

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 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. 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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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2088

Date	12/12/2020	Sec.	31	Twp.	8	Range	12	County	Osborne	State	Kansas	On Location		Finish	11:45pm		
Lease								Well No.		Location							
Regier								1		Luray 13 1/2 N Winro							
Contractor								Owner									
Discovery Drilling								To Quality Oilwell Cementing, Inc.									
Type Job								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Production String																	
Hole Size				T.D.				Charge To									
7 3/8				3032'				Bruce Oil									
Csg.				Depth				Street									
5 1/2				3020'													
Tbg. Size				Depth				City				State					
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered									
7'				7'				150 com 10% salt 1/4 lb flo seal									
Meas Line				Displace				500 gal mud clear									
				76													
EQUIPMENT																	
Pumptrk		No.		Cementer		Helper		Common									
20				Nick				150									
Bulktrk		No.		Driver		Driver		Poz. Mix									
9				Doug													
Bulktrk		No.		Driver		Driver		Gel.									
P.U.				David													
								Calcium									
JOB SERVICES & REMARKS																	
Remarks:								Hulls									
Rat Hole								Salt									
30 sks								13									
Mouse Hole								Flowseal									
20 sks								25#									
Centralizers								Kol-Seal									
# 2, 6, 53								Mud CLR 48 500 gal									
Baskets								CFL-117 or CD110 CAF 38									
# 1, 4, 51								Sand									
D/V or Port Collar								Handling									
# 52								163									
Ran 5 1/2 and est. circulation								Mileage									
5 1/2 ser @ - 3020'																	
FLOAT EQUIPMENT																	
Pumped 500 gal mud clear								Guide Shoe									
Cemented Rathole with 30 sks								Centralizer - 3									
Cemented mousehole 20 sks								Baskets - 3									
Cemented 5 1/2 with 100 sks								AFU Inserts									
and displaced								Float Shoe									
Lift pressure @ 700 #								Latch Down - 1									
Landed plug @ 1500 #								Triplex shoe brass Ball - 1									
Shut in at 500 #								1 port collar									
								Pumptrk Charge									
								prod string									
								Mileage									
								36									
Signature												Tax		Discount		Total Charge	
Lew Koch																	

Thanks

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

Home Office P.O. Box 32 Russell, KS 67665

No. 2153

Cell 785-324-1041

Date	12-28-20	Sec.	31	Twp.	8	Range	12	County	Osborne	State	KS	On Location		Finish	11:45 Am.
								Location	Luray 13N Winto						

Lease	Regier	Well No.	1	Owner	To Quality Oilwell Cementing, Inc.	
Contractor	Chito's				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Type Job	Port collar					
Hole Size		T.D.		Charge To	Bruce O-I	
Csg.	5 1/2	Depth		Street		
Tbg. Size	2 3/8	Depth		City	State	
Tool	Dus Packer Jesse	Depth	986'	The above was done to satisfaction and supervision of owner agent or contractor.		
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered	200 ^{60/40} 4-1-402 1/4 #10	
Meas Line		Displace	2BL			

EQUIPMENT

Pumptrk	20	No.	Cementer	105
			Helper	70
Bulktrk		No.	Driver	6
			Driver	
Bulktrk	15	No.	Driver	
			Driver	

JOB SERVICES & REMARKS

Remarks:	KCC Pat Beane	Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	50 #
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	200
		Mileage	
		FLOAT EQUIPMENT	
		Guide Shoe	
		Centralizer	
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	

Test casing to 800'
 Open Tool & Est Circulation
 Mix 175SK + Cement Circ
 Displace 2BL Close Tool
 Test to 800'
 Run 5 joints & Wash Clean

USED 175SK

Pumptrk Charge port collar job
 Mileage 36

X
 Signature

Thanks

Tax
 Discount
 Total Charge

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-83-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2085

Date	12/8/2020	Sec.	31	Twp.	8	Range	12	County	Osborne	State	Kansas	On Location		Finish	9:15pm
								Location	Luray 13 1/2 N Winto						

Lease	Regier	Well No.	1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Discovery Drilling				
Type Job	Surface				
Hole Size	12 1/4	T.D.	222'	Charge To	Bruce Oil
Csg.	8 5/8	Depth	221.39	Street	
Tbg. Size		Depth		City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	15'	Shoe Joint	15'	Cement Amount Ordered	150% 4% cc 2% gel
Meas Line		Displace	13		

