE HOTANY PLANE	Amy Burnett Notary Public State of Kansas My Appt. Exp: 11-3-19	Notary Public My Commission Expires: 11-3-19

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Affida	it of Notice Served	
Re:	Application for: Hughes Drilling Co, a General Partnership)
	Well Name: W. Broers I-4	gal Location:SE NE SW/4 of the Sec.2 Twp.16S R.20E
The un	ersigned hereby certificates that he / she is a duly authorized agent for the applic	ant, and that on the day
	, a true and correct copy of the application referenced above was de	
Note: A	copy of this affidavit must be served as a part of the application.	
	Name Ad	dress (Attach additional sheets if necessary)
See	Attached	
		KCC WICHIT
		SEP 2 8 2017
		RECEIVED
	Citi	RECEIVED
I further	attest that notice of the filing of this application was published in the	, the official county publication
of	Franklin county. A co	opy of the affidavit of this publication is attached.
Signed t	is 24 day of September 2017	
	Applicant or D	July Authorized Agent
	Subscribed and sworn to before me thi	day of September , 2017

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Notary Public

My Commission Expires:

Amy Burnett

Notary Public State of Kansas

My Appt. Exp: 11-3

QuickRe	fiD OwnerPrope	PartvName	Address1	Address2	Address3 City	State ZIP		TownshipSe	Township	TownshipRa	Property 1	LegalDescr	SitusAddre
R1274	FRA0033	BURDKOLL BROTHERS INC	3939 ELLIS RD		RANTOUL		079-9090	35	15	20E		535, T15, R20E, ACRES 217.5, LT 4 & SW4 EXC SW4 5 RR ROW LESS ROW	4365 OREGON RD. Wellsville, KS 66092
R1321	HAY0132D	LYNN, LANA S TRUST	PO BOX 283		GARDNER		030-0283	34	15	20E		534, T15, R20E, ACRES 190.8, E2 SW4 & SE4 EXC NE4 SE4 LESS ROW	3641 SHAWNEE RD. Wellsville, KS 66092
R301869	FRA0166A2	DUE, ANITA M & DAVID L	4922 N GARFIELD AVE		KANSAS CITY	MO 64	118-6135	11	16	20F		511, T16, R20E, ACRES 69.1, TR BEG SW/C NW4 N310 E459.9 N473.6 W459.6 N352.7 E1725 N122.8 NWLY106.5 E986.7 51345.4 W2651 TO POB LESS ROW	4037 OREGON RD, Ottawa, KS 66067
R306603	FGC0024B1	ROECKER, LEROY W JR & NICOLE M	216 LELOUP 3 ST		WELLSVILLE	KS 66	092-8739	2	16	20E		FERGUSON (LELOUP), SOZ, T16, RZOE, EZO LTS 13 & 18 BLK 33 & ADJ VAC ALLEY	218 3RD ST-LELOUP, Wellsville, KS 66092
R5754	FRA0157	BOUSE, ROBERT L & JANET K TRUST	3814 SHAWNEE RD		WELLSVILLE	KS 666	092-8750	2	16	20E		SO2, T16, R20E, ACRES 28.2. E1130 E2 NW4 N OF RR ROW & LT 3 EXC E114.5 N OF RR ROW LESS ROW	3814 SHAWNEE RD. Wellsville, K5 66092
R5755	FRA0158	SMITH, BONNIE MCCONNELL TRUST	173 E 1250 RD		BALDWIN CITY	K5 664	006-7162	2	16	20E	030-091-02-0-00-00-002.00-0	SO2, T16, R20E, ACRES 205, W2 NW4 & E2 NW4 EXC E1130 N OF RR ROW & SW4 N OF RR ROW & E2 NW4 S OF RR ROW	3730 SHAWNEE RD, Ottawa, KS 66067
R5755	FRA0158	SMITH, BONNIE MCCONNELL TRUST	173 E 1250 RD		BALDWIN CITY	KS 660	006-7162	2	16	20E		SO2, T16, R20E, ACRES 105, WZ NW4 & EZ NW4 EXC E1130 N OF RR ROW & SW4 N OF RR ROW & EZ NW4 S OF RR ROW	3730 SHAWNEE RD, Ottawa, KS 66067
R5756	FRAD159	BROERS, MARTHA E & LONNIE & TERRY W & EVANS, LINDA BROERS	3707 RILEY RD		OTTAWA	KS 666	067-8484	2	16	20E	030-091-02-0-00-00-003,00-0	S02, T16, R20E, ACRES 165.5, SW4 & SW4 NW4 5 OF RR ROW LESS ROW	3707 RILEY RD, Ottawa, KS 66067
R5757	FRA0160	HUGHES, ROGER A & BEATRICE FAMILY LTD PARTNERSHIP	122 N MAIN ST		WELLSVILLE	K5 660	092-8522	2	16	20E	030-091-02-0-00-00-004.00-0	S02 , T16 , R20E , ACRES 157.9 , SE4 LESS ROW	4150 TENNESSEE RD, Wellsville, KS 66092
R5764	FRA0155	O'DEA, TIMOTHY K & SHARLA M	211 LELOUP 5 ST		WELLSVILLE	KS 660	092-8743	2	16	20E	030-091-02-0-10-01-006.00-0	SO2, T16, R20E, ACRES 2.1, TR BEG 544.5N & 620W SE/C NFR2 NE4 N450 W205 5450 E205 TO POB	160 3RD ST-LELOUP, Wellsville, KS 66092
R5765	FGC0001	O'DEA, TIMOTHY K & SHARLA M	211 LELOUP 5 ST		WELLSVILLE	K\$ 660	092-8743	2	16	20E	030-091-02-0-10-01-007.00-0	FERGUSON (LELOUP), SO2, T16, R20E, ACRES 1.6, TR BEG 101.1N SW/C LT 7 BKL 1 FERGUSON N391.8 E223.2 S254.1 W110.3 S136.6 W112 TO POB	512 OAK-LELOUP, Wellsville, KS 66092
R5766	FGC0001A	DONOGHUE, DEBRA J	PO BOX 305		AWATTO	KS 660	067-0305	2	16	20E	030-091-02-0-10-01-008.00-0	FERGUSON (LELOUP), SO2, T16, R206, TR BEG SW/C LT 7 BLK 1 FERGUSON N101.1 E112 N136.6 W110.3 S238.3 W223.2 TO POB	163 6TH ST, LELOUP, KS 66092
R5767	FRA0151B	WHO'S ON FIRST LLC	15001 S QUIVIRA RD		OLATHE	KS 660	062-9732	2	16	20E	030-091-02-0-10-01-009.00-0	502 , T16 , R20E , ACRES 5.9 , TR BEG SE/C N2 NE4 N544.5 W602.8 S544.5 E602.8 TO POB EXC TR BEG 544.5N SE/C N2 NE4 W230 SELY280 ALG CRK N90 TO	515 KANSAS-LELOUP, Wellsville, KS 66092
R5771	FGC0024	ROECKER, LEROY W JR & NICOLE M	216 LELOUP 3 ST		WELLSVILLE	KS 660	092-8739	2	16	20E	030-091-02-0-10-02-003.00-0	FERGUSON (LELOUP), LTS 7-10 & 19-22 BLK 33 SECTION 02 TOWNSHIP 16 RANGE 20E	216 3RD ST-LELOUP, Wellsville, KS 66092
R5772	FGC0024B	RURAL WATER DIST #1	PO BOX 780		OTTAWA	KS 660	067-0780	2	16	20E	030-091-02-0-10-02-003.01-0	FERGUSON (LELOUP), SO2, T16, R20E, LTS 12-17 & ES LTS 11 & 18 BLK 33 & ADJ VAC ALLEY SECTION 02 TOWNSHIP 16 RANGE 20E	220 3RD ST-LELOUP, Wellsville, KS 66092
