

Confidentiality Requested:

Yes  No

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

**Form must be Typed**

**Form must be Signed**

**All blanks must be Filled**

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

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Recompletion Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or Recompletion Date \_\_\_\_\_

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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](mailto: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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Quail Oil & Gas, LC
Well Name	BEARD 1-25
Doc ID	1526741

All Electric Logs Run

Compensated Density
Dual Induction
Micro Log
Sonic Log



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



**Cement or Acid Field Report**  
 Ticket No. **5130**  
 Foreman David Grecher  
 Camp Eureka

API# 15-035-24719

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-6-20	1016	Beard # 1-25	25	30 S.	3 E.	Cowley	KS
Customer			Unit #	Driver		Unit #	Driver
Quail Oil & Gas, LLC			105	Jason			
Mailing Address			112	Josh			
P.O. Box K 525 Industrial Dr.							
City		State	Zip Code				
Garden City		KS	67846				

Job Type P.T.A New Well Hole Depth 3031' K.B. \_\_\_\_\_ Slurry Vol. \_\_\_\_\_ Tubing \_\_\_\_\_  
 Casing Depth \_\_\_\_\_ Hole Size 7 7/8" Slurry Wt. \_\_\_\_\_ Drill Pipe 4 1/2" 16.60"  
 Casing Size & Wt. \_\_\_\_\_ Cement Left in Casing \_\_\_\_\_ Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement \_\_\_\_\_ Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting. Rig up to 4 1/2" 16.60" Drill pipe. Plug well as follows:  
35 SKS @ 288'  
25 SKS @ 60' to Surface  
20 SKS in Rathole  
15 SKS in Mousehole  
95 SKS Total

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C103	1	Pump Charge	1100.00	1100.00
C107	60	Mileage	4.20	252.00
C203	95 SKS	60/40 Pozmix Cement	13.46	1273.00
C206	325 #	Gel @ 4%	.21	68.25
C108A	4.08 Tons	Ton Mileage - Bulk Truck	m/c	365.00
<u>Thank You</u>				
			Sub Total	3,058.25
			Less 5%	157.27
			Sales Tax <u>6.5 %</u>	87.18
Authorization _____ Title _____			Total	<u>2,988.16</u>

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.





**GEOLOGIST'S REPORT**  
DRILLING TIME AND SAMPLE LOG

COMPANY QUAIL OIL & GAS, LC.  
LEASE BEARD #1-25  
FIELD TREES  
LOCATION 990' FSL & 335' FEL (~NE-SE-4)  
SECTION 25 TOWNSHIP 30S RANGE 03E  
COUNTY COWLEY STATE KANSAS

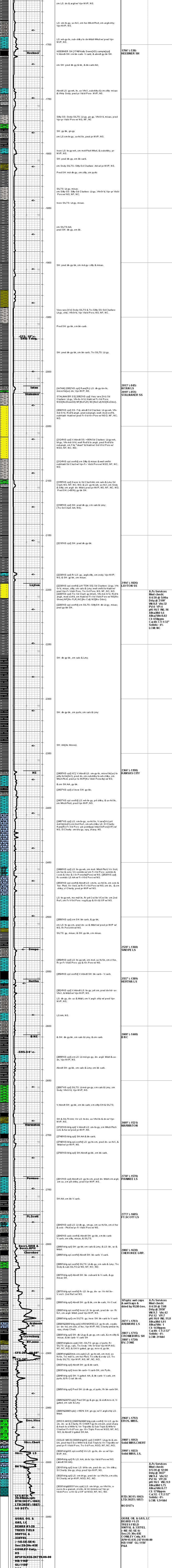
ELEVATIONS  
KB 1168' GL 1156'  
Measurements Are All  
From KB: 1168'  
API 15-035-24719-00-00

CONTRACTOR LIGHTHOUSE DRILLING, LLC, Rig#1  
SPUD 08/01/2020 COMP 08/06/2020  
RTD 3031' (-1863) LTD 3025' (-1857)  
ELI: DIL & CD/CNL; & SONIC & MELC  
NO DST'S

