

Confidentiality Requested:

☐ Yes ☒ NoKANSAS 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 # 5610

Name: Bruce Oil Company, L.L.C.

Address 1: 1704 LIMESTONE RD

Address 2:

City: MCPHERSON State: KS Zip: 67460 + 6500

Contact Person: Levi Koehn

Phone: (620) 241-2938

CONTRACTOR: License # 32701

Name: C & G Drilling, Inc.

Wellsite Geologist: Lonny Bruce

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 #:

9/14/2020 9/19/2020 10/13/2020

Spud Date or
Recompletion Date Date Reached TD Completion Date or
Recompletion Date

API No.: 15-035-24722-00-00

Spot Description:

SE - NW SE - SE Sec. 15 Twp. 34 S. R. 3 ☒ East ☐ West890 Feet from ☐ North / ☒ South Line of Section750 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

GPS Location: Lat: (e.g. xx.xxxxxx), Long: (e.g. -xxx.xxxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Cowley

Lease Name: TRACI Well #: 2

Field Name:

Producing Formation: Miss

Elevation: Ground: 1078 Kelly Bushing: 1087

Total Vertical Depth: 3380 Plug Back Total Depth: 3380

Amount of Surface Pipe Set and Cemented at: 298 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set: 2908 Feet

If Alternate II completion, cement circulated from: 2908

feet depth to: 1900 w/ 200 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: ppm Fluid volume: bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Bruce Oil Company, LLC.

Lease Name: Derry License #: 5610

Quarter SW Sec. 12 Twp. 34 S. R. 2 ☒ East ☐ West

County: Sumner Permit #: E20348.1

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 DistributionALT ☒ I ☐ II ☐ III Approved by: Karen Ritter Date: 10/27/2020

Operator Name: Bruce Oil Company, L.L.C. Lease Name: TRACI Well #: 2
 Sec. 15 Twp. 34 S. R. 3 ☒ East ☐ West County: Cowley

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 ☒ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☐ Yes ☒ No Cores Taken ☐ Yes ☒ No Electric Log Run ☐ Yes ☒ No Geologist Report / Mud Logs ☐ Yes ☒ No List All E. Logs Run:	☐ Log Formation (Top), Depth and Datum ☐ Sample <table style="width: 100%;"> <tr> <td style="width: 33%;">Name miss</td> <td style="width: 33%;">Top 3297</td> <td style="width: 33%;">Datum -2209</td> </tr> </table>	Name miss	Top 3297	Datum -2209
Name miss	Top 3297	Datum -2209		

CASING RECORD ☐ New ☒ 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
Surface	12.25	8.625	24	298	A	200	3% CC
Production	7.875	4.5	10.5	3325	Thick set and 60/40 posmix	280	phenoseal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	-			
☐ Plug Back TD				
☐ 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: <u>10/27/2020</u>		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☒ Other <i>(Explain)</i> <u>SWD</u>			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top <u>3325</u> Bottom <u>3380</u>
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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: <u>2.375</u> Set At: <u>3315</u> Packer At: <u>3315</u>					

Form	ACO1 - Well Completion
Operator	Bruce Oil Company, L.L.C.
Well Name	TRACI 2
Doc ID	1534482

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	298	A	200	3% CC
Production	7.875	4.5	10.5	3325	Thick set and 60/40 posmix	280	phenoseal

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



Cement or Acid Field Report
Ticket No. **5225**
Foreman KEVIN MCCOY
Camp EUREKA

API # 15-035-24722

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
9-19-20	1311	TRACI #2	15	34S	3E	Cowley	Ks
Customer <u>BRUCE OIL COMPANY LLC</u>			Unit #		Driver		Unit #
Mailing Address <u>1704 Limestone Rd</u>			104		ALAN M.		
City <u>McPherson</u>			114		Zevi A.		
State <u>Ks</u>			112		Steve M.		
Zip Code <u>67460</u>							

Job Type <u>Longstring</u>	Hole Depth <u>3381' K.B.</u>	Slurry Vol. <u>26.5 BBL</u>	Tubing
Casing Depth <u>3340' = 6' Above KB</u>	Hole Size <u>7 7/8"</u>	Slurry Wt. <u>13.8 #</u>	Drill Pipe
Casing Size & Wt. <u>4 1/2 10.5 #</u>	Cement Left in Casing <u>3'</u>	Water Gal/SK <u>9.0</u>	Other <u>C&G Drilg. Co. Rig 2</u>
Displacement <u>53 BBL</u>	Displacement PSI	Bump Plug to	BPM

