

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR INJECTION WELL

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

Disposal

Enhanced Recovery: Repressuring

Waterflood

Tertiary

Date: 1-5-2017

Operator License Number: 33185 Exp. 02/28/17

Operator: Quail Oil & Gas, LC

Address: PO Box K

Garden City, KS 67846

Contact Person: Wray Valentine

Phone: 620-271-0236

Email: wray@wrayzier.com

Permit Number: 0-32464 2-TV

API Number: 15-127-20597-00-00

Well Location

NE - NE - SE Sec. 6 Twp. 17 S. R. 6 E W

2205 feet from N / S Line of Section

335 feet from E / W Line of Section

GPS Location: Lat: 38.601045364 Long: 96.801970474
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

Lease Description: SE/4 Sec 6-17S-6E

Lease Name: Sly Well Number: 2-6 SWD

Field Name: Camp Creek

County: Morris

Deepest Usable Water

Formation: Unknown

Depth to Bottom of Formation: 220

Received
KANSAS CORPORATION COMMISSION

JAN 12 2017

Check One: Old Well Being Converted Newly Drilled Well Well to be Drilled

Surface Elevation: 1399 feet Well Total Depth: 2762 feet Plug Back Depth: 2762 feet

Datum of top of injection formation: -1287 feet (reference mean sea level)

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
Arbuckle	2681 / 2762	4 spf	at 2710 to 2730 feet
			at _____ to _____ feet

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:

(attach additional sheets if necessary)

Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
1. Quail Oil & Gas, LC	Sager 1-6	W/2 Sec 6-17S-6E	12720594 2300'S 2300'W
2. Quail Oil & Gas, LC	Sly 1-6	SE/4 Sec 6-17S-6E	12720596 2305'SL 335'EL
3. _____	_____	_____	_____

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
1. Mississippi	2160 to 2170 feet	_____ mg/l
2. Mississippi	2070 to 2080 feet	_____ mg/l
3. _____	_____ to _____ feet	_____ mg/l

Maximum Requested Liquid Injection Rate: 5000 bbls / day; or

Maximum Requested Gas Injection Rate: _____ scf / day. Type of Gas: _____

Maximum Requested Injection Pressure: 650 psig

AMT. \$ 260.00

#14051

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR INJECTION WELL**

Form U-1
July 2014
Form must be Typed
Form must be Signed
All blanks must be Filled

Disposal

Enhanced Recovery: Repressuring
 Waterflood
 Tertiary

Date: 1-5-2017

Operator License Number: 33185

Operator: Quail Oil & Gas, LC

Address: PO Box K
Garden City, KS 67846

Contact Person: Wray Valentine

Phone: 620-271-0236

Email: wray@wrayzier.com

Permit Number: D-32,464 2-TV

API Number: 15-127-20597-00-00

Well Location

NE - NE - SE Sec. 6 Twp. 17 S. R. 6 E W

2205 feet from N / S Line of Section

335 feet from E / W Line of Section

GPS Location: Lat: 38.601045364, Long: 96.801970474
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

Lease Description: SE/4 Sec 6-17S-6E

Lease Name: Sly Well Number: 2-6 SWD

Field Name: Camp Creek

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Formation: Unknown

Depth to Bottom of Formation: 220

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JAN 12 2017
CONSERVATION DIVISION
WICHITA, KS

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Surface Elevation: 1399 feet Well Total Depth: 2762 feet Plug Back Depth: 2762 feet

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Injection Formation Description:

Name	top / bottom	perf / open hole	depth
<u>Arbuckle</u>	<u>2681 / 2762</u>	<u>4 spf</u>	<u>at 2710 to 2730</u> feet

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:
(attach additional sheets if necessary)

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<u>2. Quail Oil & Gas, LC</u>	<u>Sly 1-6</u>	<u>SE/4 Sec 6-17S-6E</u>	<u>12720596 2305'SL 335'EL</u>
<u>3. _____</u>			

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
<u>1. Mississippi</u>	<u>2160 to 2170</u> feet	
<u>2. Mississippi</u>	<u>2070 to 2080</u> feet	
<u>3. _____</u>		

Maximum Requested Liquid Injection Rate: 5000 bbls / day; or

Maximum Requested Gas Injection Rate: _____ scf / day. Type of Gas: _____

Maximum Requested Injection Pressure: 650 psig

Well Completion

Type: Tubing & Packer Packerless Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size	N/A	8 5/8"	N/A	5 1/2"	2 3/8" Lined
Setting Depth		286'		2762'	2665'
Amount of Cement		190 sks		185 sks	N/A
Top of Cement		Surface		1350'	
Bottom of Cement		286'		2762'	

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at _____ feet, cemented to _____ feet with _____ sx.

