				02-15 08:13:32	
		SAS CORPORATION CO	MMISSION / / T -	as Corporation Com	Form U-8
		L & GAS CONSERVATION		rnn M. Retz Form mus	
	APPLICATI	ON TO AMEND INJE	CTION PERMIT	Form must All blanks mus	
Salt Water Disposal		Permit Number:			3-112.
Repressuring		<u>NW</u> 1/4 Sec. <u>8</u>	Twp. <u>18</u> S. R	21 🖌 East	] West
✓ Other Enhanced Rec	overy	4292 Feet from	North / 🖌 South	Section Line	
		4292 Feet from	🖌 East / 🗌 West	Section Line	
		Lease:	Roberson		
		Well #:	1-1 15-059-	26.686-00-00	
			Franklin		ty, Kansas
		Originally granted to:	Unknown		
(All information above this line taken fi	rom the original permi				
Current Operator: License #	35100 Ex	0.07/30/18 Contact P	erson:William F		
Company Name:			CC: Lesli B	uker	
	Arms Rd. Little Rock,	(As listed on operate AR 72227	or license)	KCC W	ICHITA
Phone:	501-951-7433			JAN 24	
		ñ	c transferration		
				RECE	EIVED
t is requested that the (caption) (parag				an Antonia (24) Antonia (24)	
A. Change the author	ized injection pressure	e to: psi maximum fro	m the current permitted pres	ssure of psi.	
B. Change the author	ized injection rate to:	bbl/day maximum from	n the current rate of	bbl/day.	
C. Add ( )	or delete (	) the following leases/facilities	supplying produced saltwate	r or other fluids approved	
by the Conservation		, C			
Compa	any Name	Lease Name	Lease Descri	ption	
1	, , , , , , , , , , , , , , , , ,				
2					
8(Attach addition	al sheets if necessary				
			10010		
		I the following repressuring wells:			
( ) chang	ge the injection format	ion; or ( ) change well	construction; or (	) other:	T. a
				Vaid	100.
Mail to:	KCC - Conservatior	n Division, 266 N Main St, Ste	e 220, Wichita, Kansas 6	7202-1513 CK 6:	*100,°° 265 24/18
				16	24118

#### Offset Operators, Unleased Mineral Owners and Landowners

(Attach additional sheets if necessary)

Form U-8

Name	See Aattached	Legal Description of Leasehold

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

ATHONS	10.001	June Bohn	
		Applicant or Duly Authorized Agent	
	Subscribed and sworn to be	efore me this 22 day of January	,2018
AND NOTARY ARE	Amy Burnett Notary Public State of Kansas My ApptoExprised a Explose_	Hony Burnett Notary Public	

#### Instructions for Form U-8

Application to Amend Injection Permit

- 1. All requested changes in injection authority must be submitted with this form.
- 2. Complete the top portion, (side 1) of the form with the information requested for the pilot well, as shown on the original order or permit.
- 3. Complete the current operator information, listing the license number, current name and address, contact person and phone number.
- 4. Fill in the type of change or amendment desired. Leave blank any sections not applicable.
- 5. For amendments adding additional input wells to enhanced recovery permits, the following information must be submitted in addition to pages 1 and 2 of form U-8:
  - a) pages 1 and 2 of form U-1
  - b) an updated map, showing the new well(s) and all existing wells; page 4 of the form U-1.
  - c) a complete log of the well(s) to be added;
  - d) verification of cement (cement tickets, bond log, etc.)
- 6. Attach Affidavit of Notice Served, page 5 of form U-1.
- 7. Attach Affidavit of Publication from the official county newspaper.
- 8. This form must be signed by the applicant or an authorized agent. A notarization of the signature is required.
- 9. All applicable fees must accompany this 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	Permit Number: E-32379
Enhanced Recovery: Repressuring	API Number:15-059-26939-00-01
✓ Waterflood	Well Location
	NE - SW- NW - NW Sec. 8 Twp. 18 S. R. 21 VE W
	4292 feet from N / V S Line of Section
Date: January 22, 2018	4622 feet from $\checkmark$ E / $\bigcirc$ W Line of Section
Operator License Number: 35100	GPS Location: Lat:, Long:
Operator: R & D Oil, LLC	Datum: NAD27 NAD83 WGS84
Address: 36 Kings Arms Rd.	Lease Description: NW/4 of the Sec.8 Twp.18S R.21E
Little Rock, AR 72227	
	Lease Name: Roberson Well Number: I-2
	Field Name: Paola-Rantoul
	County: Franklin
Contact Person: William Roberson	Deepest Usable Water
Phone: 501-951-7433	Formation: Squirrel
Email:NA	Depth to Bottom of Formation: KCC WICHITA
Check One: 🗸 Old Well Being Converted Newly Drilled Well	Well to be Drilled JAN 2 4 2018
	DECEIVED
Surface Elevation: feet Well Total Depth:682 feet	Plug Back Depth: feet
Datum of top of injection formation: feet (reference mean	n sea level)
Injection Formation Description: Name top / bottom	perf / open hole depth
Squirrel 623 , 644	
	at feet
List of Wells/Facilities Supplying Produced Saltwater or Other Fluids (attach additional sheets if necessary)	Approved by the Conservation Division:
Lease Operator Lease/Facility Name	Vell ID & Spot Location
R&D Oil, LLC Roberson Lease	Sec.8 Twp.18S R.21E See Attached
2	
3	
Producing Formation Strata Depth	Total Dissolved Solids (if available)
1 to feet	mg/i
2 to feet	mg/l
17 - Y	
3.       to feet         Maximum Requested Liquid Injection Rate:       bbls / day; or	mg/l
Maximum Requested Gas Injection Rate: scf / day. Type of	Gas:
Maximum Requested Injection Pressure:550psig	

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

#### Page Two

#### Well Completion

Type: Tubin	g & Packer 🖌 P	ackerless	Tubingless		
	Conductor	Surface	Intermediate	Production	Tubing
Size		7		2 7/8	
Setting Depth		21		674	
Amount of Cement		5		104	
Top of Cement		0		0	
Bottom of Cement		21		674	
If Alternate II cementing, co	omplete the following:				
Perforations / D.V. Tool at	1	feet, cemented to	feet with	۱	_ SX.
Tubing: Type			Grade		
Packer: Type		1.	Depth		

Concentration

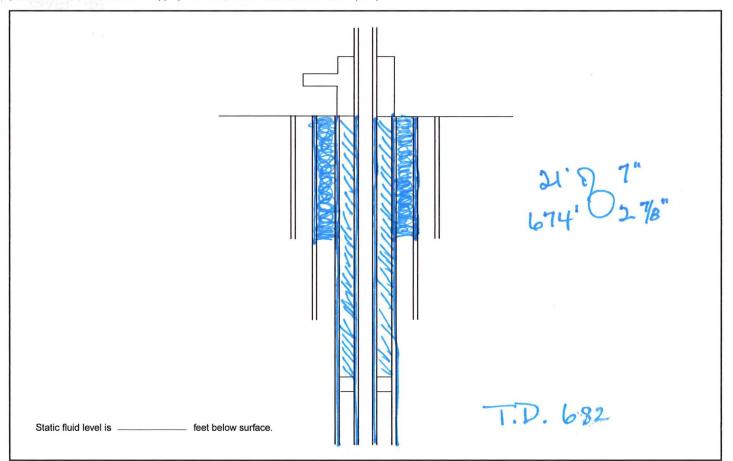
List Logs Enclosed: \_\_

Annulus Corrosion Inhibitor:

#### Well Sketch

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

Туре \_\_



Offset Operators	, Unleased Mineral	Owners and	Landowners acreage	
------------------	--------------------	------------	--------------------	--

(Attach additional sheets if necessary)

Name:	Legal Description of Leasehold:				
See Attached					
	1				
I hereby certify that the statements made herein are true and correct to the best of n	ny knowledge and belief.				
	Lun Dall				
Applicate Subscribed and sworn before	nt or Puly Authorized Agent me this day of January, _2018				
	A B II KOC MICHITA				
Amy Burnett Notary	Public JAN 2 4 2018				
State of Kansas My Con My Appt. Exp: 11-3-19	Imission Expires:				
му Аррт. Ехр. <u>11.235</u>	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.*

My Appl. Exp:

9. All application fees must accompany the application.

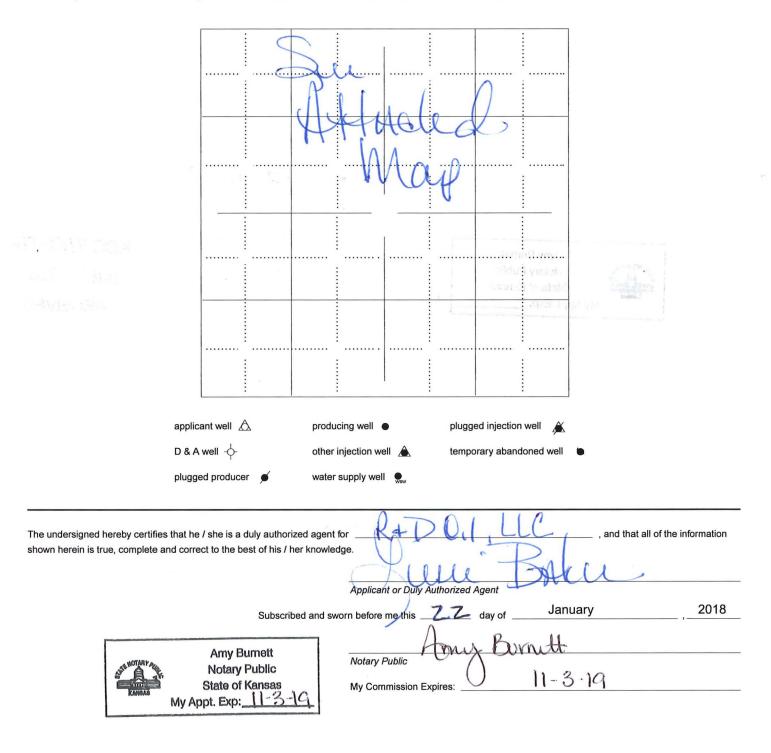
Page Four

#### Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator:	R&D Oil, LLC	Location o	f Well: N	W/4 of th	ne Sec.8 T	wp.185	S R.21E	
Lease:	Roberson Lease	4292				_ feet fror	m 🗌 N /	S Line of Section
Well Number:	I-2	4622				_ feet from	m 🖌 E /	W Line of Section
County:	Franklin	Sec	8	Twp	18	S. R	21	East West

#### Plat

Show the following information: applicant injection well, all producing wells, inactive wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.



Page Five

#### Affidavit of Notice Served

Re:	Application for:	R & D Oil, LLC					
	Well Name:	Roberson I-2	Legal Location:	NW/4 of the S	ec.8	Twp.18S R.21E	
The unde	rsigned hereby certificates that he	/ she is a duly authorized agent for the ap	plicant, and that on the day	22 of	51	January	,
20	10						

\_2018 \_\_\_\_\_, 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 JAN 2.4 2018 RECEIVED

I further atte	st that notice of the fili	ng of this application was published in	the Ottawa Herald	, the official county publication
of	Frank	klin	county. A copy of the affidavit of this publication is attached	I.
Signed this _	22 day of	January ,	2018	
			Applicant or Duly Authorized Agent	L
		Subscribed and sworr	n to before me this 222 day of Januar	ry, <u>2018</u>
	& NOTARY PL	Amy Burnett Notary Public	Notary Public Amy Burnett	
	KANNEAA	State of Kansas My Appt. Exp: 11-3-10	My Commission Expires: 011-3-19	

# 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.

## 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				Permit Number:	E	-32379		
Enhanced Recovery:	Repressuring			API Number:	15-059-	27102-00-01		
	✓ Waterflood			Well Location				
				<u>SWNWN</u> W	/ <sub>Sec.</sub> 8	TWD. 18 S. F	. 21 <b>√</b> E	W
lanuary	Tertiary	018		4074		feet from N		
Date:January				1 4040		feet from VE		
Operator License Number:				GPS Location: Lat:	(e.g. xx.xxxx)	, Long:	(e.gxxx.xxxxx)	
Operator:	R & D Oil, LL(	<u> </u>		Datum: NAD27				
Address:	36 Kings Arm	s Rd.		Lease Description:	NW/4 of th	ne Sec.8 Twp.	18S R.21E	
L	_ittle Rock, Al	R 72227						<u></u>
				Lease Name:Ro	berson	Well Number	: <b>I-3</b>	
				Field Name:	Paola	-Rantoul		
				County:	Frank	din		
Contact Person.	Villiam Rober	······································		Deepest Usable Wa	ter			
Phone:	501-951-743	3		Formation:		Squirrel		
Email:	NA			Depth to Bottom of Forr	mation:			•
							KCCM	VICHITA
Check One: 🗹 Old W	lell Being Convert	ed 🗌 Ne	ewly Drilled Well	Well to be	Drilled		•••	
Surface Elevation:	feet We	ell Total Depth:	590_ feet	Plug Back Depth:	feet		JAN 2	4 2018
Datum of top of injection form	nation:	feet	(reference mea	n sea level)			REC	EIVED
Injection Formation Des								
Name		to	p / bottom	perf / open h		dept	h	
Squirrel		632	/644	perf.	at	632 <sub>to</sub>	644	feet
			1		at	to		feet
List of Wells/Facilities S	upplying Prod	uced Saltwater o	r Other Fluids	Approved by the Con	servation Div	vision:		
(attach additional sheets if ne	ecessary)							
Lease Operator		Lease/Fac	-	Lease/Facility	-		& Spot Location	
1. R&D Oil, LLC		Roberson Lea	ise 🔬	Sec.8 Twp.1	85 R.21E	See Attac	nea	
2								
2								
	ion	Strata D	epth		otal Dissolved S	Solids <i>(if available)</i>		
3				Tc	otal Dissolved S	Solids <i>(if available)</i>		
3 Producing Format 1		to _	feet	Ta	otal Dissolved S	Solids <i>(if available)</i>		mg/l
3 Producing Format 1 2		to _	feet					_ mg/l
3 Producing Format 1 2 3	,	to to to	feet feet feet	Ττ				_ mg/l
3 Producing Format 1 2	,	to to to	feet					_ mg/l
3 Producing Format 1 2 3	Injection Rate:	to to to to tototototobb	feet feet feet feet feet feet feet					_ mg/l

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Page Two

#### Well Completion

#### Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name: See Attached	Legal D	escription of Leasehold:
I hereby certify that the statements made herein are true and correct to th	a best of my knowledge and belief. Applicant or Duly Authorized Agent	ster
Subscribed and sw	orn before me this day of	January _ 2018
Amy Burnett Notary Public State of Kansas My Appt. Exp: <u>11-3-19</u>	Notary Public My Commission Expires: 11-3	

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.*

State of Kanses

My Appl. Expl.

9. All application fees must accompany the application.

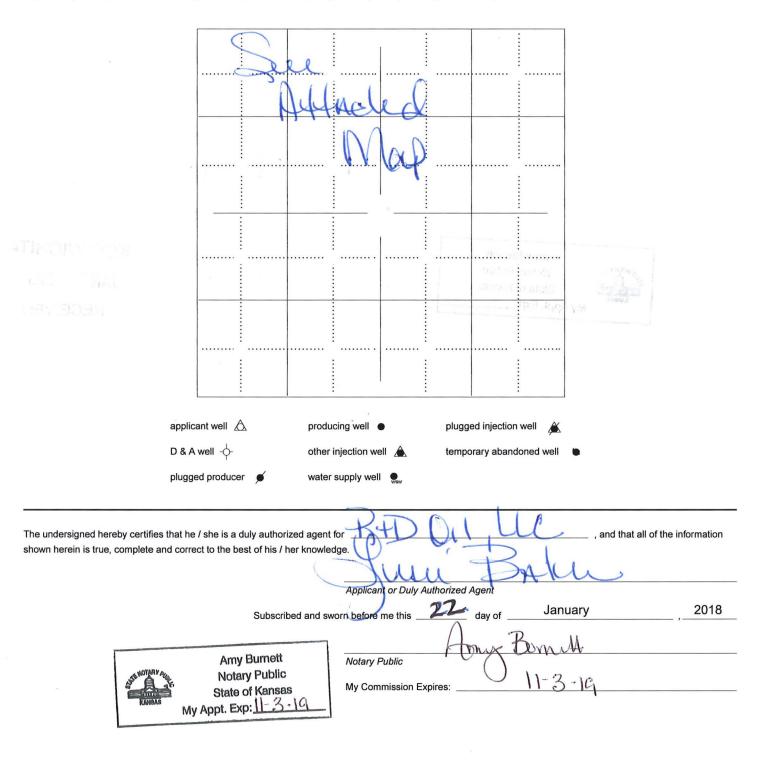
#### Page Four

#### Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator:	R&D Oil, LLC	Location o	f Well: N	W/4 of th	ne Sec.8 T	wp.188	5 R.21	E
Lease:	Roberson Lease	4371				_ feet from	m 🗌 N	N / 🖌 S Line of Section
Well Number:	I-3	4946				_ feet from	m 🖌 E	E / W Line of Section
County:	Franklin	Sec	8	. Twp	18	S. R	21	East West

#### Plat

Show the following information: applicant injection well, all producing wells, inactive wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.