EQUIPMENT

Pumptrk	16	No.	Cementer	Tim	Common	90
			Helper		Poz. Mix	60
Bulktrk	14	No.	Driver	Tony	Gel.	3
			Driver		Calcium	7
Bulktrk	P.U.	No.	Driver	David		
			Driver			

JOB SERVICES & REMARKS

Remarks:		Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	160
		Mileage	

Ran 8 5/8 est. circulation and cemented with 150sks

FLOAT EQUIPMENT

	Guide Shoe	
	Centralizer	
	Baskets	
	AFU Inserts	
	Float Shoe	
	Latch Down	

Cement Did Circulate

Pumptrk Charge	Surface
Mileage	36

X Signature *[Signature]*

Thanks

Tax	
Discount	
Total Charge	

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BRUCE OIL COMPANY, L.L.C

REGIER #1
31-8-12W
1805' FSL & 1925' FEL
OSBORNE COUNTY, KANSAS
API: 15-141-20488-00-00
LON. -98.7013951 LAT. 39.3122674

DRILLING CONTR.: DISCOVERY RIG #4
SPUD:12-08-2020 COMP:12-13-2020
MUD UP: 2302' TYPE MUD: CHEM.
DRILL TIME: 2400' to 3032'
SAMPLES SAVED: 2400' to 3032'
GEOLOGIST: ROBERT J. PETERSEN

ELEVATION
KB: 1746'
GL: 1738'
LOG MEASURED FROM: KB

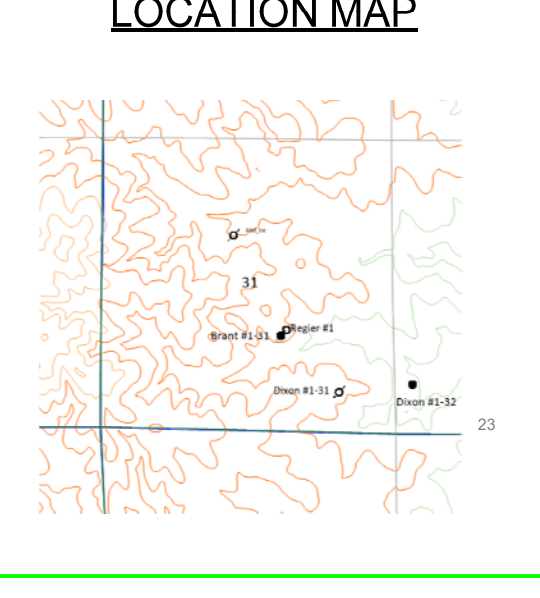
SURFACE CASING
23# 8 5/8" SET @ 221'
Cem. W/ 150 SX

PRODUCTION CASING
80 JOINTS USED 17 & 14# 5 1/2"
CASING TALLY 3012' SET @ 3020' KB
W/100 SX COMMON (10% SALT/5% GL.)
PORT COLLAR SET @970'

WELL LOG SURVEYS
 NONE

SAMPLE LOG TOPS

FORMATION	DEPTH	DATUM	POS A
ANHYDRITE	898	+848	+1
BASE ANHYDRITE	931	+815	0
STOTLER	2457	-711	0
TARKIO SD	2486	-740	-3
TOPEKA	2677	-931	-2
QUEEN HILL	2868	-1122	-1
HEEBNER	2939	-1193	-1
TORONTO	2961	-1215	0
LANSING	2991	-1245	-1
RTD	3032	-1286	N/A



REFERENCE WELL
 REF. WELL A
 BARLINE OIL, LLC
 BRANT #1
 KB 1747 (RESURVEYED ELEV.)
 1650'FSL & 2025' FEL
 31-8-12W

DAILY REPORT @7:00 A.M.

12-07-2020 MOVED IN
 12-08-2020 RIG UP/SPUD/SET SURF.
 12-09-2020 340' DRILLING
 12-10-2020 1635' DRILLING
 12-11-2020 2415' DRILLING
 12-12-2020 2970' CFS
 12-13-2020 RIG RELEASED@12:15 AM

REMARKS
 PRODUCTION CASING WAS RUN TO FURTHER TEST
 THIS WELL FOR COMMERCIAL PRODUCTION.