R5773	FGC0022	DOUGLAS, ROBERT E & KAREN A	315 LELOUP OAK ST		WELLSVILLE	KS 660	092-8731	2	16	20E	030-091-02-0-10-02-005.00-0	FERGUSON (LELOUP), LTS 1 2 3 4 5 6 & 52 VAC ALLEY BLK 33 SECTION 02 TOWNSHIP 16 RANGE 20E	315 OAK-LELOUP, Wellsville, KS 66092
R5774	FGC0030	HULLOPETER, TRENT S & SONJA D	306 LELOUP 3 ST		WELLSVILLE	KS 660	092-8740	2	16	20E	030-091-02-0-10-03-001.00-0	FERGUSON (LELOUP), BLOCK 34, ACRES 1.4, LOTS 1-10 & LTS 21-26 & VAC ALLEY BLK 34 SECTION 02 TOWNSHIP 16 RANGE 20E	306 3RD ST-LELOUP, Wellsville, KS 66092
R5775	FGC0029	HULLOPETER, TRENT S & SONJA D	306 LELOUP 3 ST		WELLSVILLE	KS 660	092-8740	2	16	20E	030-091-02-0-10-03-002.00-0	FERGUSON (LELOUP), BLOCK 34, LOTS 17-20 & 1/2 VAC ALLEY SECTION 02 TOWNSHIP 16 RANGE 20E	316 3RD ST-LELOUP, Wellsville, KS 66092
R5776	FGC0028	JSL LEASING SOLUTIONS LLC	4370 SHAWNEE RD		WELLSVILLE	KS 660	067-8755	2	16	20E	030-091-02-0-10-03-004.00-0	FERGUSON (LELOUP), SO2, T16, R20E, BLOCK 34, LTS 11-16 & 1/2 ADJ VAC ST & 1/2 VAC ALLEY SECTION 02 TOWNSHIP 16 RANGE ZOE	322 WILLOW-LELOUP, Wellsville, KS 66092
R5777	FGC0018	COURTEMANCHE, MARK K & DEBRA K	16 E 2200 RD		WELLSVILLE	KS 660	092-4040	2	16	20E	030-091-02-0-10-03-006.00-0	FERGUSON (LELOUP), N/2 LTS 1 2 & LTS 28-30 & 1/2 ADJ VAC STS & ALLEYS BLX 27 SECTION 02 TOWNSHIP 16 RANGE 20E	409 ELM, LELOUP, KS 66092
R5778	FGC0017	O'DEA, TIMOTHY K & SHARLA M	211 LELOUP 5 ST		WELLSVILLE	KS 660	092-8743	2	16	20E	030-091-02-0-10-03-007.00-0	FERGUSON (LELOUP), S/2 LTS 1 2 & LT 3 & ADJ VAC ALLEY BLK 27 SECTION 02 TOWNSHIP 16 RANGE 20E	425 ELM, LELOUP, KS 66092
R5779	FGC0019	ROSS, ROBERT E & DONNA L	412 LELOUP WILLOW ST		WELLSVILLE	KS 660	092-8742	2	16	20E	030-091-02-0-10-03-008.00-0	FERGUSON (LELOUP), SOZ, T16, R20F, ACRES 2.3, LTS 4-27 & VAC ALLEY & 1/2 ADJ VAC STS & ALLEYS BLK 27 SECTION 02 TOWNSHIP 16 RANGE 20E	412 WILLOW-LELOUP, Wellsville, KS 66092
R5780	FGC0015	ROSS, ROBERT E & DONNA L	412 LELOUP WILLOW ST		WELLSVILLE	KS 660	092-8742	2	16	20E	030-091-02-0-10-03-009.00-0	FERGUSON (LELOUP), 502, T16, R20E, ACRES 3.5, TR BEG 325N 5W/C LT 2 N140 NELY590 ALG RR ROW 5480 W470 TO POB SECTION 02 TOWNSHIP 16 RANGE 20E	400 WILLOW-LELOUP, Wellsville, KS 66092
R5781	FGC0012	LAWRENCE, JAMES FRANCES & CHANTEL LEE	406 LELOUP 5 ST		WELLSVILLE	KS 660	92-8893	2	16	20E	030-091-02-0-10-03-010.00-0	FERGUSON (LELOUP), SOZ, T16, RZOE, ACRES 3.4, TR BEG 305 SW/C LT 2 E475 N352 W470 S355 TO POB & VAC STS & ALLEYS SECTION 02 TOWNSHIP 16 RANGE 20E	406 5TH ST-LELOUP, Wellsville, KS 66092
R5782	FRA0156A	KHLEANG, CHHO & KOY & SITHA	1408 BELLEFONTAINE AVE		KANSAS CITY	MO 641	127-2114	2	16	20E	030-091-02-0-10-03-011.00-0	SO2, T16, R20E, ACRES 35.1, TR BEG 659.5N & 410.1W SE/C NE4 W2140.2 N993.5 NELY170.9 SELY40 NELY242.1 S564.8 E1298 S40 E489.8 5635.5 TO POB	162 6TH ST, LELOUP, KS 66092
R5783	FRA0156A1	BROWN, WESLEY E & BELINDA G	4238 TENNESSEE RD		WELLSVILLE	KS 660	92-8805	2	16	20E	030-091-02-0-10-03-011.01-0	FERGUSON (LELOUP), ACRES 5.2, TR BEG 658.9N SE/C NE4 W410 N655.4 E410 S658.9 TO POB LESS ROW SECTION 02 TOWNSHIP 16 RANGE 2CE	4238 TENNESSEE RD, Wellsville, KS 66092
R5784	FRA0156	DORSEY, BRENT J & LAURA R	3750 UTAH RD		WELLSVILLE	KS 660	92-8811	2	16	20E	030-091-02-0-10-03-012.00-0	FERGUSON (LELOUP), SOZ, T16, RZOE, ACRES 36.6, TR BEG SE/C NE4 N658.9 W2550.4 S659 E2541.6 TO POB LESS ROW INC VAC STS & ALLEYS SECTION 02 TOWNSHIP 16 RANGE 20E	4230 TENNESSEE RD, Wellsville, KS 66092
R5785	FGC0002	O'CONNOR, CHARLES W & GAIL	525 LELOUP OAK ST		WELLSVILLE	KS 660	92-8733	2	16	20E	030-091-02-0-10-03-013.00-0	FERGUSON (LELOUP), LTS 1-2 & S50 LTS 3-4 & N/2 VAC ST 5 SIDE & S/2 VAC ALLEY N SIDE SECTION 02 TOWNSHIP 16 RANGE 20E	525 OAK-LELOUP, Wellsville, KS 66092
R5786	FGC0003	SEIMEARS, KATHY SUE & LESLIE LEE	224 LELOUP 5 ST		WELLSVILLE	KS 660	092-8743	2	16	20E	030-091-02-0-10-03-015.00-0	FERGUSON (LELOUP), N67.5 LTS 3-4 BLK 23 & 5/2 VAC ALLEY N SIDE SECTION DZ TOWNSHIP 16 RANGE 20E	212 5TH ST-LELOUP, Wellsville, KS 66092
R5787	FGC0010	COULTER, LESTER & TERESA C	332 LELOUP 5 ST		WELLSVILLE	KS 660	92-8872	2	16	20E	030-091-02-0-10-03-018.00-0	FERGUSON (LELOUP), SO2, T16, R20E, ACRES 1.3, LTS 5-10 BLK 24 LELOUP & E ADJ VAC ST W SIDE LOTS 7-8 & VAC N ST S SIDE LTS 5-7	332 STH ST-LELOUP, Wellsville, KS 66092
R5788	FGC0010A	O'DEA, TIMOTHY K & SHARLA M	211 LELOUP 5 ST		WELLSVILLE	KS 660	92-8743	2	16	20E	030-091-02-0-10-03-018.01-0	S02 , T16 , R20E , LTS 1-4 BLK 24 & 1/2 VAC ST ON 5 SIDE	525 ELM, LELOUP, KS 66092
R5789	FGC0011	O'DEA, TIMOTHY K & SHARLA M	211 LELOUP 5 ST		WELLSVILLE	KS 660	92-8743	2	16	20E	030-091-02-0-10-03-019.00-0	FERGUSON (LELOUP) , LTS 11-14 BLK 24 SECTION 02 TOWNSHIP 16 RANGE 20E	503 ELM, LELOUP, KS 66092
R5791	FGC0006	SEIMEARS, KATHY SUE & LESLIE LEE	224 LELOUP 5 ST		WELLSVILLE	KS 660	92-8743	2	16	20E	030-091-02-0-10-03-020.00-0	FERGUSON (LELOUP), ACRES 1.0, LTS 5-10 & VAC ALLEY BLK 23 SECTION 02 TOWNSHIP 16 RANGE 20E	224 5TH ST-LELOUP, Wellsville, KS 66092