Page Five

Affidav	it of Notice Served				
Re:	Application for:	R & D Oil, LLC			
	Well Name:	Roberson I-3	Legal Location:	NW/4 of the Sec.8	Twp.18S R.21E
The unde	ersigned hereby certificates that he	e / she is a duly authorized agent for the ap	oplicant, and that on the day	22 of	January
		ppy of the application referenced above wa			
Note: A	copy of this affidavit must be serve	ed as a part of the application.			
	Name		Address (Attach additional	sheets if necessary)	
See	Attached				
			2		
					KCC WICHITA
					JAN 2 4 2018
					RECEIVED
					i Vinn V tait v taities
I further a	attest that notice of the filing of this	application was published in the	Ottawa Herald		, the official county publication
of	Franklin	county.	A copy of the affidavit of thi	is publication is attached	
Signed th	nis22 day of	January , 2018	±0 ,-	DI	

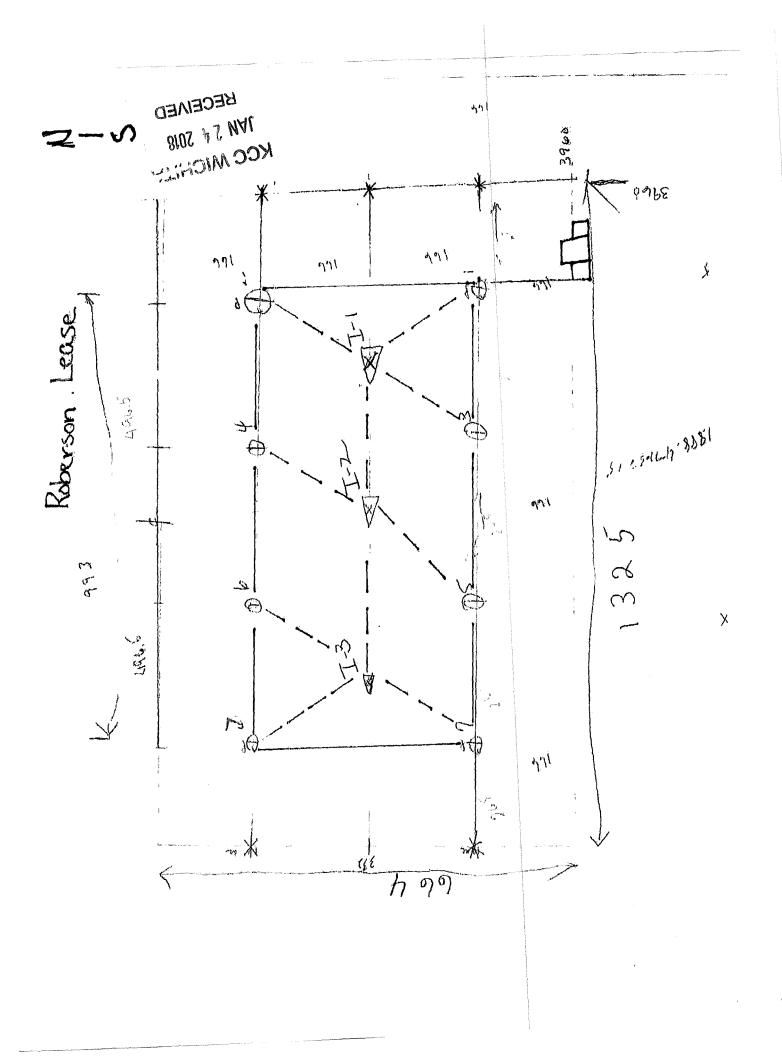
		Applicant or Duly Authorized Agent	
	Subscribed and sworn	to before me this 22 day of January , 2	018
KANSAS	Amy Burnett Notary Public State of Kansas My Appt. Exp: <u>11-3-19</u>	Notary Public My Commission Expires: 11-3-19	

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.

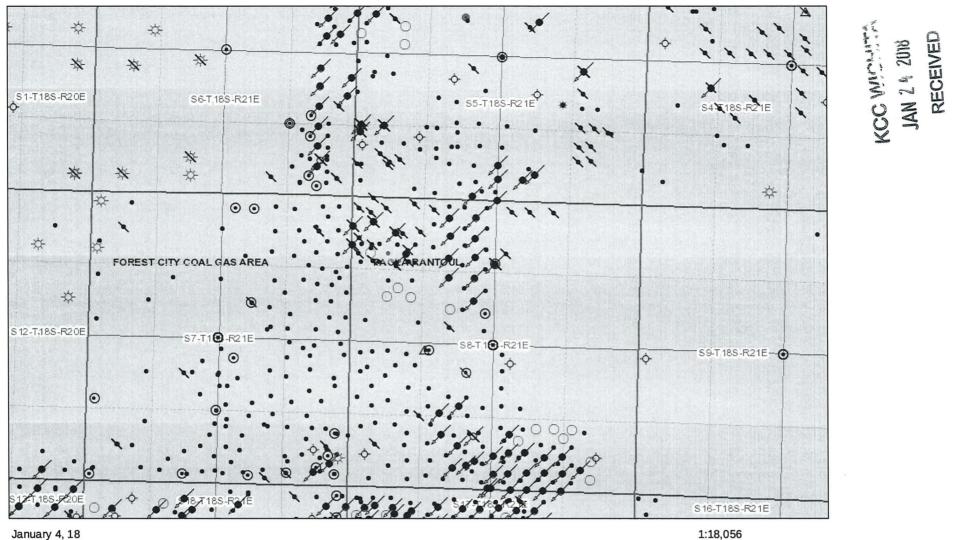
Well Inventory According to the KCC R & D Oil, LLC

Lease Name	Well	API Number	Year Drilled	Year Assume Depth	County	Sec	Twp	Rge	Dir	Q4	Q3	Q2	Q1	Feet N-S N-S	Feet E-W E-V	N Well Typ	e Well Status	Oil Lease ( Gas Lease ( Latitude	Longitude Datum
ROBERSON	1	15-059-26638-0000	2014	780	Franklin	8	18	21	E	SE	SE	NW	NW	4126 S	4126 E	OIL	PR		
ROBERSON	2	15-059-27031-0000	2015	682	Franklin	8	18	21	E	NE	SE	NW	NW	4458 S	4126 E	OIL	PR		
ROBERSON	3	15-059-27103-0000	2016	682	Franklin	8	18	21	E	SW	SE	NW	NW	4126 S	4456 E	OIL	PR		
ROBERSON	4	15-059-27104-0000	2016	682	Franklin	8	18	21	Е	NW	SE	NW	NW	4456 S	4456 E	OIL	PR		
ROBERSON	5	15-059-27032-0000	2015	682	Franklin	8	18	21	Е	SE	SW	NW	NW	4126 S	4785 E	OIL	PR		
ROBERSON	6	15-059-27105-0000	2016	691	Franklin	8	18	21	Е	NE	SW	NW	NW	4456 S	4786 E	OIL	PR		
ROBERSON	7	15-059-26639-0000	2014	704	Franklin	8	18	21	Е	SW	SW	NW	NW	4126 S	5115 E	OIL	PR	145369	
ROBERSON	8	15-059-27106-0000	2016	690	Franklin	8	18	21	Ε	NW	SW	NW	NW	4456 S	5116 E	OIL	PR		