Tubing: Type 2 3/8" Seal Tite Grade J-55

Packer: Type AD-1 Depth 2665'

Annulus Corrosion Inhibitor: Type Nalco CIW2124 Concentration _____

List Logs Enclosed: Cement Bond log

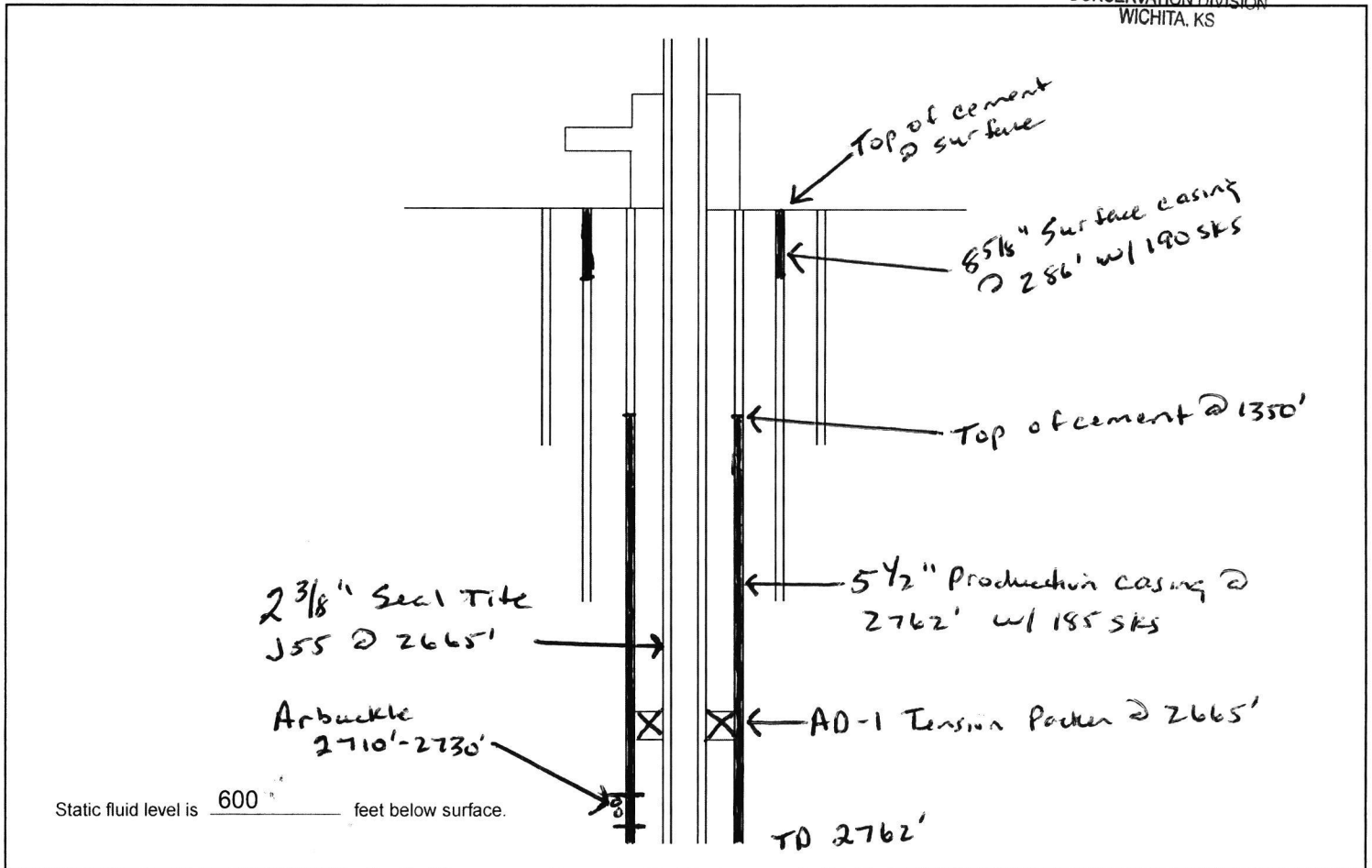
Received
KANSAS CORPORATION COMMISSION

JAN 12 2017

CONSERVATION DIVISION
WICHITA, KS

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:

NO OFFSET OPERATORS WITHIN 1 MILE

LEASED MINERAL OWNERS

Doris Sly

SE/4 Sec 6-17S-6E

Marvin Barlow

NE/4 Sec 6-17S-6E

Tom-Ray Farms, Inc.