Remarks: SAFETY Meeting: 4 1/2 Casing Set @ 3340' w/ Basket Shoe, DV Tool Set @ 2915' = 6' Above K.B. Rig up to 4 1/2 Casing. Circulate 1 Hr w/ mud Pump. Rig up Cement Head. Drop BRASS BALL. wait 10 minutes. Set Basket Shoe @ 700 PSI. Stage #1, Pump 10 BBL Fresh water. MIXED 80 SKS THICK Set Cement w/ 5 # Kol-Seal/sk, 2 # PhenoSeal/sk @ 13.8 #/gal yield 1.85 = 26.5 BBL Slurry. wash out Pump & Lines. Shut down, Release CATCH down Flex Plug. Displace Plug to Seat w/ 53 BBL Fresh water. FINAL Pumping Pressure 600 PSI. Bump Plug to 1000 PSI. Release Pressure. Drop Trip Bomb. Open DV Tool @ 1400 PSI. Circulate Excess Cement off Top of DV Tool w/ mud Pump. Circulate for 2 1/2 Hrs. Stage #2, Pump 10 BBL Fresh water, MIXED 200 SKS 60/40 Pozmix Cement w/ 6% Gel, 2 # PhenoSeal/sk @ 13.2 #/gal = 60 BBL Slurry. wash out Pump & Lines. Shut down, Release Closing Plug. Displace Plug to Seat w/ 46.2 BBL water. FINAL Pumping Pressure 600 PSI. Bump Plug to 1800 PSI. DV Tool Closed. Release Pressure. Tool Closed No Flow Back. Good Circulation while Cementing. Job Complete. Centralizers on #1, 3, 5, 7, 9 Baskets on top of #8, #12 DV Tool on Top of #10 (Plugged R.H. & M.H.)

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge Stage #1	1100.00	1100.00
C 107	80	Mileage	4.20	336.00
C 102	1	Pump Charge Stage #2	750.00	750.00
C 201	80 SKS	THICK Set Cement	20.50	1640.00
C 207	400 #	Kol-Seal 5 #/sk	.47 #	188.00
C 208	160 #	PhenoSeal 2 #/sk	1.30 #	208.00
C 203	235 SKS	60/40 Pozmix Cement	13.40	3149.00
C 206	1212 #	Gel 6%	.21 #	254.52
C 208	470 #	PhenoSeal 2 #/sk	1.30 #	611.00
C 108 B	14.51 Tons	Ton Mileage 80 miles	1.40	1625.12
C 760	1	4 1/2 Type B Basket Shoe	1060.00	1060.00
C 680	1	4 1/2 Float Collar Body only	194.00	194.00
C 775	1	4 1/2 DV Tool w/ Plugs	2955.00	2955.00
C 603	2	4 1/2 Cement Baskets	214.00	428.00
C 503	5	4 1/2 x 7 7/8 Centralizers	46.00	230.00
C 780	1	4 1/2 Stop Ring	30.00	30.00
			Sub TOTAL	14,758.64
			Less 5%	773.51
			Sales Tax	711.58
THANK You				
6.5%				
Authorization <u>By Levi Koehn</u>			Total	14,696.71

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. 5207
Foreman David Gardner
Camp Eureka

API # 15-035-24722

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
9-14-20	1311	Traci # 2	15	34 S.	3 E.	Cowley	KS
Customer	Safety Meeting		Unit #	Driver	Unit #	Driver	
Bruce Oil Company, LLC	DG		105	Jason			
Mailing Address	3V		114	Josh			
1704 Limestone Rd.	3H						
City	State	Zip Code					
McPherson	KS	67460					

Job Type Surface Hole Depth 310' K.B. Slurry Vol. 48 Bbl Tubing _____
Casing Depth 295.20' G.I. Hole Size 12 1/4" Slurry Wt. 15" Drill Pipe _____
Casing Size & Wt. 8 5/8" Cement Left in Casing 15' +/- Water Gal/SK _____ Other _____
Displacement 18 1/2 Bbl Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting. Rig up to 8 5/8" casing. Break circulation w/ 12 Bbl fresh water. Mixed 200 sxs Class 'A' Cement w/ 3% Cactz, 2% Gel, 1/4" Floseal 1/sk @ 15"/gal, yield 1.35 = 48 Bbl slurry. Displace w/ 18 1/2 Bbl fresh water. Shut down. Close casing in. Good circulation @ all times while cementing. Good cement returns to surface = 10 Bbl slurry to pit. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	80	Mileage	4.20	336.00
C200	200 sxs	Class 'A' Cement	15.75	3150.00
C205	565#	Cactz 3%	.63	355.95
C206	375#	Gel 2%	.21	78.75
C209	50#	Floesal 1/4"/sk	2.35	117.50
C108B	9.4 Tons	Ton Mileage - Bulk Truck	1.40	1052.80
Thank You				
			Sub Total	5,981.00
			Less 5%	311.08
			Sales Tax	240.64
Authorization by Judd Gulick Title C+G Tool Pusher			Total	5,910.56

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.