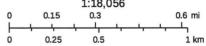
KCC WICHITA JAN 24 2018 RECEIVED



**Roberson Lease** 



BG-5 Haas Petrokum Cutter Oil



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey

Kansas Geological Survey http://maps.kgs.ku.edu/oilgas



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

PartyName	Address1	City	State	ZIP H
CLANCY, BILLY C & ANGELA M	4479 HAMILTON TER	RANTOUL	KS	66079-9080
KUCKELMAN, CLAIR H & CAROL J	608 EDGEMERE DR	OLATHE	KS	66061-4227
KUCKELMAN, CLAIRE H & CAROL J	608 EDGEMERE DR	OLATHE	KS	
KUCKELMAN, CLAIR H & CAROL J	608 EDGEMERE DR	OLATHE	KS	66061-4227 <b>X</b>
KLEITZ, LARRIE L TRUST	4596 HAMILTON RD	RANTOUL	KS	66079-9085
LEGG, JAMES H	1693 VERMONT RD	RANTOUL	KS	66079-9010
BROWN, JASON L & SARA L MARTIN-	4530 HAMILTON RD	RANTOUL	KS	66079-9085
SCHWEIGER, JOSEPH M	4540 HAMILTON RD	RANTOUL	KS	66079-9085
LEACH, JACOB & COCKBURN, TRISHA	1661 VERMONT RD	RANTOUL	KS	66079-9010
ROSENDAHL, NASH	33425 W 355 ST	OSAWATOMIE	KS	66064-4202
BROWN, HAROLD R JR & LISSA JOHNSTON, NORMAN L & DARCY	4541 JOHN BROWN RD	RANTOUL	KS	66079-9094
HOSKINS, ANGELA & PATRICK	1621 VERMONT RD	RANTOUL	KS	66079-9010
FLEMING, ALLAN R & ADELA L	4529 JOHN BROWN RD	RANTOUL	KS	66079-9094
BUIE, KAY L & JEANNIE D & DEES, DAVID	4504 JOHN BROWN RD	RANTOUL	KS	66079-9094
KATZER, JEANNINE A	34801 STANTON RD	OSAWATOMIE	KS	66064-7106
KATZER, JEANNINE A	34801 STANTON RD	OSAWATOMIE	KS	66064-7106
SAVAGE, JUDITH A TRUST	4442 HAMILTON TER	RANTOUL	KS	66079-9080
CLANCY, BILLY C & ANGELA M	4479 HAMILTON TER	RANTOUL	KS	66079-9080
RODRIGUEZ, SAUL PINEDA & PINTO, MARIA V GOMEZ	3510 N 9 ST	CARTER LAKE	IA	51510-1376
RODRIGUEZ, SAUL PINEDA & PINTO, MARIA V GOMEZ	3510 N 9 ST	CARTER LAKE	IA	51510-1376
ALEXANDER, ROGER & LINDA	15578 S BLACKFEATHER ST	OLATHE	KS	66062-3681
FRANCIS, DWIGHT D & SHERRY L	1139 W 4 ST	OSAWATOMIE	KS	66064-1216
ROACH, ROBERT F TRUST	1734 VERMONT RD	RANTOUL	KS	66079-8501
ROACH, ROBERT F TRUST	1734 VERMONT RD	RANTOUL	KS	66079-8501
ROACH, ROBERT F	13950 W 72 ST	SHAWNEE	KS	66216-3752
HOBBS, JUSTIN D & KALEIGH	1706 VERMONT RD	RANTOUL	KS	66079-8501
BICKERSTAFF, OLIVE M TRUST	1765 JACKSON RD	OTTAWA	KS	66067-8903
MULL, MONA R & JEFF L	PO BOX 178	RANTOUL	KS	66079-0178
ROBERTS, JAMES V & LYDIA D	1652 VERMONT RD	RANTOUL	KS	66079-9010
JAMES, JOHN R & LYNNE A	16355 W BRIARWOOD CT	OLATHE	KS	66062-4517
ORSER, CARL E	10408 CODY ST	OVERLAND PARK	KS	66214-2631
R & D OIL LLC	36 KINGS ARMS RD	LITTLE ROCK	AR	72227-2120
R & D OIL LLC	36 KINGS ARMS RD	LITTLE ROCK	AR	72227-2120

GROSHONG, TERRY D & ALANA L	PO BOX 13061	SHAWNEE MISSION	KS	66282-3061
GROSHONG, TERRY D & ALANA L	PO BOX 13061	SHAWNEE MISSION	KS	66282-3061
WADDLE, GEORGE B	4303 JOHN BROWN RD	RANTOUL	KS	66079-9092
WRIGHT, TAMMY M & DERYAN N	4246 JOHN BROWN RD	RANTOUL	KS	66079-9091
MADDEN, RANDY L & TERRI A	4380 JOHN BROWN RD	RANTOUL	KS	66079-9092
MILLER, BRYAN & JOY TRUST	1526 VERMONT RD	RANTOUL	KS	66079-9009
WILLIAMS, KATHERINE R	4414 JOHN BROWN RD	RANTOUL	KS	66079-9093
MADDEN, RANDY L & TERRI A	4380 JOHN BROWN RD	RANTOUL	KS	66079-9092
WADDELL, PAUL & MARY	1606 VERMONT RD	RANTOUL	KS	66079-9010
SAUNDERS, PAMELA KRISTINE	1640 VERMONT RD	RANTOUL	KS	66079-1640
OBERG, HARVEY L & COLE A	4473 JOHN BROWN RD	RANTOUL	KS	66079-9093
MADDEN, JESSE & SHANNA	4446 JOHN BROWN RD	RANTOUL	KS	66079-9093