R5792	FGC0007	SEIMEARS, KATHY SUE & LESLIE LEE	224 LELOUP 5 ST		WELLSVILLE	KS 660	92-8743	2	16	20E	030-091-02-0-10-03-021.00-0	FERGUSON (LELOUP) , LTS 11-12 BLK 23 & N/2 VAC ALLEY ON S SIDE SECTION 02 TOWNSHIP 16 RANGE 20E	214 5TH ST-LELOUP, Wellsville, KS 66092
R5793	FGC0008	SHOGRIN, SHELDON L	1789 E 770 RD		LECOMPTON	KS 660	50-4077	2	16	20E	030-091-02-0-10-03-022.00-0	FERGUSON (LELOUP), LTS 13-14 BLK 23 & N/2 VAC ALLEY ON S SIDE SECTION 02 TOWNSHIP 16 RANGE 20E	501 OAK-LELOUP, Wellsville, KS 66092
R5794	FGC0031	BOUSE, ROBERT L & JANET K TRUST	3814 SHAWNEE RD		WELLSVILLE	KS 660	92-8750	2	16	20£	030-091-02-0-10-04-001.00-0	FERGUSON (LELOUP), S02, T16, R20E, ACRES 1.6, TR BEG SW/C INT BNSR RR ROW & 3RD ST W450 S320 NELY560 TO POB SECTION 02 TOWNSHIP 16 RANGE 20E	3814 SHAWNEE RD, Wellsville, KS 66092
R5795	FGC0021	O'DEA, TIMOTHY K & SHARLA M	211 LELOUP 5 ST		WELLSVILLE	KS 660	92-8743	2	16	20E	030-091-02-0-10-05-002.00-0	FERGUSON (LELOUP) , ACRES 1.5 , LTS 9-28 BLK 28 & VAC ADJ ALLEY SECTION 02 TOWNSHIP 16 RANGE 20E	219 5TH ST-LELOUP, Wellsville, KS 66092
R5796	FGC0021C	O'DEA, TIMOTHY K & SHARLA M	211 LELOUP 5 ST		WELLSVILLE		92-8743	2	16	20E	030-091-02-0-10-05-002.01-0	FERGUSON (LELOUP) , LTS 1-8 BLK 28 & 5/2 VAC ALLEY ON N SIDE SECTION 02 TOWNSHIP 16 RANGE 20E	211 5TH ST-LELOUP, Wellsville, KS 66092
R5797	FRA0165	HUGHES FAMILY LIMITED PARTNERSHIP	122 MAIN ST		WELLSVILLE	KS 660	92-8522	11	16	20E	030-091-11-0-00-00-001.00-0	S11, T16, R20E, ACRES 147.7, NE4 EXC TR BEG 876.9S NE/C NE4 S959 W455.7 N959 E453.4 TO POB LESS ROW	3864 RILEY RD, Wellsville, KS 66092
R5798	FRAD165A	SALLAZ, DONALD EUGENE & SANDRA L	4060 TENNESSEE RD		WELLSVILLE	KS 660	92-8803	11	16	20E	030-091-11-0-00-00-001.01-0	S11, T16, R20E, ACRES 8.9, TR BEG 876.95 NE/C NE4 S959 W455.7 N959 E453.4 TO POB LESS ROW	4060 TENNESSEE RD, Wellsville, KS 66092
R5799	FRA0166	WEEKS, LESLIE & NANCY TRUST & COONS, MARC & SHANE	4085 OREGON RD		OTTAWA		67-8441	11	16	20E	030-091-11-0-00-00-002.00-0	511, T16, R20E, ACRES 62.2, TR BEG NE/C NW4 51310.9 W986.7 5ELY106.5 S122.8 W1188.9 N813.4 W304.5 N700 E723 S675 E645.3 N675 E1044.6 TO POB LESS ROW	3780 RILEY RD, Ottawa, KS 66067
R5800	FRAD166C	COONS, SHANE L & JERRI B	3756 RILEY RD		OTTAWA	KS 660	67-8484	11	16	20E	030-091-11-0-00-00-002.01-0	\$11 , 116 , R20E , ACRES 9.5 , TR BEG 955E NW/C NW4 E645.3 S675 W645.3 N675 TO POB LESS ROW	3756 RILEY RD, Ottawa, KS 66067
R5801	FRA0166D	COONS, MARC	4063 OREGON RD		OTTAWA		67-8441	11	16	20E	030-091-11-0-00-00-002.02-0	511, T16, R20E, ACRES 9.5, TR BEG 700S NW/C NW4 E536.5 S813.4 W536.5 N811.7 TO POB LESS ROW	4063 OREGON RD, Ottawa, KS 66067
R5802	FRA0166A1	LEIBACH, KATHLEEN L & TIMOTHY J	4019 OREGON RD		OTTAWA		67-8441	11	16	20E		511, T16, R20E, ACRES 4.7, TR BEG 310N SW/C NW4 N473.6 E459.6 S473.6 W459.9 TO POB LESS ROW	4019 OREGON RD, Ottawa, KS 66067
R5803	FRA0166A	WEEKS, LESLIE & NANCY TRUST	4085 OREGON RD		OTTAWA	KS 660	67-8441	11	16	20E	030-091-11-0-00-00-003.00-0	\$11, T16, R20E, ACRES 3.3, TR BEG NW/C NW4 E232 \$700 W232 N700 TO POB LESS ROW	4085 OREGON RD, Ottawa, KS 66067
R5820	HAY0161	SMITH, BONNIE MCCONNELL TRUST	173 E 1250 RD		BALDWIN CITY	KS 660	XX6-7162	3	16	20E	030-092-03-0-00-00-001.00-0	SO3 , T16 , R20E , ACRES 77.4 , LTS 1 2 & LT 3 N OF RR ROW LESS ROW	4225 OHIO TER, Ottawa, KS 66067
R5821	HAY0162	SCOTT, DOUGLAS A	430 HERMOSA WAY		MENLO PARK		25-5824	3	16	20E		S03, T16, R20E, ACRES 214.3, NW4 & NE4 EXC LTS 1 & 2 LESS ROW	3590 SHAWNEE RD, Ottawa, KS 66067
R5822	HAY0165	MC BUSCH FARMS LLC	Attn: MCARTHUR, SANDRA K		GEORGETOWN		33-4710	3	16	20E		S03 , T16 , R20E , ACRES 155.0 , SW4 EXC TR BEG SW/C SW4 E500 N225 W500 S225 TO POB LESS ROW	4155 OHIO RD, Ottawa, K5 66067
R5824	HAY0166	MC BUSCH FARMS LLC	Attn: MCARTHUR, SANDRA K	109 YAUPON LN			33-4710	3	16	20E		SO3 , T16 , R20E , ACRES 52.0 , W2 SE4 N RR LESS ROW	4175 OHIO TER, Ottawa, KS 66067
R5825	HAY0166A	SEYLER, EDWARD DEAN & MERNA L	4002 NEVADA RD		OTTAWA		67-8404	3	16	20E		SO3, T16, R20E, ACRES 30.5, SE4 W OF RD & S OF RR ROW LESS ROW	4132 OHIO TER, Ottawa, KS 66067
R5826	HAY0167	BROERS, MARTHA E & LONNIE & TERRY W & EVANS, LINDA BROERS	3707 RILEY RD		OTTAWA		67-8484	3	16	20E		S03, T16, R20E, ACRES 47.9, LT 3 5 OF RR ROW LESS ROW	3675 RILEY RD, Ottawa, KS 66067
R5853	HAY0212A	CHAMBERS, DEAN R & ALEXIS E	3473 TEXAS RD		WELLSVILLE		92-8789	10	16	20E		S10, T16, R20E, ACRES 28.2, TR BEG 280W NE/C NE4 S966 E280 S358 W1139.9 N1323.9 E882 TO P08 LESS ROW	3660 RILEY RD, Ottawa, KS 66067
R5854	HAY0212A1	ROSSI, LARDINE II & TINA	4070 OREGON RD		AWATTO		67-8441	10	16	20E		S10, T16, R20E, ACRES 5, TR BEG NE/C NE4 S966 W280 N966 E280 TO POB LESS ROW	4070 OREGON RD, Ottawa, KS 66067
R5855	HAY0215	SEYLER, ROBERT L & EDWARD L & MERNA L	4002 NEVADA RD		OTTAWA		67-8404	10	16	20E		S10 , T16 , R20E , ACRES 156.0 , NE4 NW4 & NW4 NE4 & W2 NW4 LESS ROW	3588 RILEY RD, Ottawa, KS 66067
R5863	HAY0212	RUMFORD, RAYMOND GENE & LINDA LOU TRUST	1619 N DAVIS AVE		OTTAWA	KS 660	67-9784	10	16	20E	030-092-10-0-00-00-009.00-0	S10, T16, R20E, ACRES 119.6, S2 NE4 & SE4 NW4 LESS ROW	4020 OREGON RD, Ottawa, KS 66067

