

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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GLOBAL OIL FIELD SERVICES, LLC

0013237

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell KS

DATE <u>10-23-16</u>	SEC <u>17</u>	TWP. <u>12S</u>	RANGE <u>13W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>2:30 PM</u>	
LEASE <u>McCallister</u>	WELL # <u>4</u>	LOCATION <u>North of Russell to Beatty RD</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>		
OLD OR NEW (CIRCLE ONE) <input checked="" type="radio"/> OLD				<u>East to 168th South to Beatty RD Top of Hill</u>				<u>South</u>

CONTRACTOR Discovery Drilling Rig #2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 221'

CASING SIZE 8 5/8 DEPTH 220'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 25'

PERFS

DISPLACEMENT 12.15

EQUIPMENT

OWNER John O-Farmer

CEMENT AMOUNT ORDERED 150 S2 Cem 36cc

2% Gel

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

PUMP TRUCK # 409 CEMENTER Cody HELPER Rod

BULK TRUCK # 379 DRIVER Tom

BULK TRUCK # DRIVER

REMARKS:
Run 5 hrs of 8 5/8 casing + 1 1/4 hooked to Rig broke circulation hooked to pump truck + pumped 130s of cement + displaced 125 bbls of H2O and shut in.

Cement did circulate to surface

CHARGE TO: John O-Farmer

STREET

CITY STATE ZIP

Global Oil Field Services, LLC
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME

SIGNATURE [Signature]

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

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

No. 1130

Date	10-28-18	Sec.	17	Twp.	12	Range	13	County	Russell	State	Ks	On Location		Finish	2:30 AM
Lease	McAllister			Well No.	4			Owner	1/2 E, S1/4						
Contractor	Discovery #2							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.							
Type Job	Bottom stage							Charge To: John-O-Farmer							
Hole Size	7 7/8"			T.D.	3115'			Street							
Csg.	5 1/2" 15.50# New			Depth	3112.94'			City State							
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Tool	DU Tool			Depth	776'			Cement Amount Ordered 175 Com 10% Salt 5% Gilsomite							
Cement Left in Csg.	43.40			Shoe Joint	43.40			500 gal mud Clear 48 10 BLS KCL							
Meas Line				Displace	73 BLS			Common 175							
EQUIPMENT												Poz. Mix 175			
Pumptrk	17	No.		Cementer	David			Gel.							
Bulktrk	14	No.		Driver	Tony			Calcium KCL 16 gal							
Bulktrk	P.U.	No.		Driver	Rete			Hulls							
JOB SERVICES & REMARKS												Salt 15			
Remarks:												Flowseal			
Rat Hole												Kol-Seal 750#			
Mouse Hole												Mud CLR 48 500			
Centralizers	1, 3, 5, 7, 9			55			CFL-117 or CD110 CAF 38								
Baskets	8, 56, 61						Sand								
D/V or Port Collar	56			776'			Handling 197								
Pipe on bottom, break Circulation												Mileage			
pump 500 gal mud Clear 48, pump 10 BLS KCL spacer. Mix 1755%												FLOAT EQUIPMENT			
Cement shut down wash pump + lines Displaced plug w/ 73 BLS H2O.												Guide Shoe 1-DU Tool w/plug			
Released + held Drop Dart open tool 800 #.												Centralizer 6			
Left pressure 600 #.												Baskets 3			
Land plug to 1500 #.												AFU Inserts			
												Float Shoe 1			
												Latch Down Rotating head			
												125' Rotating scratchers			
												Pumptrk Charge			
												Mileage			
												Tax			
												Discount			
												Total Charge			
Signature <i>Ann Weaver</i>															

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

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

No. 1131

Date	10-28-18	Sec.	17	Twp.	12	Range	13	County	Russell	State	Ks	On Location		Finish	4:00 AM		
Lease								Location		Russell - 9N, 3E to Stop Sign, 1/8 S, 1/2 E							
McAllister				Well No.		4		Owner								Sinto	
Contractor				Discovery #2		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.			
Type Job				Top Stage		Charge To								John - O - Farmer			
Hole Size				7 7/8"		T.D.		3115'		Street							
Csg.				5 1/2" 15.5x New		Depth		3112.94'		City						State	
Tbg. Size						Depth				City						State	
Tool				DU Tool		Depth		776'		The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.						Shoe Joint		43.40'		Cement Amount Ordered						220 80/20 Q MDC 1/4" Fib Seal	
Meas Line				Displace		18 1/2 BLS		Common								220 80/20 Q MDC	
EQUIPMENT																	
Pumptrk		17		No.		Cement		Helper		David		Poz. Mix					
Bulktrk		15		No.		Driver		Tony		Gel.							
Bulktrk		DU.		No.		Driver		Rick		Calcium							
JOB SERVICES & REMARKS																	
Remarks:								Hulls									
Rat Hole 30sx								Salt									
Mouse Hole 15sx								Flowseal 50ft									
Centralizers								Kol-Seal									
Baskets								Mud CLR 48									
DA or Port Collar 776' #56								CFL-117 or CD110 CAF 38									
Pipe on bottom break Circulation								Sand									
plug Rat + mouse holes. Hook to								Handling 270									
Casing + mix 175 sx Cement. Shut								Mileage									
down wash pump + lines. Displaced								FLOAT EQUIPMENT									
plug w/ 18 1/2 BLS H ₂ O. Released +								Guide Shoe									
held.								Centralizer									
Lift Pressure 300 #								Baskets									
Load plug to								AFU Inserts									
Closed tab 1500 #								Float Shoe									
Cement did								Latch Down									
Circulate								Pumptrk Charge prod string Top Stage									
								Mileage 15									
Tax																	
Discount																	
Total Charge																	
Signature		Ava Weasley															



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: John O. Farmer, Inc. Lic# 5135 Contractor: Discovery Drilling Co., Inc. LIC#31548
370 West Wichita Avenue - P.O. Box 352 PO Box 763
Russell, KS 67665 + 2635 Hays, KS 67601

Lease: McAllister # 4 Location: 1110 FNL - 1675 FEL
SW/SE/NW/NE
Section 17/ 12S/ 13W
Russell County, KS

Loggers Total Depth: 3116' API#15- 167-24,081-00-00
Rotary Total Depth: 3115' Elevation: 1725 GL - 1733 KB
Commenced: 10/22/2018 Completed: 10/28/2018
Casing: 8 5/8" @ 220.31'W/150sks Status: Oil Well
5 1/2" @ 3112'W/175sks
DV Tool @ 776'W/175sks
Cement Did Circulate

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>801'</u>
Dakota Sand	<u>164'</u>	Shale & Lime	<u>1419'</u>
Shale	<u>226'</u>	Shale	<u>1877'</u>
Cedar Hill Sand	<u>353'</u>	Shale & Lime	<u>2268'</u>
Red Bed Shale	<u>494'</u>	Lime & Shale	<u>2902'</u>
Anhydrite	<u>770'</u>	RTD	<u>3115'</u>
Base Anhydrite	<u>801'</u>		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.



Thomas H. Alm

Subscribed and sworn to before me on 10-30-18

My Commission expires: 6-28-2022

(Place stamp or seal below)



Notary Public