CUT02518 CUT0255 CUT0251A CUT0251A CUT028A CUT028A CUT028A CUT028A	CLANCY, RILLY C & ANGELA M XUCKELMAN, CLARK K CAROLU	4479 HAMILTON TER									4506 HAMILTON TCK, Rentoul, KS 66079
CUT0251 CUT0251A CUT0251A CUT0258 CUT0266 CUT0266	KUCKELMAN, CLAIR H & CARDUJ			RANTOUL KS		•	-	230-202-04-0-00-00-004.00-0		010-202-04-0-00-004-000	
CUT025JC CUT025JA CUT0267 CUT0266 CUT0266C CUT0266C		<b>606 EDGEMERE DR</b>		OLATHE KS	66061-4227	•		030-202-04-0-00-00-005.00-0	504, T18, R21E, ACRES 106.2, S990 NW4 SW4 & C2 SW4 EXC TR BED 1700E SW/C 504 N384 E232 S384 W232 TD POB LESS RDW	030-202-04-0-00-005-00-0	4585 HAMILTON RD, Rentoul, KS 66079
CUT0251A CUT0287 CUT0288 CUT0288C CUT0288A	KUCKELMAN, CLAIRE H & CAROL J	603 EDGEMERE DR		OLATHE CS	0001-1227	•	0	30-202-04-0-00-00-005,01-0	504, T18, R21E, ACRES 1.4, TR BEG 1700E SW/C N184 E232 5384 W232 TO POB LESS ROW	0-10-202-00-00-00-00-202-0E0	4569 HAMILTON RD, Rantoul, KS 66079
CUTO287 CUTO288 CUTO288C CUTO288A	KUCKELMAN, CLAIR H & CARDLJ	606 EDGEMERE DR		OLATHE KS	66061-4227	•	Ű	00-202-04-0-00-00-000-00-0	504. T18. R21E. AC9ES 40.1. SW4 SW4 LESS ROW	030-202-04-0-00-000.00-0	1725 VERMONT RD, Rantoul, KS 66079
CUT0288 CUT0268A CUT0268A	KLETTL LARRIE L'TRUST	4596 HAMILTON RD		RANTOUL KS	66079-9085	•		010-202-09-0-00-00-001/00-0	509, T18, R216, ACRES 133.2, E2 NW4 EXCN234 W231 & N2 NE4 EXC TR BEG 68TW NE/C NE4 5345 W647, 5327 W1335 N647 E3883 TO PGB LE5S ROW	0-00-00-00-0-0-00-000	4596 HAMILTON RD, Rantoul, ICS 66079
CUT0268C CUT0268A	LEDG, JAMES H	1693 VERMONT RD		RANTOUL KS	66079-9010	6		030-202-09-0-00-004:00-0	200, T18, R216, ACRES 8.6, W436 M596 NW4 NW4 LESS ROW	030-202-09-0-00-00-001:00-0	1693 VERMONT RD, Rentoul, KS 66079
CUTOTARA	BROWN, JASON L & SARA L MARTIN-	4520 HAMILTON RD		RANTOUL KS	66079-9085	6		0-10-202-09-0-00-00-001-01	5 509. T18. K31E , ACRES 9.7. TH BEO 414.4E MW/C NW4 E430.7 5396.9 W436.7 N397.6 TO POE L455 ROW	010-202-09-0-00-004/01-0	4530 HAMILTON RD, Rantoul, KS 66079
CITCORAD	SCHWEIGER, JOSEPH M	4540 HAMILTON RD		RANTOUL KS	2006-64092	6		0-201-00-00-00-00-00-202-020	509, T18, R21E, ACRES 10.8, TR BC0 873-2E NW/C E680-3 5214-5 W24E-4 5781.7 W430.1 NB80-9 TO PC0 LT55 ROW AKA TR 2	0-00-00-00-00-00-00-00-00-00-00-00-00-0	4540 HAMILTON ND, Rantoul, KS 66079
	LEACH, JACOD & COCKEURN, TRISHA	1661 VERMONT RD		RANTOUL KS	0106-6/099	a	ľ	010-202-09-0-00-00-00101-0	509. T18. R21C . ACRCS 9.6. TR BED 292.35 NW/C NW4 2.1212.4 5.1212.9 W121.18 L1012.4 500 L255 ROW	0-10-202-09-0-00-00-010	1661 VERMONT ND, Rentaul, KS 66079
CUT0266L	ROSENDAHL MASH	72 225 W 254CC		CAWATOMIC KS	66064-4202	•	Ĭ	0-10-202-09-0-00-00-00-010	909, T18, RD1E, RC1ES 9.6, TR BEG 1904.15 NW/C SW4 E1211, 8 5312,1 W1511, 8 5111, 70 POB LESS ROW	030-202-09-0-00-004:04-0	1641 VERMONT RD, Rantoul, KS 66079
CUTO2848	BROWN, HAROLD RUR & LISSA JOHNSTON, NORMAN L& DARCY	<b>4541 JOHN BROWN RD</b>		RANTOUL KS	10019-9034	a	Ū	0-201-09-0-00-00-004.05-0	509. T18, R215, ACH25 93, T8, E8G 873.54 24/C M997.3 4437.6 5807.3 W435.9 T0 POB LT55 RDW AXA TR 8	030-202-09-0-00-004.05-0	4541 JOHN BROWN RD, Rantoul, K5 66079
CUTOZANG	HOSKINS, ANDELA & PATRICK	1621 VERMONT RD		RW/TOUL KS	0106-6/099	5		0-201-00-00-00-00-001	0 508, 118, R318, ACRES 4.5, TR REG NW/C NW4 M897,3, P436,7, 5937,3, W436,7 TO POB 155 ROW	030-202-09-0-00-00-00107-0	1621 VERMONT RD, Rantoul, KS 66079
CUT028501	FLEMING, ALLAN R & ADELA L	<b>GR NWORD NHO, 6524</b>		RANTOUL IS	160019-9094	8	D 312 91	130-202-09-0-00-004.08-0	509. T14. K21E, ACHES 9.5. TR REO 426.7E SW/C NWA N997.3 E436.7 S997.7 W446.7 TO POB LESS ROW	030-202-09-0-00-00-08-0	4529 JOHN BROWN RD, Rentout, KS 66079
CUT0289	BUIE, KAY LE JEANNIE DE DEES, DAVID	4504 XOHN BROWN RD		RANTGUL KS	1606-64099	a		330-202-09-0-00-005,00-0	509, TJB, RZJE, AGRES 75,4, WZ SW4 LESS RDW	010-202-09-0-00-005.00-0	4504 JOHN BROWN RD, Rentoul, KS 66079
CUT029045	KAYZER, JEANNINE A	34601 STANTON RD		DSAWATOMIE KS	0012-10099	e	Ŭ	130-202-09-0-00-00-000.06-0	509, T18, R21C, ACRES 18,7, N/4 E2 SW4 LESS RDW	010-202-09-0-00-006.06-0	4590 JOHN BROWN RD, Rentoul, X5 06079
CUT020046	KATZER, JEANNINE A	24501 STANTON RD		OSAWATOMIE KS	66064-7106	å	Ū	0-202-09-0-00-00-000-011	0 509. T18, R21C, ACRES 60.7, S 3/4 E/2 SW4 LESS ROW	030-202-09-0-00-00-006.07-0	4574 JOHN BROWN DR. Rentoul, K5 66079
CUT0254	SAVAGE, JUDITH A TRUST	4442 HAMILTON TER		RANTOUL KS	0809-9090	2	Ŭ	130-203-05-0-00-003.00-0	205, T18, R112, ACRES 319.13, 52 NW4 & SW4 & W2 SIA LESS ROW	0-00-00-00-02-0-50-002-000	4442 HAMILTON TER, Restaul, KS 66079
CUT0257	CLANCY, BILLY C & ANGELA M	4479 HAMILTON TER		RANTOUL KS	08079-9080	-	Ű	30-203-05-0-00-00-004.00-0	VERMONT ACRES (5-18-21), Let 1, ACRES 5.0, SECTION 05 TOWNSHIP 18 RANGE 21E	030-203-05-0-00-00-001,00-0	
CUT0257A	RODRIGUEZ, SAUL PINEDA & PINTO, MARIA V GOMEZ			CARTER LAKE IA	51510-1376	•	Ī	030-203-05-0-00-00-004.01-0		010-203-05-0-00-00-001-0	4474 HAMILTON TER, Rentoul, KS 66079
CUT02578	RODRIGUEZ, SAUL PINEDA & PINTO, MARIA V GOMEZ	3510 N 9 ST LO'	201 305	CARTER LAKE IA	51510-1176	5	Ŭ	10-203-05-0-00-00-001.02-0	VERMONT ACRES 15-18-21), LOR 3, ACRES 5.0, SECTION 05 TOWNSHIP 18 RANGE 21E	0.10.203-05-0-00-00-00102-010	4458 HAMILTON TUR, Rentoul, KS 66079
CUTE257C	ALEXANDER, RODER & UNDA	15578 5 BLACKFLATHER ST		OLATHE KS	66062-3683	ۍ	Ĩ	0-203-02-02-02-02-02-020-02-020	VERMONT ACRES (5-18-21), Lot 4, ACRES 10.2, SECTION OS TOWNSKEP 18 RANGE 21E	0-00-00-00-00-00-00-000	1774 VERMONT RD, Rentoul, K5 66079
cuT0257D	FRANCIS, DWIGHT D. & SHERRY L	1139 W 4 ST		OSAWATOMIE KS	6004-1216	5	Ŭ	10-203-05-0-00-004.04-0		010-203-02-00-00-00102-002	
CUT0257E	ROACH, ROBERT F TRUST	1734 VERMONT RD		RANTOUL KS	60079-6501		Ŭ	10-203-05-0-00-00-004.05-0		0-50,100-00-00-0-02-002-000	
CUT0257F	ROACH, ROBERT F TRUST	1714 VERMONT RD		RANTOUL KS	1028-07098	s		10-203-05-0-00-00-004.06-0		030-203-05-0-00-00-001.06-0	
CUT0257G	ROACH, ROBERT F	13950 W 72 ST		SHAWNEE XS	66210-3752	ŝ	18 21E 0	230-203-05-0-00-00-004.07-0		030-203-05-0-00-00-004,07-0	
CUT0257H	HORES, JUSTIN D & KALEIGH	1706 VERMONT RD		RANTOUL KS	1028-0209	•	÷	0-101-02-0-00-00-001-01-0		0-80-100-00-00-00-02-020	
CUT0273	DICKERSTAFF, OUVE M TRUST	T705 JACKSON RD		OTTAWA K5	60067-8003	•	Ť	0.00.203-08-0-00-00-002.00-0		030-203-06-0-00-001.00-0	
CUT0273A	MULL, MONA R & JEFF L	PO BOX 178		RANTOUL KS	8410-64099	•		0-10100-00-00-00-101-010		010-203-06-00-00-001:01-0	
CUT0273B	RODERTS, JAMES V & LYDIA D	1652 VERMONT RD		RANTOUL KG	0106-64,029	5		0-201-00-00-00-00102-022	2 508, T15, K111, ACIK5 71.1. TR B16 1063,25 NE/C NE4 \$266,6 W1300.B N592,5 E672 5340 K600 TD POB L155 HOW	010-203-08-0-00-001:02-0	1652 VERMONT RD, Rantoul, KS 66079
CUT0276	JAMES, JOHN R & LYNNE A	16355 W BRIAKWOOD CT		CLATHE KS	1121-12058	*0	15 210 0	0-00-00-00-00-00-001-00-0	2 508.115.421f.4CHE57D.7.W2.NE4.155.RDW	030-203-06-0-00-002,00-0	
CUT0275	OKSEK' CANT E	10406 CODY ST		OVERLAND PARK KS	66214-2631	•0	Ū	0-00-00-00-00-00-001-000	2 508, T15, R216, AGRES 117, A, E2 NW4 & SW4 NW4 (ESS ROW	030-201-06-00-00-001,00-0	4363 JOHN BROWN RD, Rantoul, KS 66079
CUT0274	8 & DOILLIC	36 KINGS ARMS RD		UTTLE ROCK AR	72227-2120	•		10-203-08-0-00-00-001.00-0		030-203-08-0-00-00-004-00-0	
CUT0274A	R & DOILLLC	36 KINGS ARMS RD		NTTLE ROCK AS	72227-2120	13		0-10-203-08-0-00-00-004-01-0	508. T18. R215, ACRES 9.0. TR BCD 5W/C NW4 NW4 WW4 W212 C1315.9 S1312.1 W1313.5 TD PDB LESS ROW	0-10-203-06-00-00-00102-010	1657 UTAH RD, Rantoul, XS 60079
CUT0274B	GROSHONG, TERRY D & ALANA L	PO BOX 13041		SHAWING MISSION IS	1901-2029	10	1 212 81	0-203-08-0-00-00-004:02-0	5. 548, 118, KLJE, ACRES 9.8, TR BED 332.25 NW/C NW4 E1326.7 SLI21.1 W1236.3 KLJ22.4 YO POB LESS ROW	010-203-06-0-00-004.02-0	1683 UTAH RD, Rantoul, KS 66079
CUT6274C	GROSHONO, TERRY D & ALANA L	PO BOX 11061		SHAWNEE MISSION IS	1001-20290	*	Ū	0-101-00-00-00-0-80-102-011	vos, t18. s21t, Acres 9.8. i r bed nw/c nw4 zets 112 et 2 vizes / n232 to Pob LES row	010-201-08-0-00-004.03-0	1625 UTAH RD, Rentoul, KS 66079
CUTO261A	WADDLL, GEORGE B	<b>GRAWORD NHOLEDEA</b>		RANTOUL KS	66079-8092	**	Č	0-00-00-00-00-00-00-001	2 548.714.7212.774 840 3502 544/5 MW4 2305 544/5 725 N300 70 PDB	010-201-08-0-00-005.00-0	4303 JOHN BROWN RD, Rantoul, K5 66079
cutezet	WRIGHT, TAMMAT M & DERYAN N	CH NWORD NHOL BY SA		RANTOUL KS	1004-64099	•	Č	0-00-00-00-00-00-00-000	2. SAR, TIS, RZJE, ACRES 70.4, W2 SW4 EXCTR IEG 30E SW/C WW4 E200 SW17275 N200 TO POB	010-201-08-0-00-00 000 00-00-0	4240 JOHN BROWN RD, Rentoul, KS 60079
CUT0282	MADDEN, RANDY LE YEAR A	<b>GIR NUMBEROWIN RD</b>		RANTOUL KS	66079-9092	•	Č	0-00/200-00-00-00-002-000		030-203-08-0-00-007.02-0	
CUTO283	NELLER, BRYAN & JOY TRUST	1526 VERMONT RD		RANTOUL KS	6000-62099	•	č	0-00300-00-00-00-80-202-000	2 SOR, TIS, REJE, ACRES 78.62, SZ SEA LESS ROW	010-203-06-00-00-008:00-0	
CUTO2BOA	WILLIAMS, KATHERINE R	4414 JOHN BROWN RD		RANTOUL KS	66079-9093	*	Ū	130-203-06-00-00-010.00-0		010-203-05-0-00-010.00-0	
CUT02808	MADDEN, RANDY L & TERRI A	<b>DR NWORD NHOLOBOR</b>		RANTOUL KS	56079-9092	*1	Ĭ	110-203-06-0-00-0011.00-0	sou, tia, kuik, acaks sad. Az sea exec ta uko idiaw nw/c sea suda widat nuza wisas naor to pou less row	030-203-08-0-00-00-011.00-0	4446 JOHN BROWN RD, Rantoul, KS 66079
CUT02778	WADDELL, PAUL & MARY	1606 VERMONT RD		RUNTOUL KS	0108-64092			230-203-06-00-00-012.00-0	2 SOB.TIA. AZARS.R.3.SE4.SE4.RE4.LESS.ROW	010-203-04-0-00-02-012.00-0	1606 VERMONT RD, Rantoul, KS 86079
CUT0277	SAUNDERS, PAMELA KRISTINE	1640 VERMONT RD		RANTOUL KS	010-1010	•	18 215 6	0-00'00-00-00-00-002-000	2 SOB, TJA, PZJE, ACRES 9.3, NEA SEA NEA LESS ROW	010-203-05-0-00-013.00-0	1640 VERMONT RD, Rantoul, KS 66079
CUT0277A	OBERG, HARVEY L & COLE A	4473 JOHN BROWN ND		RANTOUL KS	66079-9093	•		135-203-06-0-00-014,00-0		010-203-06-0-00-014.00-0	4473 JOHN BROWN RD, Rantoul, KS 66079
030-203-06-0-00-012.01-0	MADDEN, JESSE & SHANNA	4446 JOHN BROWN RD		RANTOUL KS	00219-9033	•	18 21E C	010-201-06-0-00-00-011.01-0	566. T13. R216. ACRES 18.4. TR BFG 5355 NW/C SE4 E1343 5630 W1343 N610 TO PGB LESS ROW	030-203-06-0-00-00-011.01-0	4446 JOHN BROWN RD, Rentoul, KS 65079