KCC WICHITA SEP 18 2017 SEP 18 2017

12/7/17 X Permit Number Assigned to Application

Kansas Corporation Commission Oil & Gas Conservation Division

Form U-1 November 2011 Form must be Typed Form must be Signed All blanks must be Filled

APPLICATION FOR INJECTION WELL

Disposal								_ 37k				
Enhanced Recovery: Repressuring		Α .	Number: _	15	5-059-2	7154-00-0	0					
✓ Waterflood			Vell Locatio	on								
Tertiary		_	<u>NE</u> - <u>S</u>	E - SW Se	c. 2	Twp. 16	s. R. 20	V E □w				
September 18 2017					1	feet from	N/Vs	Line of Section				
Date.			3079					Line of Section				
Operator License Number: 5682		6	SPS Location:	Lat:	.xxxxx)	, Long: _	(e.gxx	xx.xxxxx)				
Operator: Hughes Drilling Co. a G	eneral Partnership	c	atum: NA	ND27 NAD	83 W	GS84						
Address: 122 Main		∟	Lease Description: SW/4 of the Sec.2 Twp.16S R.20E									
Wellsville, KS 66092			······································			***************************************		-				
		L	ease Name:	W. Broers			ber:l-:	2				
		F	ield Name:			ıb						
Contact Person: Clay Hughes		C	ounty:	Fran	klin							
Contact Person: 785-883-2235		1	eepest Usa		,							
Priorie.		F	ormation:			Squirrel						
Email: NA		D	epth to Bottor	n of Formation	:							
Surface Elevation: feet Well Datum of top of injection formation: Injection Formation Description: Name	_	nce mean sea	<i>level)</i> perf	/ open hole		c	depth					
Squirrel	734	742	F	erf	_ at	734	to74	42 feet				
					_ at		. to	feet				
List of Wells/Facilities Supplying Produ	ced Saltwater or Othe	er Fluids App										
(attach additional sheets if necessary)												
Lease Operator	Lease/Facility Na W. Broers Leas			e/Facility Desc	•		IID & Spot Lo	ocation				
1. Hughes Drilling	vv. bloers Leas			! Twp.16 R	.200	366 All	.aureu					
2. ————————————————————————————————————												
3. ————————————————————————————————————												
Producing Formation	Strata Depth			Total Di	ssolved So	olids <i>(if availat</i>	ble)					
Squirrel 1.	to	feet						mg/l				
2	to	feet			-KC(C WICH	HTA	mg/l				
3	to	feet		3777	CE.	P 2 8 20	117	mg/l				
Maximum Requested Liquid Injection Rate:	100 bbls / da	ỳ; or						-				
Maximum Requested Gas Injection Rate:	scf / day.				F	RECEIVI	ED					
Maximum Requested Injection Pressure:	600 psig					-		_				

Well Completion

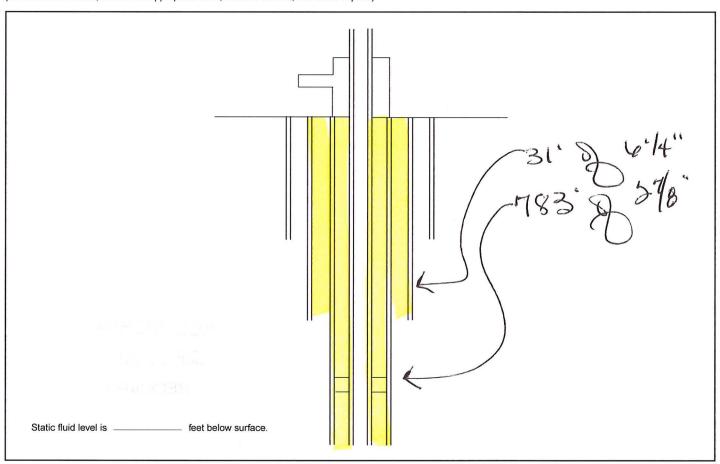
Type:	Tubing & Packer	Packerless	Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size		6 1/4		2 7/8	
Setting Depth		31		783	
Amount of Cement		12		104	
Top of Cement		0		0	
Bottom of Cement		31		783	

If Alternate II cementing, co	emplete the following:
-------------------------------	------------------------

Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



KCC WICHITA

RECEIVED

SEP 28 2017

November 2011 Offset Operators, Unleased Mineral Owners and Landowners acreage (Attach additional sheets if necessary) Legal Description of Leasehold: See Attached I hereby certify that the statements made herein are true and correct to the best of hy nowledge and belief. Applicant or D uly Authorized Agent September 2017

day of

Instructions:

Fully complete application, including page 4 (plat map) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.

Notary Public

My Commission Expires:

Subscribed and sworn before me this

Amy Burnett

Notary Public State of Kansas

My Appt. Exp:

- 2. Attach some type of log (drillers log, electric log, etc.).
- 3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (Cement ticket and job log, bond log, etc.)
- Attach Affidavit of Notice. 4.
- 5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (if any) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
- The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division. 6.
- 7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
- 8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. No injection well may be used without prior written authorization.
- 9. All application fees must accompany the application.

Operator: Hughes Drilling	Co, a Genral Partner	ship Locatio	on of Well:	NE SE SV	V/4 of the Sec.2	2 Twp.16S R.20E
Lease: W. Broers		878			feet fror	m N / ✓ S Line of Section
Well Number: I-2		3079)		feet fror	m ✓ E / W Line of Section
County: Franklin		Sec	2	Twp	16 s. R	
County.				р.	.	
Plat						
	applicant injection well, all pr	oducing wells, inactive	e wells, plugged	wells, and ot	ther wells within a or	ne-half mile radius, all lease boundar
ies, lease operators, unleased mi	neral rights owners, well nur	mbers, and producing	wells producing	formation to	ps.	
all 1			. : .			
All dond	ار /					
Affraled		:	-		:	
14.						
	:	:	. : .			
	<u>.</u>	:			:	
		:				
			.			
	:	:			:	
	applicant well	producing well	•	plugged inje	ection well	
	D & A well -	other injection v			abandoned well	
	plugged producer	water supply we		,		
	plugged producer 📡	water supply we	ell 💂			
			1		21/11	1
The undersigned hereby certifies		▼	HARINA	25-14	Erman	, and that all of the information
shown herein is true, complete ar	nd correct to the best of his /	her knowledge.	Q.	. 0 1	4	
		Applica	ant or Duly Auth	orized Aaent	OH	W.
	Subse	ribed and sworn before	b	b day	0 4	er 2017
	Subsci	ibed and sworn belon	o mo uno	\(\)	Ω.	11
A STATE OF THE PARTY OF THE PAR				1-ton	U KDYN	utt.

Amy Burnett

Notary Public

State of Kansas

My Appt, Exp:

Notary Public

My Commission Expires: 3-19

Form U-1 November 2011 Affidavit of Notice Served Hughes Drilling Co, a General Partnership Application for: Re: W. Broers I-2 NE SE SW/4 of the Sec.2 Twp.16S R.20E Legal Location: The undersigned hereby certificates that he / she is a duly authorized agent for the applicant, and that on the day September , a true and correct copy of the application referenced above was delivered or mailed to the following parties: Note: A copy of this affidavit must be served as a part of the application. Name Address (Attach additional sheets if necessary) See Attached KCC WICHITA SEP 28 2017 RECEIVED I further attest that notice of the filing of this application was published in the Franklin county. A copy of the affidavit of this publication is attached. September 2017

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

Notary Public

My Commission Expires:

Applicant or Duly

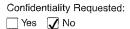
Subscribed and sworn to before me this

Amy Burnett Notary Public

State of Kansas My Appt. Exp: 11 -

uthorized Agent

September



Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM **WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License #5682	API No.:15-059-27154-00-00
Name: Hughes Drilling Co, a General Partnership	Spot Description:
Address 1: 122 MAIN	<u>NE-SE-SW</u> Sec. 2Twp. <u>16 _</u> S. R. <u>20</u> V East West
Address 2:	878 Feet from North / ✓ South Line of Section
City: WELLSVILLE State: KS Zip: 66092 + 8522	3079 Feet from ✓ East / ☐ West Line of Section
Contact Person: Clay Hughes	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 883-2235	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License # 5682	GPS Location: Lat:, Long:
Name: Hughes Drilling Co, a General Partnership	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist: NA	Datum: NAD27 NAD83 WGS84
Purchaser:	County: Franklin
Designate Type of Completion:	Lease Name: W. BROERS Well #: I-2
✓ New Well Re-Entry Workover	Field Name:
	Producing Formation: Squirrel
☐ Gas ☐ DH 🗸 EOR	Elevation: Ground: 952 Kelly Bushing: 952
☐ OG ☐ GSW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: 31 Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Committee de la Committee de l	Chloride content: 1500 ppm Fluid volume: 20 bbls
Commingled Permit #:	Dewatering method used: _Evaporated
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	·
GSW Permit #:	Operator Name:
7/13/2017 7/17/2017 7/17/2017	Lease Name: License #:
7/13/2017 7/17/2017 7/17/2017 Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	County: Permit #:
	"CHITA
$^{\prime\prime}$ CC $^{\prime\prime}$	NCHITA 28 2017 ECEIVED KCC Office Use ONLY
orp 7	8 2017
SET	
AFFIDAVIT	KCC Office Use ONLY
and the state of t	
regulations promulgated to regulate the oil and gas industry have been fully compli- with and the statements herein are complete and correct to the best of my knowledge.	
man and the statements herein are complete and confect to the best of my knowledg	Confidential Release Date:
	✓ Wireline Log Received
Submitted Electronically	☐ Geologist Report / Mud Logs Received ✓ UIC Distribution
	ALT I VIII III Approved by: Karen Ritter Date: 09/19/2017