W/2 Sec 6-17S-6E

UNLEASED MINERAL OWNERS

Schwoeppe Family Limited Partnership

Sec 5-17S-6E

Barbara Meyers Keys

NE/4 Sec 7-17S-6E

Nancy Landon Kassebaum

Sec 8-17S-6E

Received
KANSAS CORPORATION COMMISSION

JAN 12 2017

CONSERVATION DIVISION
WICHITA, KS

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

Wesley Valent
Applicant or Duly Authorized Agent



Subscribed and sworn before me this 6th day of January, 2017

Michelle Frazier
Notary Public

My Commission Expires: 12-1-2018

Instructions:

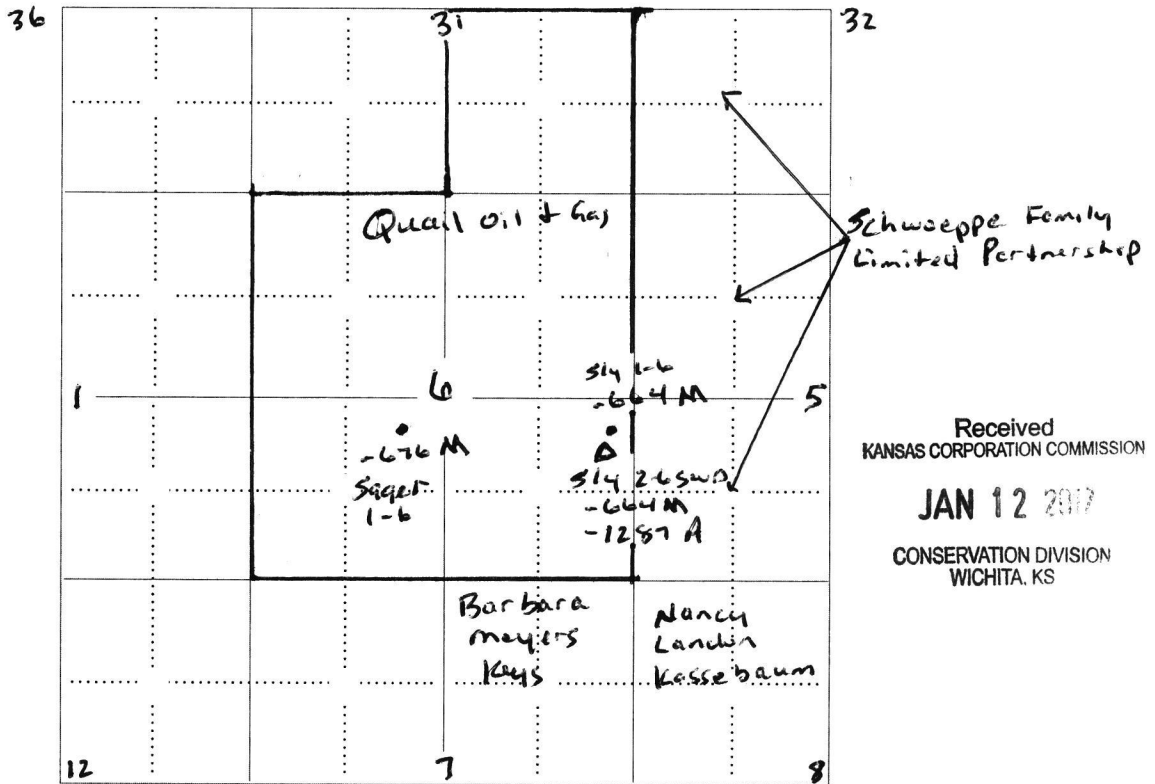
- Fully complete application, including page 4 (plat map) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
- Attach some type of log (drillers log, electric log, etc.).
- 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.
- 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.
- 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 change requires the approval of a new application. **No injection well may be used without prior written authorization.**
- All application fees must accompany the application.

Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: Quail Oil & Gas, LC Location of Well: NE NE SE Sec 6-17S-6E
 Lease: Sly 2205 feet from N / S Line of Section
 Well Number: 2-6 SWD 335 feet from E / W Line of Section
 County: Morris Sec. 6 Twp. 17 S. R. 6 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.



Received
 KANSAS CORPORATION COMMISSION
 JAN 12 2017
 CONSERVATION DIVISION
 WICHITA, KS

The undersigned hereby certifies that he / she is a duly authorized agent for Quail Oil & Gas, LC, and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Wendy Valente
 Applicant or Duly Authorized Agent

Subscribed and sworn before me this 6th day of January, 2017

MICHELLE FRAZIER
 Notary Public
 State of Kansas
 My Commission Expires 12-1-18

Michelle Frazier
 Notary Public

My Commission Expires: 12-1-2018

Affidavit of Notice Served

Re: Application for: Quail Oil & Gas, LC

Well Name: Sly 2-6 SWD Legal Location: 2205' FSL 335' FEL Sec 6-17S-6E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 6th of January, 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)
Doris Sly	1908 400 Rd., Herington, KS 67449
Marvin Barlow	103 Smith, Burdick, KS 66838
Tom Ray Farms, Inc. Rodney Wilson	PO Box 93, Council Grove, KS 66846
Schwoeppe Family Limited Partnership, Eugene Schwoeppe	2390 Montclair Ave., Cincinnati, OH 45211
Barbara Meyers Keys	1761 S 2800 Rd, Herington, KS 67449
Nancy Landon Kassebaum	2750 Z Ave, Burdick, KS 66838

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KANSAS CORPORATION COMMISSION

JAN 12 2017

CONSERVATION DIVISION
WICHITA, KS

I further attest that notice of the filing of this application was published in the Council Grove Republican, the official county publication of Morris county. A copy of the affidavit of this publication is attached.

Signed this 6th day of January, 2017



Wesley Valant
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 6th day of January, 2017

Michelle Frazier
Notary Public

My Commission Expires: 12-1-2018

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.

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **3046**
 Foreman Kevin McCoy
 Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
11-18-16	1016	Sly # 2 SWD	6	17S	6E	MORRIS	Ks
Customer	Mailing Address	City	State	Zip Code	Safety Meeting	Unit #	Driver
QUAIL OIL & GAS, LC	525 INDUSTRIAL DR P.O. Box K	GARDEN CITY	Ks	67846	KM DG SM	105 112	DAVE G. Steve M.

Job Type SURFACE Hole Depth 287' K/B Slurry Vol. 42 BBL Tubing _____
 Casing Depth 276.94' G.L. Hole Size 12 1/4" Slurry Wt. 14.8 # Drill Pipe _____
 Casing Size & Wt. 8 5/8" 28 # Cement Left in Casing 15' Water Gal/SK _____ Other _____
 Displacement 17 BBL Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting: Rig up to 8 5/8" casing. Break circulation w/ 5 BBL fresh water. Mixed 190 sks 60/40 Pozmix Cement w/ 3% CaCl2, 2% Gel, 1/4" FibSeal/sks @ 14.8 #/gal yield 1.24 = 42 BBL slurry. Displace w/ 17 BBL fresh water. Shut casing in. Good cement returns to surface = 8 BBL slurry to pit. Job complete. Rig down.

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 KANSAS CORPORATION COMMISSION
JAN 12 2017
 CONSERVATION DIVISION
 WICHITA, KS

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 101	1	Pump Charge	840.00	840.00
C 107	60	Mileage	3.95	237.00
C 203	190 SKS	60/40 Pozmix Cement	12.75	2422.50
C 205	490 #	CaCl2 3%	.60 #	294.00
C 206	325 #	Gel 2%	.20 #	65.00
C 209	50 #	FibSeal 1/4" #/sk	2.25 #	112.50
C 108 A	8.17 Tons	Ton Mileage 60 miles	1.35	661.77
		THANK You	Sub TOTAL	4632.77
			Less 5%	242.49
		7.5%	Sales Tax	217.05
Authorization <u>Dawn Pollaro</u>	Title _____		Total	4607.33

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **3052**
 Foreman Kevin McCoy
 Camp _____