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## KOLAR Document ID: 1378579

Confide	ntiality Requested:
Yes	🖌 No

## 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	<b>COMPLETION FOR</b>	RM
WELL	HISTORY	- DESCRIPTION OF WEL	L & LEASE

OPERATOR: License #35100	API No.: 15-059-26939-00-01
Name: R & D Oil, LLC	Spot Description:
Address 1: _36 KINGS ARMS RD	<u>NE - SW-NW</u> -NW Sec. 8 Twp. <u>18</u> S. R. <u>21</u> √ East West
Address 2:	4292 Feet from North / South Line of Section
City: LITTLE ROCK State: AR Zip: 72227 +	4622 Feet from 🗹 East / 🗌 West Line of Section
Contact Person: Denney Gillett	Footages Calculated from Nearest Outside Section Corner:
Phone: (501 ) 951-7433	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License # <u>34223</u>	
Name:	GPS Location: Lat:, Long:, (e.gxxx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist: NA	Datum: NAD27 NAD83 WGS84
Purchaser:	County: Franklin
	Lease Name: <u>ROBERSON</u> Well #: <u>I-2</u>
Designate Type of Completion:	Field Name:
New Well Re-Entry Vorkover	Producing Formation: Squirrel
	Elevation: Ground: 1020 Kelly Bushing: 0
Gas DH I EOR	Total Vertical Depth: <u>682</u> Plug Back Total Depth:
OG GSW     GSW     CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: 21 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:R&D Oil, LLC	If Alternate II completion, cement circulated from:
Well Name: _Roberson I-2	feet depth to:w/sx cmt.
Original Comp. Date: 3/10/2015 Original Total Depth: 682	
□ Deepening □ Re-perf.	Duilling Fluid Monogeneent Blog
Plug Back Liner Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	Dewatering method used.
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
1/8/2018 1/8/2018	Quarter Sec TwpS. R [] East [] West
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         Recompletion Date	Danati la
	County: Permit #:
NOC W	N.C.
Kos	N 16 2018
NAL NAL	
R	ECEIVED
AFFIDAVIT	KCC Office Use ONLY
I am the affiant and I hereby certify that all requirements of the statutes, rules regulations promulgated to regulate the oil and gas industry have been fully comp	Confidentiality Deguacted
with and the statements herein are complete and correct to the best of my knowled	dge Date:
	Confidential Release Date:     Wireline Log Received     Drill Stem Tests Received
Submitted Electronically	Geologist Report / Mud Logs Received
	UIC Distribution
	ALT I VII Approved by: Karen Ritter Date: 01/08/2018

#### KOLAR Document ID: 1378579

Operator Name:	R&DC	Dil,	LLC		Lease Name: ROBERSON Well #: 1-2
Sec. 8 Tv	vp. 18	S.	R. 21	East West	County: Franklin

Page Two

**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).

Drill Stem Tests T (Attach Additi	es 🗸 No	Log Formation (Top), Depth and Datum					Sample				
Samples Sent to	Geological S	urvey	ΩY	és 🗹 No		Na NA	ne		Top NA	Datum NA	
Cores Taken Electric Log Run Geolgist Report / List All E. Logs R	' Mud Logs	ŗ	☐ Yes								
Ũ											
			Rep	CASING	RECORD	Learned 1					
Purpose of Str	ring	Size Hole Drilled		ze Casing it (In O.D.)		eight s. / Ft.	Setti Dep			Type and Percent Additives	
Surface	9.87	75	7		10		21	Portland	5	50/50 POZ	
Production	5.87	75	2.875		8		674	Portland	104	50/50 POZ	
				ADDITIONA	L CEMEN	ring / sc	UEEZE RE	CORD			
Purpose: Depth Perforate Top Bottom			Туре	e of Cement	# Sacks Used		Type and Percent Additives				
Protect Cas Plug Back	TD										
Plug Off Zo	one -										
<ol> <li>Did you perform</li> <li>Does the volume</li> <li>Was the hydrauli</li> </ol>	of the total ba	se fluid of the l	nydraulic fr	acturing treatmer		-	llons?	Yes No (If I	Vo, skip questions 2 á Vo. skip question 3) Vo, fill out Page Threa		
Date of first Produc Injection:	ction/Injection o	or Resumed Pro	oduction/	Producing Mel	ihod:	oing	Gas Lift	Other (Explain)			
Estimated Product Per 24 Hours	tion	Oil	Bbls.	Gas	Mcf	W	ater	Bbls.	Gas-Oil Ratio	Gravity	
DISPC	SITION OF G	AS:			METHOD (	OF COMP	ETION:		PRODUCT	ION INTERVAL:	
	,	sed on Lease		Open Hole [	✓ Perf.		lly Comp. nit ACO-5)	Commingled (Submit ACO-4)	Тор 623	Bottom 644	
	d, Submit ACO-										
Shots Per Foot	Perforation Top	Perfora Botto		Bridge Plug Type	Bridge F Set A				ot, Cementing Squeez Ind Kind of Material Use		
	623	644					······				
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~										
TUBING RECORD	): Size	9:	Set At:		Packer At:						

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion	
Operator	R & D Oil, LLC	
Well Name	ROBERSON I-2	
Doc ID	1378579	

# Casing

a second s	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9.875	7	10	21	Portland	5	50/50 POZ
Production	5.875	2.875	8	674	Portland	104	50/50 POZ