Page Two

1366561

Operator Name: Hu	ghes Drilling Co,	a General Partner	ship Lease Name:	W. BROERS	3	_ Well #: - 2	2
Sec. 2 Twp. 16	s. R. 20	✓ East ☐ West	County: Fra	nklin			
open and closed, flow	ing and shut-in pres	f formations penetrate sures, whether shut-ir with final chart(s). At	pressure reached sta	itic level, hydros	tatic pressures, bo		erval tested, time tool perature, fluid recovery,
•		obtain Geophysical Da) or newer AND an ima		•	nailed to kcc-well-k	ogs@kcc.ks.g	ov. Digital electronic log
Drill Stem Tests Taken (Attach Additional S		Yes V No		J	tion (Top), Depth a		Sample
Samples Sent to Geol	ogical Survey	☐ Yes ☑ No	, Nai Gan	ne ımaRay		Top 20	Datum GL
Cores Taken Electric Log Run Geolgist Report / Mud	Logs	✓ Yes No ✓ Yes No ✓ Yes ✓ No					
List All E. Logs Run:							
GammaRay/Neutron/C0	OL					- Area and a second	
			NG RECORD 🗸 Nest-conductor, surface, in		ction, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9	6.250	10	31	Portland	12	50/50 POZ
Production	6	2.875	8	783	Portland	104	50/50 POZ
		ADDITIO	NAL CEMENTING / SC	UEEZE RECOR)		
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additive	KCC WIC
Protect Casing Plug Back TD	-						SEP 28 2
Plug Off Zone	•		ALAN PARA				
	e total base fluid of the	ent on this well? hydraulic fracturing treatr ation submitted to the che			No (If No, sk ✓ No (If No, sk ☐ No (If No, fill	ip question 3)	RECEN
Date of first Production/In Injection:	njection of Resumed Fr	oduction/ Producing I	processor proces	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wa	ter	Bbls. (Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole		y Comp. 🔲 Co	ommingled 734	Тор	ION INTERVAL: Bottom 742
Shots Per Pe Foot	rforation Perfora		Bridge Plug Set At	Acid	d, Fracture, Shot, Cer (Amount and Kind		
734	742						
			i de la companya de l				
TUBING RECORD:	Size:	Set At:	Packer At:	A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-		,	

Form	ACO1 - Well Completion
Operator	Hughes Drilling Co, a General Partnership
Well Name	W. BROERS I-2
Doc ID	1366561

Casing

6		Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9	6.250	10	31	Portland	12	50/50 POZ
Production	6	2.875	8	783	Portland	104	50/50 POZ

KCC WICHITA SEP 2 8 2017 RECEIVED

								Fr. c	o., Kansas	
	a		HUG	HES DRILLIN	IG REPORT			865 FS	3010	_ FEL
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OPERATOR	a apogon	·····	THE COURT	•	Contractor HUGH	163 01	direita co.	24	Shale	67
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		FROM	ro				21.5-21.5	8	shale	88
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KCC WICHITA SEP 28 2017 RECEIVED

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Havin 3737

AUTHORIZTION_

PO Box 884. Chanuts. KS 66720

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LOCATION OXAGINA KS

ESTIMATED TOTAL

DATE

FIELD TICKET & TREATMENT REPORT

620-431-92	10 or 800-467-867	5		CEMEN'	T 🗽	Wolday	<i>0771</i>	
DATE	CUSTOMER#	WEL	L NAME & NUME		SECTION	TOWNSHIP	RANGE	COUNTY
7-17-17	3425	N. B.	ders #	r-2	SW Z	16	20	FR
CUSTOMER								
MAILING ADORE	33	Co.		{	TRUCK#	DRIVER	TRUCK#	DRIVER
_		. V			712	Fre Mad.		
CITY	Main S	T- STATE	ZIP CODE	}	467	Ki Car		
	V1.	KS	66092	}	8041	ArlMcD		
<u> Wells</u>		<u> </u>		4 (<u> </u>	1	546
JOB TYPE LO		HOLE SIZE	596	HOLE DEPTH	793	CASING SIZE & V		EUE
CASING DEPTH		DRILL PIPE		TUBING			OTHER	* ^ ′
SLURRY WEIGH		SLURRY VOL_		WATER gal/sk		CEMENT LEFT in		Plu
	4.55 BBC			MIX PSI		RATE LIBP		
REMARKS: H		al Maa	coly a E	stabli		cu laxion	Mixx	Fump
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I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

TITLE_

12/7/17 * Permit Number Assigned to Application

Kansas Corporation Commission Oil & Gas Conservation Division

Form must be Typed Form must be Signed All blanks must be Filled

APPLICATION FOR INJECTION WELL

Disposal		XP	ermit Number: Pending	NEW E-32,50	85 3-JK
Enhanced Recovery: Repressuring		A	PI Number: 15-059-2	27155-00-00	
✓ Waterflood		V	Vell Location		
Tertiary		_	- NE - SE - SW Sec. 2	Twp. 16 S. R. 2	0 √ E w
Sentember 18 2017			1251	feet from N / 🗸	S Line of Section
Date.			3073		
Operator License Number: 5682		G	PS Location: Lat:	, Long:	.gxxx.xxxxx)
Operator: Hughes Drilling Co. a G	eneral Partnership	1	atum: NAD27 NAD83 \		
Address: 122 Main		Le	ease Description: SW/4 of th	ne Sec.2 Twp.16S	R.20E
Wellsville, KS 66092					
		Le	ease Name: W. Broers	Well Number:	I-3
		Fi	eld Name: Leld	oup	
Contact Porces: Clay Hughes		с	ounty: Franklin	Andread	
Contact Person.			eepest Usable Water		
Phone: 785-883-2235		Fo	ormation:	Squirrel	
Email: NA		D	epth to Bottom of Formation:		
					KCC WICHITA
Check One: Old Well Being Converte	d Newly Dril	led Well	Well to be Drilled		SEP 28 2017
Surface Elevation: feet Well	Total Depth: 792	eet P	lug Back Depth: feet		
Datum of top of injection formation:	feet (referen	ce mean sea	level)		RECEIVED
Injection Formation Description:					
Name	top / botto		perf / open hole	depth	
Squirrel		736	perf at	730 to	736 feet
			at	to	feet
List of Wells/Facilities Supplying Produ (attach additional sheets if necessary)	ced Saltwater or Other	Fluids App	roved by the Conservation Di	vision:	
Lease Operator	Lease/Facility Nan		Lease/Facility Description	Well ID & Sp	
1. Hughes Drilling	W. Broers Lease	9	Sec.2 Twp.16 R.20E	See Attached	
2			***************************************		
3					
Producing Formation	Strata Depth		Total Dissolved	Solids (if available)	
Squirrel	to	foot			mall
2	to	feet			mg/l
3	to	feet			mg/l
Maximum Requested Liquid Injection Rate:	100 bbls / day	or			
Maximum Requested Gas Injection Rate:	scf / day.	Type of Gas:			MANAGEM MANAGEM AND
Maximum Requested Injection Pressure:	600 _{psig}				

Well Completion

Type:	Tubing & Packer	Packerless	Tubingless

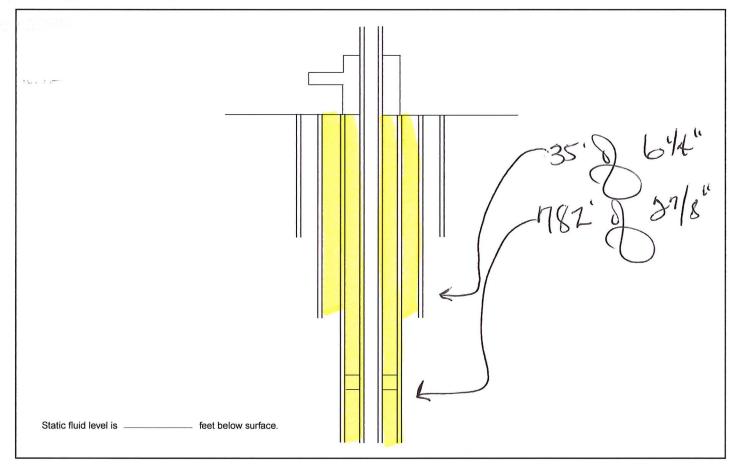
	Conductor	Surface	Intermediate	Production	Tubing
Size		6 1/4		2 7/8	
Setting Depth		35		782	
Amount of Cement		12		105	
Top of Cement		0		0	
Bottom of Cement		35		782	

If Alternate	11	cementing	complete	the	following:
II Alleriale	"	Cerrieriuria.	COMPLETE	uic	IUIIUVVIIIQ.