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
11-30-16	1016	Sly # 2 SWD	6	17S	6E	MORRIS	Ks
Customer <u>QUAIL OIL & GAS, LC</u>			Safety Meeting KM RM SM RL	Unit #	Driver	Unit #	Driver
Mailing Address <u>525 INDUSTRIAL DR. P.O. BOX K</u>				<u>104</u>	<u>ALAN M.</u>	<u>112</u>	<u>STEVE M.</u>
City <u>GARDEN CITY</u>				<u>141</u>	<u>RICK L.</u>		
State <u>Ks</u>		Zip Code <u>67846</u>					

Job Type Longstring Hole Depth 2762' KB Slurry Vol. _____ Tubing _____
 Casing Depth 2749.88' G.L. Hole Size 7 7/8" Slurry Wt. 13.7# Drill Pipe _____
 Casing Size & Wt. 5 1/2 15.50# Cement Left in Casing 0' Water Gal/SK 9.0 Other _____
 Displacement 66.5 BBL Displacement PSI 800 Bump Plug to 1400 PSI BPM _____

Remarks: Safety Meeting: Rig up to 5 1/2 casing. BREAK CIRCULATION w/ 10 BBL FRESH WATER. Mixed 185 SKS THICK SET CEMENT w/ 5# KOL-SEAL/SK, 2# PHENOSEAL/SK @ 13.7#/GAL, yield 1.85, = 60 BBL SLURRY. WASH OUT PUMP & LINES. SHUT DOWN. RELEASE LATCH DOWN PLUG. DISPLACE PLUG TO SEAT w/ 66.5 BBL FRESH WATER. FINAL PUMPING PRESSURE 800 PSI. Bump Plug to 1400 PSI. wait 2 mins. Release Pressure. Float & Plug Held. Good Circulation @ ALL times while cementing. Job Complete. Rig down

Received
 KANSAS CORPORATION COMMISSION
JAN 12 2017
 CONSERVATION DIVISION
 WICHITA, KS

Plug Rat hole w/ 15 SKS, Mouse hole w/ 10 SKS
CENTRALIZERS ON # 1, 3, 5, 7, 9, 11, 13, 15, 17, 19
BASKET ON TOP OF # 5

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1050.00	1050.00
C 107	60	Mileage	3.95	237.00
C 201	185 SKS	THICK SET CEMENT	19.50	3607.50
C 207	925 #	KOL-SEAL 5#/SK	.45#	416.25
C 208	370 #	PHENOSEAL 2#/SK	1.25#	462.50
C 108.5	10.17 TONS	TON MILEAGE 60 miles	1.35	823.77
C 113	4 HRS	80 BBL VAC TRUCK	85.00	340.00
C 224	3300 gals	CITY WATER	10.00/1000	33.00
C 661	1	5 1/2 AFEU FLOAT SHOE w/ LATCH DOWN	294.00	294.00
C 421	1	5 1/2 LATCH DOWN PLUG	230.00	230.00
C 604	1	5 1/2 CEMENT BASKET	225.00	225.00
C 504	10	5 1/2 x 7 7/8 CENTRALIZERS	48.00	480.00
			Sub Total	8199.02
			Less 5%	431.51
			Sales Tax 7.5%	431.12
Authorization <u>Daron Pott</u> Title _____			Total	8198.63

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810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report

Ticket No. **3052**
 Foreman Kevin McCoy
 Camp _____

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
11-30-16	1016	Sly # 2 SWD	6	17S	6E	MORRIS	Ks
Customer			Unit #	Driver	Unit #	Driver	
Quail Oil & Gas, LC			104	ALAN M.			
Mailing Address			112	Rock L.	Steve M.		
525 INDUSTRIAL DR. P.O. Box K			141	Rock L.			
City	State	Zip Code					
Garden City	Ks	67846					

Job Type Longstring Hole Depth 2762' KB Slurry Vol. _____ Tubing _____
 Casing Depth 2749.88' G.L. Hole Size 7 7/8" Slurry Wt. 13.7# Drill Pipe _____
 Casing Size & Wt. 5 1/2 15.50# Cement Left in Casing 0' Water Gal/SK 9.0 Other _____
 Displacement 66.5 BBL Displacement PSI 800 Bump Plug to 1400 PSI BPM _____