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SPUD DATE: 10 Mare	h ROI	5	]			4		
	1001			and the second				
LEASE: ROLPASON		J		UTA				
LEASE OPERATOR: Denny	Gillet	tp.						
WELL: 1-2	n Xandani ing Bania				1877			
API: 15-059-21	- 939							
SEC: TWP:	RNG:							
COUNTY: FRANKlin								
DRILLERS NAME: Ronn	e Ho	wan	)	239	4 UTA	H ROAI		
RIG #: \						KS 660'		
SURFACE: SIZE BIT 9718	LENO	STH A	01611	SIZE 711	EMENT	5 Ba	95	
DRILL BIT SIZE 57/8		гн <u>673</u>				* 11	NG.	÷
DRILL BIT SIZE		TH OID		SIZE 2 100	BAFFLE	<u></u>		
TD 602 CORED	NH	*						
FORMATIONS	THICKNESS	FROM	то	FORMATION		THICKNESS	FROM	то
Sell	This miless	Ø	3	LIMC		()	456	462
Lime	14	3	1-7	Shale		24	467	476
Shale	127	17	44	Lime		H	486	490
Lime	18	44	62	Shale		12	490	503
Shale	112	62	74	Line		6	502	508
Line	1	74	75	Shall		48	508	556
Shale	a	75	77	Coal		4	556	560
Lime		77	78	Line		5	560	565
Shale	76	78	154	Shale		3	565	568
Lime	18	154	172	Lime		ર	568	570
Shale	118	172	190	Shale	1		570	581
Lime	2	190	192	Lime		3	581	584
Shale	2	192		Shale/Cog!		10	584	594 598
Line	3	194	197	Lime		4	594	
Shale	36	197	233	And the second se		13	598	611
Ling	17	233	240	Line/coal 3r	velly	3	611	614
Shale		ब्र्य0	241	Limey Sund (B	Bleel	<u></u>	614	617
Lime	+	र्ट्स	250	Lime		1	617	618
Shale	1-2-	850	252	Shale Broken JO% AM	win m	4	618	622
Ling Shall	10	252	266	Broken 10% gr oil Sand great	Blee	4		630
Limp	10	266	292	oil Sand great	Blue	4	626	634
Shale	2	202	204	Broken BD90	Bonzin		634	638
Line	10	284	294	Shule TD	- Preck	44	638	680
Shale	- <u>10</u> B	294	294		£			1020
Lime	23	302	425				Lutt	+
roal	3	325	328	· · · · · · · · · · · · · · · · · · ·	КĊ	CMIE	Trucker	1
Line	4	328	332			N 24	2018	1
Shale	a	332	334				Len	1
Lime Kicz	7	334	341			RECE	WEN	1
Shale	115	341	456			1	· ·	1

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250 N. Water, Ste 200 - Wichita, Ks 67202

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#### 104 Prairie Plaza Parkway - Garnett, Ks 66032

Eustaiper	Denny Gil	anny Gillete								Tick	•1 Ho.s	500	17	
Adamson	64				APE He.						Oator	3/12/201	5	
City, State, Zige				Jub type	LONGSTAING (NEW WELL)					}	,			
Service Districts				Wall Catalian	TO 68	25	7/8'	HOLE	2 7/8'	CAS	ING TO	673.80'		
Well nems & Ha,	Robertsor	n  -2			Well Location	sec 8/	18/2	1	Country	Franklir	,	Stat	Kansa	3
Equipment #	Driver	Equipment #	Driver	Equipment #	Hours	TRUCI	K CAL	LED					<u>м</u> ни	TAN
230	ALEX					ARRIV	ED AT	JOE	)				2	1:30PM
extra	JESSIE					STAR	OPE	RATI	ON				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
110	JUNIOR					FINISH	OPE	RATI	ON				35	3pm
109	Rick					RELE/	SED						Line Line	
25	Dwayne			1		MILES	FROM	A ST	ATION T	O WELL				20
26	Dwayne			<u> </u> Tre	eatment Su	Statement of the local division of the local		A ST	ATION T	O WELL				

Hook onto well and establish circulation then pump 10 Bbrl gel flush followed by a 15 Bbrl pad and start cement pump 104 sacks of cement then stop and flush pump then pump wiper plug to bottom and shul in.

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	ltem Discount	Net Amo
p01603	60/40 Pozmix Cement	sack	104,00	\$12.00	\$1,248.00	10.00%	\$1,123
p01607	Bentonite Gel	lb	200.00	\$0.30	\$60.00	10.00%	\$54
p02000	H2O	gal	4,000.00	\$0.01	\$52.00	10.00%	\$46
p01607	Bentonito Gel 2%	lb	179.00	\$0.30	\$53.70	10.00%	\$48
c00101	Heavy Equip. One Way	mi	20.00	\$3.25	\$65.00	10,00%	\$58
c00102	Light Equip. One Way	mi	20,00	\$1.50	\$30.00	10.00%	\$27
p01631	Rubber 2 7/8	éa	1.00	\$25.00	\$25.00		\$25
23003	Cement Pump (Multiple wells)	ea	1.00	\$675.00	\$675.00	10.00%	\$607
24201	Cement Bulk Truck - Minimum	ea	1.00	\$300.00	\$300.00	10.00%	\$270
c11000	Vacuum Truck 80 bbi	ea	2.00	\$84.00	\$168.00	10.00%	\$151
0900	Vacuum Truck 80 bbi	<u>ea</u>	2.00	\$84.00	\$168.00	10.00%	\$151
						· · · · · · · · · · · · · · · · · · ·	
ERMS: Cash in advar irms of sale for approv	ice unless Hurricane Services for tas approved credit prior to aslo. Credit red accounts are total invoice due on or before the 30th day from the date.			Gross:	\$ 2,844.70	Net:	\$ 2,562.
Invoice. Past due so	counts may pay interest on the balance past due at the rate of 1.14% per allowable by applicable state or federal taws if such laws limit interest to	Total	Taxable	\$1,297.33	Tax Rate:		>
lossor errount. In the	event it is necessary to employ an agency and/or attempt to attect the		orvice treatments des oduction on newly dri			Sale Tax:	\$ .
conceptor of said account. Customor hereby agrees to pay all fees directly or indirectly incurred for such contection, in the overit that Customar's account with HSI bacomes definquent, HSI has on dight to revoke any and all discounts previously agrees in arriving at het Invoice price. Upon			wells are not taxable			Total:	\$ 2,562,
vocation, the toil invo bject to collection.	Ice price without discount will become Immediately due and owing and		Date of Service:	<del>,,</del>	3/12/2015		
x			l Representative: r Representative:		Dwayna Denny		
	CURTONER AUTHORIZED AGENT		2				
	Customer Comments or Concerns:						

Hurricano Solvices approciates any Comments, Concerns or Criticism's from our valuable customers as Safety and Customer Satisfaction are our Number 1 goal. All Comments are confidential and will be used in a constructive manner to improve our Safety and Job Performance.

## KOLAR Document ID: 1378984

Confide	ntiality Requested:
Yes	🖌 No

## 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 #_35100	API No.:15-059-27102-00-01
Name: R & D Oil, LLC	Spot Description:
Address 1: _36 KINGS ARMS RD	
Address 2:	4371 Feet from North / South Line of Section
City: LITTLE ROCK State: AR Zip: 72227	4946 Feet from 🗹 East / 🗌 West Line of Section
Contact Person: Denney Gillett	Footages Calculated from Nearest Outside Section Corner:
Phone: (501 ) 951-7433	
CONTRACTOR: License # <u>34223</u>	
Name:	GPS Location: Lat:, Long:, (e.gxxx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist: NA	Datum: NAD27 NAD83 WGS84
Purchaser:	County: Franklin
Designate Type of Completion:	Lease Name: ROBERSON Well #: I-3
New Well Re-Entry ✓ Workover	Field Name:
	Producing Formation: Squirrel
☐ Oil	Elevation: Ground: 1026 Kelly Bushing:0
☐ Gas ☐ DH	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: 22 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: R&D OIL LLC	If Alternate II completion, cement circulated from:
Well Name: Roberson I-3	feet depth to:w/sx cmt.
Original Comp. Date: <u>4/15/2016</u> Original Total Depth: <u>690</u>	
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)
	Chloride content: ppm Fluid volume: bbis
	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	
GSW Permit #:	Operator Name:
1/8/2018 1/8/2018	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Permit #:
	WICHITA N 2 4 2018 RECEIVED RCC Office Use ONLY
KCC	AA12.
· · · ·	124 2010
JW	TOEIVED
AFFIDAVIT	KCC Office Use ONLY
r an ne aman and r nereby certify that an requirements of the statutes, rules	Confidentiality Deguasted
regulations promulgated to regulate the oil and gas industry have been fully comp with and the statements herein are complete and correct to the best of my knowler	
	Confidential Release Date:
Submitted Electronically	Wireline Log Received Drill Stem Tests Received Geologist Report / Mud Logs Received
Submitted Electronically	✓ UIC Distribution
	ALT I VIII Approved by: Karen Ritter Date: 01/10/2018

## KOLAR Document ID: 1378984

Operator Name:	R&DO	il, LLC		Lease Name: ROBERSON	Well #:
Sec. 8 Tw	vp. <u>18</u>	в. <sub>R.</sub> <u>21</u>	✓ East West	County: Franklin	