Perforations / D.V. Tool at	feet, cemented to	feet with	sx.
Tubing: Type		Grade	
Packer: Type		Depth	, i
Annulus Corrosion Inhibitor: Type		Concentration	
List Logs Enclosed:			

Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



Offset Operators, Unleased Mineral Owners and Landowners acreage	
(Attach additional sheets if necessary)	
Name:	Legal Description of Leasehold:
See Attached	
I hereby certify that the statements made herein are true and correct to the best o	of my knowledge and belief.
	There Toler
Applic	icant or Duly Authorized Agent
	/1/2
Subscribed and sworn befo	ore me this day of September , 2017
Amy Burnett	Amy Bernett
Notary Public Notar	ry Public KCC WICHITA
State of Kansas My Co	Commission Expires: 11-3-19 SEP 28-2017
Му Аррt. Exp: <u>1/1-3-19</u>	
Lazaret and Shine a lazaret on A Administrative processes where the second second second second second second	RECEIVED

Instructions:

- 1. Fully complete application, including page 4 (plat map) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
- 2. Attach some type of log (drillers log, electric log, etc.).
- 3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (Cement ticket and job log, bond log, etc.)
- 4. Attach Affidavit of Notice.
- 5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (*if any*) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
- 6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
- 7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
- 8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. *No injection well may be used without prior written authorization.*
- 9. All application fees must accompany the application.

		1251 3073 Sec. 2 producing wells, inactive wells, plantbers, and producing wells pro		S. R.	0 ✓ East
y: Franklin the following information: ap		Sec2	ugged wells, and other wel	S. R2	0 ✓ East
the following information: ap		roducing wells, inactive wells, pl	ugged wells, and other wel	S. R.	V East vve
				lls within a one-hal	if mile radius, all lease boun
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	applicant well	producing well	plugged injection w	vell 🜋	
	D & A well	other injection well 🛕	temporary abandor	ned well	
1	plugged producer ø	water supply well			
ndersigned hereby certifies th		. 4 (1)	es 1 killy	rof , a	and that all of the informati
herein is true, complete and	d correct to the best of his	/ her knowledge.		20.	
		Applicant or Dul	y Authorized Agent	MICC	\sim
	Subsc	cribed and sworn before me this	11.	September	201
			1 2.	/ 1	1
Princesson and Control	Amy Burnet		Homey D	Yn .M	
STE NOTARY AND	Notary Publi State of Kans	c	Expires: 11-	3-19	

Page Five Form U-1 November 2011 Affidavit of Notice Served Hughes Drilling Co, a General Partnership Application for: Re: W. Broers I-3 NE SE SW/4 of the Sec.2 Twp.16S R.20E Well Name: Legal Location: September The undersigned hereby certificates that he / she is a duly authorized agent for the applicant, and that on the day , a true and correct copy of the application referenced above was delivered or mailed to the following parties: Note: A copy of this affidavit must be served as a part of the application. Name Address (Attach additional sheets if necessary) See Attached KCC WICHITA SEP 28 2017 RECEIVED I further attest that notice of the filing of this application was published in the the official county publication Franklin county. A copy of the affidavit of this publication is attached. September 2017

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

My Commission Expires:

Applicant or Duly

Subscribed and sworn to before me this

Amy Burnett
Notary Public
State of Kansas
My Appt. Exp: 11-3

September

Confidentiality Requested:
☐ Yes
☑ No

Kansas Corporation Commission Oil & Gas Conservation Division

1366562

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Name: Hughes Drilling Co, a General Partnership	Spot Description:
Name:	
Address 1: 122 MAIN	
Address 2:	1251 Feet from ☐ North / ✓ South Line of Section
City: WELLSVILLE State: KS Zip: 66092 + 8522	
Contact Person: Clay Hughes	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 883-2235	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License # 5682	
Name: Hughes Drilling Co, a General Partnership	GPS Location: Lat:, Long:, (e.gxxx.xxxxx)
	Datum: NAD27 NAD83 WGS84
Wellsite Geologist: NA	County: Franklin
Purchaser:	Lease Name: W. BROERS Well #: I-3
Designate Type of Completion:	Field Name:
✓ New Well Re-Entry Workover	Producing Formation: Squirrel
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: 949 Kelly Bushing: 949
☐ Gas ☐ DH ☑ EOR	Total Vertical Depth: 792 Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: 35 Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
Cathodic Other (Core, Expl., etc.):	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from:
Operator:	
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening □ Re-perf. □ Conv. to EOR □ Conv. to SWD □ Plug Back □ Liner □ Conv. to GSW □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	Chloride content: 1500 ppm Fluid volume: 20 bbls
Commingled Permit #:	Dewatering method used: Evaporated
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
7/18/2017 7/20/2017 7/20/2017	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Permit #:
	NICHITA 2 8 2017 RECEIVED KCC Office Use ONLY
CC.	MICHI
KCo	2017
SEP	60 -
	RECEIVED
AFFIDAVIT	KCC Office Use ONLY
I am the affiant and I hereby certify that all requirements of the statutes, rules	s and
regulations promulgated to regulate the oil and gas industry have been fully com with and the statements herein are complete and correct to the best of my knowle	plied
	Confidential Release Date:
	✓ Wireline Log Received
Submitted Electronically	☐ Geologist Report / Mud Logs Received ✓ UIC Distribution
	ALT I I III Approved by: Karen Ritter Date: 09/19/2017

Page Two

1200502

1366562

Operator Name	: Hugh	nes Dril	ling Co,	a Gene	ral Parti	nershi	ip _{Lease}	Name: _	W. BROER	S	Well #: I- 3	}
Sec. 2 T	wp. 16	S. F	R. <u>20</u>	✓ Eas	st 🗌 We	st	County	: Fran	klin			
	d, flowin	g and sh	ut-in press	sures, wh	ether shu	ıt-in pre	essure read	hed stat	ic level, hydros	tatic pressures		rval tested, time tool perature, fluid recovery,
Final Radioactiv			_						ogs must be en	nailed to kcc-w	rell-logs@kcc.ks.gd	ov. Digital electronic log
Drill Stem Tests (Attach Add		eets)			Yes ✓	No		□ L		tion (Top), Dep	oth and Datum	Sample
Samples Sent to	o Geolog	gical Sur	vey		Yes 🗸	No		Nam Gami	maRay maray		Top 20	Datum GL
Cores Taken Electric Log Rui Geolgist Report	/ Mud L	ogs		\ \ \ \ \	Yes 🗌	No No No						
List All E. Logs GammaRay/Neu												
				Rep			RECORD	✓ Neurface, inte	ew Used ermediate, produ	ction, etc.		
Purpose of S	String		e Hole rilled		ize Casing et (In O.D.)		Weig Lbs. /		Setting Depth	Type of Cemen		Type and Percent Additives
Surface		9		6.250			10	-	35	Portland	12	50/50 POZ
Production		6		2.875	NE P		8		782	Portland	105	50/50 POZ
					ADDIT	IONAL	CEMENTIN	NG / SQL	JEEZE RECOR	O		
Purpose: Perforate			epth Bottom	Тур	e of Ceme	nt	# Sacks	Used		Туре	and Percent Additives	3
Protect Ca	TD	-										KCC WICHI
Plug Off Z	one	-										SEP 28 2017
 Did you perform Does the volum Was the hydrau 	e of the to	otal base	fluid of the h	nydraulic fr	acturing tr				_	☐ No (If N	lo, skip questions 2 a lo, skip question 3) lo, fill out Page Three	RECEIVEL
Date of first Produ Injection:	uction/Inje	ction or R	esumed Pro	duction/	Produci		nod: Pumping	g \square	Gas Lift	Other (Explain)		
Estimated Produc Per 24 Hours			Oil I	3bls.	Gas	6	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
Vented	Sold	OF GAS: Used	on Lease		Open Hole	-	IETHOD OF		Comp. Co	ommingled	PRODUCTION Top 730	DN INTERVAL: Bottom 736
Shots Per Foot		ration op	Perfora Botto		Bridge Pl Type	ug	Bridge Plug Set At	g	Aci		t, Cementing Squeeze d Kind of Material Used	
	730		736									
												•
TUBING RECOR	D:	Size:		Set At:			Packer At:					