Remarks: Safety Meeting: Rig up to 5 1/2 casing. Break Circulation w/ 10 BBL Fresh water. Mixed 185 SKS THICK Set Cement w/ 5" Kol-Seal /SK 2" PhenoSeal /SK @ 13.7# /GAL, yield 1.85 = 60 BBL slurry. Wash out pump & lines. Shut down. Release Latch down Plug. Displace Plug to Seat w/ 66.5 BBL Fresh water. FINAL Pumping Pressure 800 PSI. Bump Plug to 1400 PSI. wait 2 mins. Release Pressure. Float & Plug Held. Good Circulation @ ALL times while Cementing. Job Complete. Rig Down

Plug Rat hole w/ 15 SKS, Mouse hole w/ 10 SKS

Received
 KANSAS CORPORATION COMMISSION

JAN 12 2017

Centralizers on #1, 3, 5, 7, 9, 11, 13, 15, 17, 19
Basket on top of #5

CONSERVATION DIVISION
 WICHITA, KS

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge		
C 107	60	Mileage	1050.00	1050.00
			3.95	237.00
C 201	185 SKS	THICK Set Cement	19.50	3607.50
C 207	925 #	Kol-Seal 5" /SK	.45 #	416.25
C 208	370 #	PhenoSeal 2" /SK	1.25 #	462.50
C 108 B	10.17 Tons	Ton Mileage 60 miles	1.35	823.77
C 113	4 Hrs	80 BBL VAC TRUCK	85.00	340.00
C 224	3300 gals	City water	10.00 / 1000	33.00
C 661	1	5 1/2 AFU FLOAT shoe w/ Latch down	274.00	274.00
C 421	1	5 1/2 Latch down Plug	230.00	230.00
C 604	1	5 1/2 Cement BASKET	225.00	225.00
C 504	10	5 1/2 x 7 1/8 CENTRALIZERS	48.00	480.00
			Sub Total	8199.02
			Less 5%	431.51
			7.5% Sales Tax	431.12
Authorization <u>Dorian Potts</u> Title _____			Total	8198.63

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.



17-CONS-3484-CUIC

QUAIL OIL & GAS, LC

OIL & GAS PRODUCER

(620) 271-0236
(620) 271-0615 FAX

PO Box K

GARDEN CITY, KANSAS 67846

January 6, 2017

KCC- Conservation Division
UIC Department
266 N Main St., Ste 220
Wichita, KS 67202-1513

Re: Sly 2-6 SWD Application

Received
KANSAS CORPORATION COMMISSION

JAN 12 2017

CONSERVATION DIVISION
WICHITA, KS

Dear Sir/Madam:

Please find enclosed the Application for Injection Well and all the necessary paperwork associated with the application. The notice was run in the Council Grove Republican January 6, 2017 and will run again January 16, 2017. The MIT for the well was completed on December 29, 2016 and the local KCC official filed the necessary paperwork.

If there is anything else needed or if you have any questions, please call me at 620-290-1537.

Sincerely,
Quail Oil & Gas, LC

Wray Valentine
Manager

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Jay Scott Emler, Chairman
Shari Feist Albrecht, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

January 13, 2017

WRAY VALENTINE
QUAIL OIL & GAS LC
P O BOX K
GARDEN CITY KS 67846

RE: **Application for Injection Well**
D-32,464
Sly #2-6 SWD
Sec. 06-17S-06E
Morris County

Dear Mr. Valentine:

This letter is to confirm that we received the above referenced application in the KCC-Central Office on January 12, 2017.