CASING  
SURFACE 8458' x 234' @ 335'  
Cmf'd w/ 225xv 6040 Poz+3%CaCl+2%gel  
PRODUCTION NONE  
P&A

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
HEEBNER SH	1701' (-533)	1709' (-538)	8/1/2020: Spud 12x14" hole @-10.00am; dtd to 358'
IATAN LS	2019' (-847)	2019' (-845)	San 316 of 2865' x 234' (ully 335' 54) rel @-250' cmt'd
STALNAKER SS	2019' (-851)	2019' (-851)	w/225xv 6040 PD+3%CaCl+2%Gel + 1.4M flocculsk by ELITE; Ticks#1108; PlugDown @ 00am @ 8/2/2020
LAYTON SS	2193' (-1025)	2194' (-1026)	8/2/2020: WOC @ 7:00; Plug up; dtd mouse hole; TH & Dnl-29' cmt'd & dtd out under surface @ 18.00.
KANSAS CITY GROUP	2389' (-1193)	2389' (-1198)	8/2/20: Drg 7x2 1/2" hole @ 1053' @-7:00am; WOB 7K RPM; 150' PP-494FS; Bit Logic; Type: PDC; 16.16D58; #R RB; Jct# 4-14, 2-18; Deviation Survey 3rd deg @ 642' M491.9; 1.1866991 CI 1690ppm; Ca: 16ppm; Solids @-5%
SWOPE LS	2528' (-1367)	2528' (-1360)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
HERTHA LS	2556' (-1387)	2557' (-1389)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
BASE / KANSAS CITY	2609' (-1438)	2609' (-1440)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
MARMATON GROUP	2689' (-1518)	2689' (-1521)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
PAWNEE LS	2738' (-1578)	2738' (-1570)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
FORT SCOTT LS	2789' (-1601)	2773' (-1605)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
CHEROKEE GROUP	2801' (-1633)	2806' (-1638)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
ARDMORE LS	2869' (-1700)	2871' (-1703)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
CROWBURG SH	2879' (-1711)	2883' (-1715)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
BARTLESVILLE ZONE	2882' (-1714)	2889' (-1720)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
EROSIONAL MISSISSIPPIAN	2957' (-1789)	2989' (-1792)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
*SOLID MISSISSIPPIAN CHERY	2977' (-1809)	2989' (-1812)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
*SOLID MISSISSIPPIAN LS	2987' (-1819)	2997' (-1822)	8/4/20: Drg @-2374 @-7:00am; WOB 15K RPM; 116 PP-651PS; #P M68; M491.9 @ 12:00' Vis: 32; PV: 6; YP: 4; pH: 10.5; WL: 16; CT: 232; LCM: 1.5; Abbl: 1.1; 1750ppm; Solids: 8%; Cx: 48; C: 1; 1.32" Solids: 4%; LCM: NC
TOTAL DEPTH (LTD RTD)	3023' (-1857)	3021' (-1859)	Released rig @ 1:00am

REMARKS:  
THROUGH ROTARY SAMPLE ANALYSIS, AND OPEN HOLE LOG EVALUATION, IT WAS DETERMINED THAT THERE WERE NO ZONES OF COMMERCIAL VALUE IN THIS TEST WELL. THEREFORE, ON 08/02/2020, THE BEARD #1-25 WAS PLUGGED AND ABANDONED.  
REPECTFULLY SUBMITTED,  
ROGER L. MARTIN, GEOLOGIST AT WELL SITE



QUAIL OIL & GAS, LC  
BEARD #1-25  
TREES FIELD  
990' FSL & 335' FEL  
(~NE-SE-4)  
Sec: 25-30S-03E  
COWLEY Cnty, KS  
API# 15-035-24719-00-00  
KB: 1168'  
GL: 1156'  
P&A