Page Two

**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).

Drill Stem Tests Taken Yes V No (Attach Additional Sheets)						Log Formation (Top), Depth and Datum						
Samples Sent to Cores Taken Electric Log Run Geolgist Report / List All E. Logs R	/ Mud Logs	Survey	Y	es 🗸 No es 🗸 No es 🗸 No es 🗸 No		Na Gar	me nmaRay			Тор 20	Datum GL	
[												
			Repo	CASING ort all strings set	RECORD			Used Ite, producti	on, etc.			
Purpose of Str	ring	Size Hole Drilled		ze Casing t (In O.D.)		eight s. / Ft.		Setting Depth	Type o Cemei		Type and Percent Additives	
Surface	9		7		10		22		Portland	5	60/40 POZ	
Production	5.6	25	2.875		8		670		Portland	100	60/40 POZ	
				ADDITIONA		ring / So		RECORD				
Purpose: Depth Perforate Top Bottom			Type of Cement		# Sacl	# Sacks Used		Sed Type and Percent Additives				
Protect Cas Plug Back	то											
<ol> <li>Did you perform</li> <li>Does the volume</li> <li>Was the hydrauli</li> </ol>	e of the total b	ase fluid of the	hydraulic fra	acturing treatme		-		Yes Yes Yes	No (If	No, skip questions 2 i No, skip question 3) No, fill out Page Three	·	
Date of first Produc Injection:	ction/Injection	or Resumed Pr	oduction/	Producing Me	lhod:	ing [	Gas Li	ít 🗌 C	)ther <i>(Explain,</i>	)		
Estimated Product Per 24 Hours		Oil	Bbls.	Gas	Mcf	w	ater	В	bls.	Gas-Oil Ratio	Gravity	
Vented	DSITION OF G	Jsed on Lease			METHOD C ✓ Perf.	Dua	LETION: Ily Comp nit ACO-5		nmingled mit ACO-4)	PRODUCT Top 632	ION INTERVAL: Bottom 644	
Shots Per Foot	Perforation Top	n Perfor Botte	ation om	Bridge Plug Type	Bridge P Set A			Acid,	Fracture, Sh (Amount al	ot, Cementing Squeez nd Kind of Material Use	e Record d)	
	632	644										
									**************************************			
TUBING RECORD	D: Siz	2e:	Set At:		Packer At:							

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion	
Operator	R & D Oil, LLC	
Well Name	ROBERSON I-3	
Doc ID	1378984	

# Casing

the second se		Size Casing	Weight	Setting Depth	Type Of Cement	Sacks	of Type and Percent
Surface	9	Set 7	10	22	Portland	Used 5	Additives 60/40 POZ
Production	5.625	2.875	8	670	Portland	100	60/40 POZ

KCC WICHITA JAN 24 2018 RECEIVED

FINISH DATE:				887 Y 1969 . 88		A		
LEASE: Robertson				IJTA				
LEASE OPERATOR: R C								
WELL: <u>7-3</u>								
API: 15-059-2710								
SEC: <u>8</u> TWP: / <u>8</u>	RNG:	d A	<u> </u>					
COUNTY:				`` 990 <i>/</i>	l UTAH	T BAAT	B	
DRILLERS NAME: 15 rad	dra	cs/m			oul, k			4
·	******				-		1	
SURFACE: SIZE BIT 7/8	LENG	GTH	2-	, \$17E CE	MENT_		2695	
DRILL BIT SIZE 5/g	_ LENGT	гм <u>(</u> Д	0	SIZE	BAFFLE			
TD <u>490</u> CORED							······································	
FORMATIONS	THICKNESS	FROM	то	FORMATION	· ·	THICKNESS	FROM	то
501		$\bigcirc$	4	Shale Blac	KI		590	401
line		4'	24'	/ime.			101	lole
<u>shale</u>		24	50	Shale			1.06	41H
lime		50	71	f ph za	-A		614	617
<u>Shale</u>		7	74	Sandy lime blad	ding		619	622
Sand		74	8.T	jime	<del>, ]</del>		622	1025
Shale		-89-	141	white Shall	cy	- <del>//</del>	625	67. Jei
Lime		14	180	Großensan	dbler	<u>/</u>	427.5	630
<u>Shale</u>		180	201	Sanditteary	Bleck		630	634
- Mc	······	ZOL	204		Dlegd	1	634	658
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5hale		271	273	Shalf- Shalf			641	642
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Shale	N. K.	349	493			1.10 - 20	2019	
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250 N. Water, Ste 200 - Wichita, Ks 67202

## HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

					•						
Gustomer	R & D Oil LLC.			atomer Hames	emer Namel Denny Gillette			Ticket No.4 100634			
Address				AFE No,1			Data: 4/15/2016				
¢lty, State, Zip:				Job type				I	·		
Etrice District:					Well Dotallas						
				1							
					Well Location:			Franklin	80101	Kansa	IS T TIPE
Equipment #	Driver	Equipment #	Driver	Equipment #	Driver	TRUCK CALL				411 PV 111	1
231 241	Zach Ben				ļ	ARRIVED AT		·····		511 111 511	11:15
110	Billy	}		, , , ,	l 1	START OPERATION					11:45
28	Todd	1	l		I IFINISH OPERATION 50 1						1:05
32	Kevin					MILES FROM	STATION T	O WELL	1	PH	1 1125
				Tre	eatment Su						
ProducVServico Code	Description		Sec. 2 Sec.	San san an	Unitol	Quantity	List	Gross Amount			NetAmou
		ip. One Way			ml	15.00	\$3.25	\$48.75	i i i i i i i i i i i i i i i i i i i		\$27.
		. One Way			mi	15.00	\$1,50	\$22.50	1		\$12,
	Coment Pu			****	ea	1.00	\$675.00	\$675.00			\$378
		ik Truck - Mini	າເປດ		0a	1.00	\$300.00	\$300.00			\$168
01603	60/40 Pozn	nix Cement	,		sack	100.00	\$12.00	\$1,200.00			\$672
01607	Bentonite (	Gel			lb	172.00	\$0.30	\$51.60			\$28
11000	Vacuum Tr	uck 80 bbl		<b></b>	hr	2.00	\$84.00	\$168.00			\$94
02000	1120				gal	2,100.00	\$0.01	\$27.30			\$15
01607	Bentonite (	3el			, lb	200.00	\$0.30	\$60.00			\$33
01631	Rubber Plu	ig 2 7/8			ea	1.00	\$30.00	\$30.00			\$16.
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RMS: Cash in advan	a unless Hume:	ane Services inc has	announdered	ovior in sala. Credit		<u> </u>	<u> </u>		<b> </b>		
	of accounts are	lotal Invoice due on o	v before the 300	day from the date			Gross:	\$ 2,583.15	Net;	\$	1,446.
ms of sale for approve	Vinte main la	more the one of the one of the one of the other other of the other other of the other other of the other	I laws if such las	estimit interest to	Total	Taxable	\$ 717.70	Tax Rate:	7.660%	$\geq$	$\geq$
ms of sale for approve invoice. Past due acco why or the maximum a	illowable by app	licable state of feder			Frace and Acid service treatments designed with Intent Sale Ta					\$	54.
ms of sale for approvid invoice. Past due account outh or the maximum a baser annount. In the e foction of aatd account	ikrwable by app vent it is neces: I, Customor her	vary to employ an agi eby agrees to pay all	ncy and/or allon lees directly or h	ndirectly Incurred				L	Sale Tax:	\$	
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ms of safe for approve invoice. Past due acco invoice. Past due acco indi or the maximum a sister annount. In the fection of safe account such collection. In the right to revoke any ar ocation, the full invoic fect to collection. Aut	Illowable by app vent if is necess it, Customor here ovent that Cus- nd all discounts be price without thorization below	way to employ an agrees top agrees to pay all contor's account with previously applied in discount will become w acknowlogges rece	ncy and/or allon lees directly or li HSI becomes de aniving al not in immodiately due	ndirocity Incurred linguoni, HSI has voice plice. Upon and owing and	to increase p	roduction on newly d wells are not taxabl Date of Service:	nillod or existing e. 4/15/2016	d Cohe Kari	Total:		
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Invisit cash in sources invoke. Past due soco invoke. Past due soco invoke. Past due soco soch oblicition. In the decimal of asia socource soch oblicition. In the right to revoke any ar sociation, the full involc sociation, the full involc sociation, the full involc sociation. Automation and noticons including the for X	Ikowable by app vent II is nocess I, Customor herr I ovent that Cus nd all discounts reprice without thortration below Standard Torms	way to employ an agrees top agrees to pay all contor's account with previously applied in discount will become w acknowlogges rece	noy and/or allon loos directly or li HSI becomes de arriving at not in immodiately due pi and accrptant	ndirocity Incurred linguoni, HSI has voice plice. Upon and owing and	to increase p	roduction on newly d wells are not taxabl Date of Service:	14160 or existing e. 4/15/2016 Toda	d Seba Kevi y Gillette	Total:		1,501.

Humicano Services appreciates any Comments, Concerns or Criticism's from our valuable customers as Safety and Customer Safetaction are our Number 1 goal. All Comments are confidential and will be used in a constructive manner to improve our Safety and Job Performance.