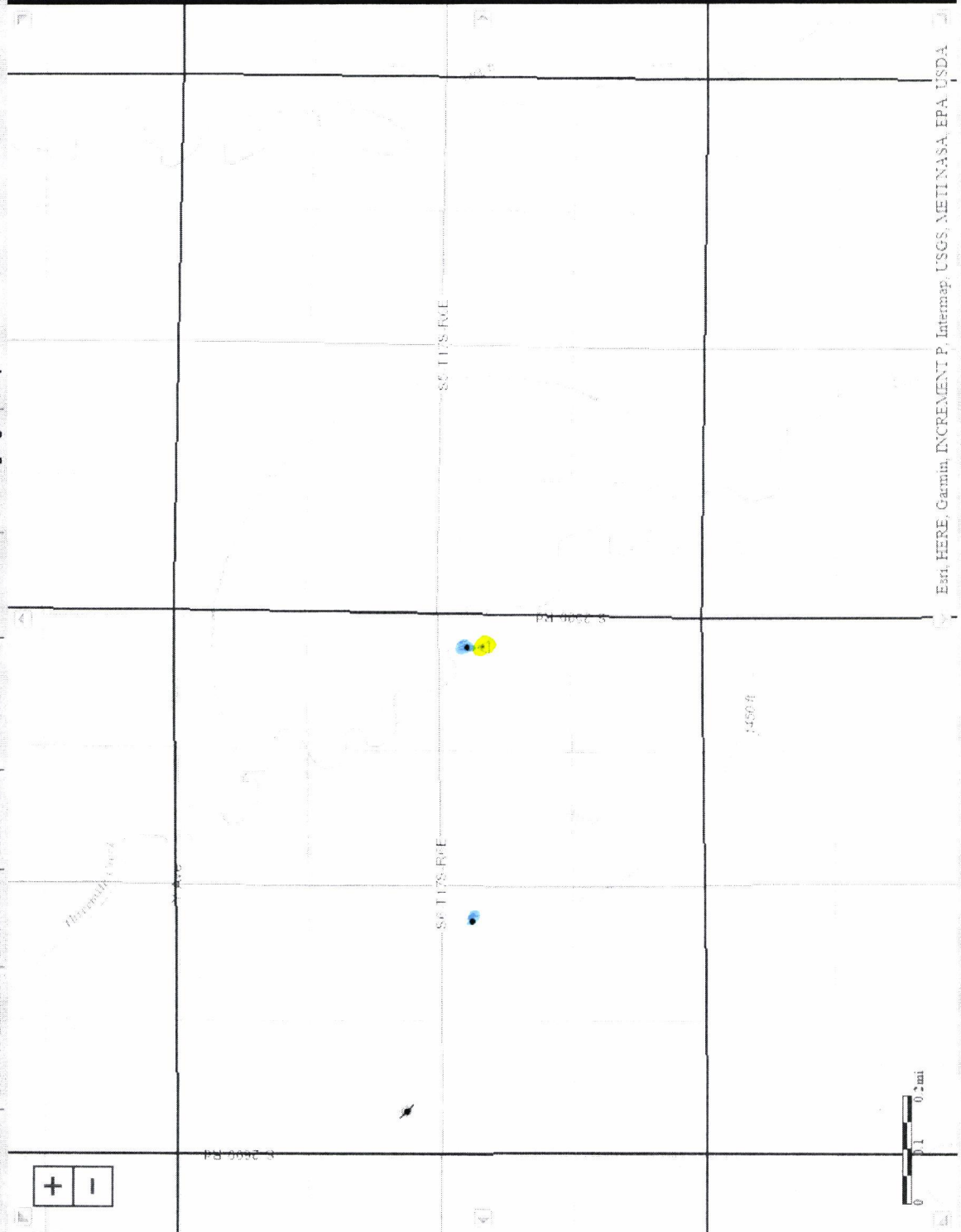
Should you have **any questions** in regards to the application, please do not hesitate to **contact Tony Vail at t.vail@kcc.ks.gov or 316-337-6198.**

Sincerely,

Cindy Metcalf
UIC/Production Department

Cc: Tony Vail
file ✓

Kansas Oil and Gas | [Statewide View](#) | [Zoom to Location](#) | [Filter Wells](#) | [Label Wells](#) | [Download Wells](#) | [Print to PDF](#) | [Clear Highlight](#) | [Help](#)



Layers	Info	Legend	Links
OIL or GAS WELL			
API:	15-127-20597		
Lease:	SLY		
Well:	2 SWD		
Original Operator:	Quail Oil & Gas, LC		
Current Operator:	Quail Oil & Gas, LC		
Field:			
Location:			
Longitude (NAD27):	-96.8015836		
Latitude (NAD27):	38.6010906		
County:	Morris		
Permit Date:	Nov-15-2016		
Spud Date:	Nov-18-2016		
Completion Date:	Dec-22-2016		
Plugging Date:			
Well Type:	SWD		
Status:	Inactive Well		
Total Depth:	2762		
Elevation:	1403.0000 KB		
Producing Formation:	ARBUCKLE		
IP Oil (bbbl):			
IP Water (bbbl):			
IP Gas (mcf):			

- Links:**
- [Full KGS Database Entry](#)

Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA

NEW WELL

CASING MECHANICAL INTEGRITY TEST

Disposal Enhanced Recovery:

Repressuring
 Flood
 Tertiary

Date injection started _____
 API #15 -127 - 20597

DOCKET # _____

SW NE NE SE, Sec 6, T 17 S, R. 6 P/W

2169 Feet from South Section Line
5134 Feet from East Section Line

Lease SLY Well # 2
 County MORRIS

Operator: Quail Petroleum Operator License # 33185
 Name & Address 525 Industrial Drive Contact Person Daron Patterson
GARDEN CITY KS 67846 Phone 620 539 0464 620-271-0236

Max. Auth. Injection Press. _____ psi; Max. Inj. Rate _____ bbl/d;		Injection above production _____		Injection below production _____	
Conductor	Surface	Production	Liner	Size	Tubing
Size _____	<u>8 5/8"</u>	<u>5 1/2"</u>	_____	_____	<u>2 3/8"</u>
Set at _____	<u>286'</u>	<u>2757'</u>	_____	Set at <u>2665'</u>	_____
Cement Top _____	<u>Surface</u>	<u>1350'</u>	_____	Type <u>Seal-Tite</u>	_____
" Bottom _____	_____	_____	_____	_____	_____
DV/Perf. _____	_____	_____	_____	_____	_____
Packer type <u>Baker AD TENSION</u>	_____	_____	_____	_____	_____
Zone of injection <u>Artuckle</u> ft. to ft. <u>2710-2730</u>	_____	_____	_____	_____	_____

Type Mit: Pressure Radioactive Tracer Survey Temperature Survey

F Time: Start 8:05 Min. 8:20 Min. 8:35 Min.

I Pressures: 305 305 305 Set up 1 | System Pres. during test _____

L Set up 2 | Annular Pres. during test _____

D Set up 3 | Fluid loss during test _____ bbls.

T Tested: Casing or Casing - Tubing Annulus JAN 17 2017

The bottom of the tested zone is shut in with PACKER

Test Date 12-29-16 Using Company Tools Company's Equipment

The operator hereby certifies that the zone between 2665 feet and 0 feet

was the zone tested Daron Patterson Signature Production Foreman Title

The results were Satisfactory PASS, Marginal _____, Not Satisfactory _____

State Agent Jerry Spaulding Title ECRS Witness: Yes No _____

REMARKS: _____

LEGALS

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

NOTICE OF FILING APPLICATION

RE: Quail Oil & Gas, LC - Application for permit to authorize the injection of saltwater into the following well located in Morris County, Kansas:

Sly 2-6 SWD NE NE SE Sec 6-17S-6E

TO: All Oil and Gas Producers, Unleased Minerals Interest Owners, Landowners, and all persons whomever concerned

You, and each of you, are hereby notified that Quail Oil & Gas, LC has filed an application for permit to authorize the injection of saltwater into the Arbuckle formation at the Sly 2-6 SWD, located in the NE-NE-SE Sec 6-T17S-R6E Morris County, Kansas, with a maximum injection rate of 5000 bbls per day and a maximum injection pressure of 500 psi.

Any person who objects to or protest this application shall be required to file their objections or protests with the Conservation Division of the State Corporation of the State of Kansas within thirty (30) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Quail Oil & Gas, LC
525 Industrial Drive
PO Box K
Garden City, KS 67846
620-271-0236

(Published in the Council Grove Republican Jan. 31, 2017)

AFFIDAVIT OF PUBLICATION

State of Kansas, \searrow
Morris County \swarrow ss.

CRAIG A. McNEAL, being first duly sworn, Deposes and says: That he is Publisher of the Council Grove Republican, a daily Newspaper printed in the State of Kansas, and published in and of general circulation in Morris County, Kansas, with a general paid circulation on a daily basis in Morris County, Kansas, and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is a daily published at least weekly 50 times a year, has been so published continuously and uninterruptedly in said county and state for a period of more than five years prior to the first publication of said notice; and has been admitted at the post office of Council Grove in said County as second class matter.

That the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper for one time, the publication thereof being made as aforesaid on the 31st day of January, 2017.

Craig A. McNeal

Subscribed and sworn to before me this 1 day of Feb, 2017

CHADELYN L. GARRETT
Notary Public - State of Kansas
My Comm. Expires 1/28/2020

Chadelyn L. Garrett