Form	ACO1 - Well Completion
Operator	Hughes Drilling Co, a General Partnership
Well Name	W. BROERS I-3
Doc ID	1366562

Casing

	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
9	6.250	10	35	Portland	12	50/50 POZ
6	2.875	8	782	Portland	105	50/50 POZ
	Drilled 9	Drilled Casing Set 9 6.250	Drilled Casing Set 9 6.250 10	Drilled Casing Set Depth 9 6.250 10 35	Drilled Casing Depth Cement 9 6.250 10 35 Portland	Drilled Casing Set Depth Cement Sacks Used 9 6.250 10 35 Portland 12

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J070 FFI 1245 FSL HUGHES DRILLING REPORT API# 15-059-27155 Size 278 8rd EVEL Size 782 48 of PIPE WITH Flout show on Bottom Sec. 2 TWP. 16 R. 20 Well No I-3 Size 6 141 FORMATION DRILLED Farm W. Bisecs Feet 35' THICKNESS 2 2 Circulated 12-sx cement Soil T. D. at Completion 7972 32 30 CLAY OPERATOR Hughes Drilling Grade Contractor HUGHES DRILLING CO. 38 1 TANK shale 64 Dair (10 PIPE TALLY DATE BEMARKS - TYPE WORK - BILLING REF 12 Limb 82 Shale 7/18/17 (121.5-21.5 Soil 2 19 Limo 101 35 125-440 May 32 Shalo 7/19/17 Gravel 32 33 183 238 Shale 5/8/PDC Lime 58 261 Shall (Slate 63-64) 58 Shale 276 Br25-134.0 LIMO Lime 283 Thas- 156.5 Shale 82 Share 312 324 12 Line 8)225-179.0 Lime 82 191 20 Shule 1225-2015 101 166 Shake 301 368 166 183 Lime 10)225- 2240 y smale 377 400 23 Umu 183 238 Shale (Line 93-94) 1125 2465 4 Shele 404 1225-268.0 238 26) Line 9 LIMO 408 261 276 Shale (BAKA 267-269) (3)225- 1315 2 Shylo 410 1422.5- 314.4 Hertual 276 283 LIME 6 Lime 416 11) Shell 527 15/25- 336.5 283 312 Shalv 529 2 Sound 22.5- 359.0 Shule 312 324 LIMU 5606 324 344 Shule Clime Break 28-3291 381.5 Shall 22.5- 4040 30' 344 368 Line 368 377 Shale Uslate 375-376 125- 426.9 377 400 Line LIMU 400 409 8h VC (Slate 400-401) shale 66 LIMU 623 404 408 LIME 408 4/0 Shult LIM6 HEPtua" 416 Lime 527 Shale Broken 420-424) Limo (23/225-5615 Shale 527 529 Soud (slight odar) 26)225-5819 668 27)225-6065 529 565 shale 10 Shall

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Pr Co., Kansas

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SEP 28 2017 RECEIVED HUGHES DRILLING CO.

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Lease # I-3 WBroers

Formation #1 squincel

Date 7/19/117 RPM chipsample

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8023/200

ticket number 50457
LOCATION Offawa
FOREMAN Alan Made

PO Box 884. C	chanute, KS 66720	FIELD TICKE	T & TREA	4井 810789			
	or 800-467-8676		CEMEN		invoice	# 810	189
DATE	CUSTOMER#	WELL NAME & NUM	KI	SECTION	TOWNSHIP	RANGE	COUNTY
7-20-11	3425 1). Broevs	40	8W 3	1.6	20	FL
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ACCOUNT	QUANITY or UNI	TS D	ESCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
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Ravin 3737						ESTIMATED TOTAL	179/035
			must m			DATE	79637

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

12/7/17 Permit Number Assigned to Application

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form U-1 November 2011 Form must be Typed Form must be Signed All blanks must be Filled

APPLICATION FOR INJECTION WELL

Disposal		Perm	nit Number: <u>Pendir</u>			-3-JK
Enhanced Recovery: Repressuring		API	Number: 15-0	59-27156-00-	00	
✓ Waterflood		Wel	l Location			
Tertiary			- <u>SE</u> - <u>NE</u> - <u>SW</u> Sec	2 _{Twp.} _16_	s. R. 20	✓ E
Sentember 18 2017		17	13	feet from	N/VsL	ine of Section
ECO2		30	00	feet from		
Operator License Number: 5682		_ GPS	Location: Lat:	, Long	j:	xxxxx)
Operator: Hughes Drilling Co. a G	eneral Partnership	— Datu	m: NAD27 NAD83	WGS84		
Address: 122 Main		_ Leas	e Description: SW/4	of the Sec.2 1	wp.16S R.20)E
Wellsville, KS 66092						
		Leas		Well No	umber:I-4	
		Field	Name.	Leloup		
Contact Person: Clay Hughes		Cour	nty: Frankli	n		
Contact Person: 785-883-2235		Dee _i	pest Usable Water			
Priorie.		- Form	ation:	Squirrel		
Email: NA		Dept	h to Bottom of Formation: _			
Datum of top of injection formation: Injection Formation Description: Name	top / bottom		perf / open hole	705	depth	2
Squirrel		30	perf	at	to730) feet
				at	to	feet
List of Wells/Facilities Supplying Produc	ced Saltwater or Other Flu	ıids Appro	ved by the Conservatio	n Division:		
(attach additional sheets if necessary)	, , , , , , , , , , , , , , , , , , ,				4 H I D O O I	
Lease Operator Hughes Drilling	Lease/Facility Name W. Broers Lease		Lease/Facility Descripti Sec.2 Twp.16 R.20		<i>l</i> ell ID & Spot Loc Attached	ation
1. Tragines Drining				,		
2						
3						
Producing Formation	Strata Depth		Total Disso	lved Solids (if avai	lable)	
1. Squirrel	to f	ieet				mg/l
2	to f	feet				mg/l
3	to f	feet				mg/l
Maximum Requested Liquid Injection Rate:	100 bbls / day; or				LOO SA	(IOLUTA
Maximum Requested Gas Injection Rate:	scf / day. Type	of Gas:			KCC W	
Maximum Requested Injection Pressure:	600 psig				SEP 28	3 2017

Well Completion

Type:	Tubing & Packer	Packerless	Tubingless

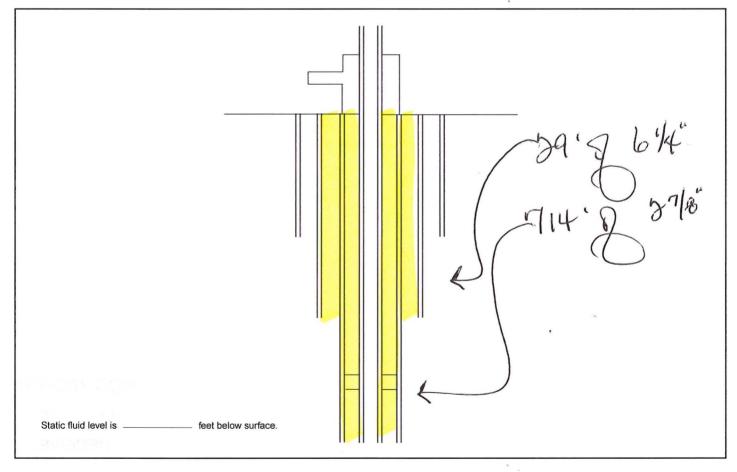
	Conductor	Surface	Intermediate	Production	Tubing
Size		6 1/4		2 7/8	
Setting Depth		29		714	
Amount of Cement		10		96	
Top of Cement		0		0	
Bottom of Cement		29		714	

IE Altarn	ata 11 .	cementina	aamalata	460	fallantina
II Allerni	aie ii (:emeniina	complete	me	ioliovviria

Perforations / D.V. Tool at	feet, cemented to	feet with sx.	
Tubing: Type		Grade	
Packer: Type		Depth	
Annulus Corrosion Inhibitor: Type	·	Concentration	
List Logs Enclosed:			

Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



KCC WICHITA

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SEP 28 2017

November 2011 Offset Operators, Unleased Mineral Owners and Landowners acreage (Attach additional sheets if necessary) Name Legal Description of Leasehold: See Attached I hereby certify that the statements made herein are true and correct to the best of my kr edge and belief. Applicant or Duly thorized Agent September 2017 day of Subscribed and sworn before me this

Instructions:

1. Fully complete application, including page 4 (plat map) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.

Notary Public

My Commission Expires:

2. Attach some type of log (drillers log, electric log, etc.).

Amy Burnett

Notary Public

State of Kansas

My Appt. Exp: 11-3-

- 3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (Cement ticket and job log, bond log, etc.)
- 4. Attach Affidavit of Notice.
- 5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (if any) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
- 6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
- 7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
- Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial 8. change requires the approval of a new application. No injection well may be used without prior written authorization.
- 9. All application fees must accompany the application.

Operator: Hughes Drillin	g Co, a Genral Partne	rship Location of Well:	SE NE SW/4 of the Sec.2	2 Twp.16S R.20E
Lease: W. Broen	rs	1713	feet fron	n N / ✓ S Line of Section
Well Number: 1-4		3093	feet from	n
County: Franklin		Sec2	Twp16 S. R	
·			·	
Plat		and also walls in addition walls also		
		roducing wells, inactive wells, plus imbers, and producing wells producing	gged wells, and other wells within a or ucing formation tops.	ne-nair mile radius, all lease bounda
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	········		:	
	:	:	: [:	
	applicant well 🛕	producing well	plugged injection well	
	D & A well	other injection well 🛕	temporary abandoned well	ı
	plugged producer 🍯	water supply well • wsw		
			Commence	
The undersigned hereby certif shown herein is true, complete			ill tilling	, and that all of the information
snown nerein is true, complete	and correct to the best of his	7 hei knowledge.	3	4
		Applicant or Duly	Authorized Agent	igcup
	Subse	cribed and sworn before me this	26 day of September	er <u>2017</u>
			11	
		And the second s	Amy Burnet	

My Commission Expires:

State of Kansas My Appt. Exp: 11-3-10

Page Five Form U-1 November 2011 Affidavit of Notice Served Hughes Drilling Co, a General Partnership Application for: Re: W. Broers I-4 SE NE SW/4 of the Sec.2 Twp.16S R.20E Legal Location: September The undersigned hereby certificates that he / she is a duly authorized agent for the applicant, and that on the day , a true and correct copy of the application referenced above was delivered or mailed to the following parties: Note: A copy of this affidavit must be served as a part of the application. Name Address (Attach additional sheets if necessary) See Attached KCC WICHITA SEP 28 2017 RECEIVED I further attest that notice of the filing of this application was published in the , the official county publication Franklin county. A copy of the affidavit of this publication is attached. September

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

Applicant or Dul

Notary Public

My Commission Expires:

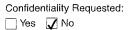
Subscribed and sworn to before me th

Amy Burnett

Notary Public State of Kansas

My Appt. Exp: 11-3

September



Kansas Corporation Commission Oil & Gas Conservation Division

1366564

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5682	2	API No.:	15-059-2	27156-00-00		
Name: Hughes Drilling C	o, a General Partnership	Spot Des	cription:			
Address 1: 122 MAIN		- Sf	E-NE-SW Se	c. 2Twp.	16 S. R. 20	✓ East West
		1713_		Feet from	□ North / ☑ 9	South Line of Section
	State: KS Zip: 66092 + 8522					West Line of Section
Contact Person: Clay Hughes	•				utside Section Co	
Phone: (785) 883-2235		rootagoo		w ✓se		,,,,,,,,
CONTRACTOR: License # 56	•			*		
Name: Hughes Drilling Co,		GPS Loc	ation: Lat:	(e.g. xx.xxxxx)	, Long:	(e.gxxx.xxxxxx)
		Datum:	NAD27	NAD83	WGS84	
•		County:_	Franklin			
		Lease Na	ame: W. BRO	ERS	We	ell #: <u>I-4</u>
Designate Type of Completion:		Field Nar	ne:			
✓ New Well	Re-Entry Workover	Producin	a Formation: S	quirrel		
Oil WSW	SWD		•	•		947
Gas DH	☑ EOR				_	epth:
∐ OG	∐ GSW	}	•		-	Feet
Cothodia Other (C	Sans Coul at N				d? ☐ Yes 🗸	
	ore, Expl., etc.):					Feet
If Workover/Re-entry: Old Well		1				7 001
						sx cmt.
		јеет аерт	1 (0:	v	N/	SX CITIL.
-	Original Total Depth:					
	f. Conv. to EOR Conv. to SWD	_	Fluid Managem t be collected fron		⊃it)	
Plug Back Liner	Conv. to GSW Conv. to Producer					
Commingled	Permit #:					20 bbls
Dual Completion	Permit #:	Dewaterir	ng method used	1: Evaporate)d	
SWD	Permit #:	Location	of fluid disposal	if hauled offs	ite:	
☐ EOR	Permit #:	Operator	Name:			
☐ GSW	Permit #:	·				
7/24/2017 7/25/	2017 7/25/2017					East _ West
Spud Date or Date R	Reached TD Completion Date or	_				
Recompletion Date	Recompletion Date	County: _	-TA	Fen	rmit #:	
		. WICH	///			
	KCC	, we a	M7			
	SE	6 58 c	-D			
		DECEL	VED			
	AFFIDAVIT	KL-	NTA N7 VED	KCC Offi	ice Use ONLY	,
-	ertify that all requirements of the statutes, rules	and		lity Requested		
	late the oil and gas industry have been fully com re complete and correct to the best of my knowle		Date:	-		
and the statement more than	The state of the s			Release Date:		
~			Wireline Log			ests Received
Submitte	ed Electronically		Geologist Re ✓ UIC Distribute	eport / Mud Log tion	gs Received	
		1			ed by: Karen Ritter	Date: 09/19/2017

Page Two

1366564 Well #: 1-4 Operator Name: Hughes Drilling Co, a General Partnership Lease Name: Twp. 16 S. R. 20 Fast West County: Franklin INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF). Formation (Top), Depth and Datum Drill Stem Tests Taken Yes ✓ No Log Sample (Attach Additional Sheets) Datum GL Name GammaRay Top ✓ No Yes Yes Samples Sent to Geological Survey ✓ Yes ☐ No Cores Taken ✓ Yes Electric Log Run ☐ No Geolgist Report / Mud Logs ✓ No Yes List All E. Logs Run: GammaRay/Neutron/CCL CASING RECORD ✓ New Used Report all strings set-conductor, surface, intermediate, production, etc. Type and Percent Size Hole Size Casing Weight Setting Type of # Sacks Purpose of String Depth Drilled Set (In O.D.) Lbs. / Ft Cement Used Additives Surface 9 6.250 10 29 Portland 10 50/50 POZ Production 8 714 Portland 96 50/50 POZ 6 2.875 ADDITIONAL CEMENTING / SQUEEZE RECORD Depth Purpose: Type and Percent Additives Type of Cement # Sacks Used Top Bottom KCC WICHITA Perforate Protect Casing Plug Back TD SEP 28 2017 Plug Off Zone RECEIVED 1. Did you perform a hydraulic fracturing treatment on this well? Yes ✓ No (If No, skip questions 2 and 3) 2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No (If No, skip question 3) No (If No, fill out Page Three of the ACO-1) 3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes Date of first Production/Injection or Resumed Production/ Producing Method: Injection: Flowing Pumping Gas Lift Other (Explain) Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: Bottom Top ✓ Perf. Sold Used on Lease Open Hole Dually Comp. Commingled 725 730 (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Shots Per Bridge Plug Bridge Plug Acid, Fracture, Shot, Cementing Squeeze Record Perforation Perforation Foot Top Bottom Set At (Amount and Kind of Material Used) Type 725 730

Packer At:

TUBING RECORD:

Size

Set At:

Form	ACO1 - Well Completion
Operator	Hughes Drilling Co, a General Partnership
Well Name	W. BROERS I-4
Doc ID	1366564

Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	f Type and Percent Additives
Surface	9	6.250	10	29	Portland	10	50/50 POZ
Production	6	2.875	8	714	Portland	96	50/50 POZ

KCC WICHITA SEP 2 8 2017 RECEIVED

									<u>Fr.</u>	Co., Kansas		
	•		HUC	GHES DRILLIN	VG REPORT					st <u>3570</u>	FEL	
				** *** ****	OFDAAAMENT (25.22			API # 15-059-27156			
	. T-4)	SURF	ACE CASING	PERMANENT O	£ /86	wJ		sec2 TI	NP 16 R	20	
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KCC WICHITA SEP 28 2017 RECEIVED





FIELD TICKET & TREATMENT REPORT

20-431/*** or	800-467-8676	CEMENT			MANGERSIOSO		
	CUSTOMER#	WELL NAME & NU		SECTION	TOWNSHIP	RANGE	COUNTY
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USTOMER	Dadle	_					
AILING ADDRES	<u>es Urillim</u>	<i>9</i>		TRUCK#	DRIVER	TRUCK#	DRIVER
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THORIZTION	ENLS.		TITLE			DATE	3851 92

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.