



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1247539
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1247539

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 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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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MCREYNOLDS NO.1
SE SW NE SE Sec. 21 T7S R16W
ROOKS COUNTY, KANSAS

WELL SUMMARY

The McReynolds No. 1 is an Arbuckle test with the primary objective a 3-D seismic anomaly indicating a sand deposit up to 40 feet thick developed in the Marmaton section between the Base of Kansas city and the Arbuckle. Secondary objectives included the Topeka, Toronto and Lansing limes. The well is located approximately one half mile north of the old Excelsior field that produced oil from the Topeka formation. The closest control point is the Keating Sayles No.1, an Arbuckle test drilled and abandoned in the NE NE SW Sec. 21 in 1952.

The McReynolds No.1 spudded on January 27, 2015 and a 12 1/4" hole was drilled to 1071'. The top of the Permian Stone Corral was drilled at 1069' (+687), 4' high to the Stone Corral in the Sayles No.1. 27 joints of new 23# 8 5/8" surface casing were set at 1070' KB, and cemented with 415 sacks 80/20 poz with 2% gel and 3% CaCl. Cement was circulated to surface. On January 29th a 7 7/8" hole was drilled out from under casing and new hole was begun in the Permian Stone Corral at a depth of 1071.

The top of the Topeka was drilled on January 30th at 2665' (-909), 2 feet low to the Topeka in the Sayles No.1. A show of oil in fair porosity was observed in the upper Topeka. However based on the history of low productivity from the Topeka in the Excelsior Field the show did not appear significant enough to warrant a drill stem test. No other shows were observed in the upper and lower Topeka Formation.

The top of the Heebner Shale was drilled at 2885' (-1129), 4' low to the Sayles No.1.

The top of the Toronto Lime was found at 2909' (-1153), 4' low to the Sayles No.1. There was no good porosity development and there were no shows of oil in the Toronto Lime in the McReynolds No.1.

The top of the Lansing was drilled on January 31st at a depth of 2931' (-1175), 4' low to the Sayles No.1. The Lansing limes are for the most part micritic or very fine pelotoid limestones with neutron/density porosity generally in the 2-6% range. No shows of oil or gas were observed in the Lansing Formation.

The Base/Kansas City was found at a depth of 3188' (-1432), 5' low to the Sayles No.1.

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The top of the Marmaton was drilled at a depth of 3219' (-1463), 4' low to the Marmaton in the Sayles No.1. The McReynolds No.1 has a typical Marmaton section consisting of hard dense limes becoming slightly sandy at times and soft varicolored shales, predominantly red. One well developed 4' sandstone was encountered from 3294' to 3298'. The sand is fine grained, clean, well sorted and rounded and highly cemented. The neutron /density log indicates porosity of approximately 8%. The logs calculate wet and no shows of oil or gas were observed in the samples. In comparing the Marmaton section in the McReynolds No.1 and that in the Sayles No.1, The Marmaton in the McReynolds No.1 is 30' thicker and much of the added thickness is seen as a thick shale section at the base of the Marmaton sitting on the Arbuckle. It is possible that this added shale section may be the cause of the anomaly seen on the 3-D seismic.

The top of the Arbuckle was drilled the morning of February 1 at a depth of 3337' (-1581) 34' low to the Sayles No.1. In light of the lack of sand seen in the Marmaton, the decision was made to drill through the Arbuckle looking for potential pay in the lower Arbuckle and possible Regan sand below it. However 243' into the Arbuckle at a depth of 3580' circulation was lost and the decision was made to TD the well at that point. The Arbuckle drilled and observed was typically dolomite off white, tan and light brown, crypto-crystalline to medium crystalline with porosity ranging from no visible porosity to good inter-crystalline porosity. No shows of oil or gas were observed in the Arbuckle drilled and logged.

Circulation was regained and the well was logged. Pioneer ran their Dual Compensated Porosity Log (Neutron Density) and their Dual Induction Log. These logs do not indicate any potential pay in the well. Therefore with the lack of physical hydrocarbon shows and lack of potential indicated by the mechanical logs, the decision was made to plug and abandon the well.

Per instructions from the KCC, the well was plugged with a total of 255 sacks of 60/40 Poz 4% Gel-1/4#FS/sack. Cementing was completed at 15:00 February 2, 2015.

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WICHITA, KS

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. 1205

Date	Sec.	Twp.	Range	County	State	On Location	Finish
1-28-15	21	7	16	ROCKS	KS		7:45 AM
Lease				Well No. 1		Owner	
Contractor				Location		To Quality Oilwell Cementing, Inc.	
Type Job				Uradston 428rd 25 Winto		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Hole Size		T.D.		Charge To		Kodiak Petroleum	
Csg.		Depth		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.		Shoe Joint		Cement Amount Ordered			
Meas Line		Displace		415 8/20 3/CC 2/CC			
EQUIPMENT				Common			
Pumptrk	No.	Cement	Helper	Poz. Mix			
Bulktrk	No.	Driver	Driver	Gel.			
Bulktrk	No.	Driver	Driver	Calcium			
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt			
Rat Hole				Flowseal			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
8 5/8 on bottom 1st Centralizer				Handling			
Mix 415 SK 4 D 5/8				Mileage			
Float Equipment				FLOAT EQUIPMENT			
Cement + Centralizer				Guide Shoe 8 5/8			
Dwg 10/20 9/11				Centralizer 2			
Shut in 6/11				Baskets Rubber Plug			
Received KANSAS CORPORATION COMMISSION				AFU Inserts Bottle Plate			
MAR 23 2014				Float Shoe			
CONSERVATION DIVISION WICHITA, KS				Latch Down			
				Pumptrk Charge			
				Mileage			
				Tax			
				Discount			
				Total Charge			
Signature							

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. 1208

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-2-15	21	7	16	Reeks	KS		3:00 p.m.

Location *1/2 mi. S. on KS 23 E. into*

Lease	Well No.	Owner	
<i>McReynolds</i>	<i>1</i>	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	Type Job	Charge To	
<i>Discovey #2</i>	<i>Rotary Plug</i>	<i>Kodiak Petroleum</i>	
Hole Size	T.D.	Street	
<i>7 7/8</i>	<i>3530</i>		
Csg.	Depth	City	
		State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered <i>255⁶⁰⁰ / 40 4 / CFL 1/4 # F10</i>	
Tool	Depth		
Cement Left in Csg.	Shoe Joint		

Meas Line Displace

EQUIPMENT			Common
Pumptrk	No.	Cement Helper	Poz. Mix
<i>20</i>		<i>Greg</i>	
Bulktrk	No.	Driver	Gel.
		<i>U. CK</i>	
Bulktrk	No.	Driver	Calcium
<i>9</i>		<i>Chad</i>	

JOB SERVICES & REMARKS

Remarks:	Salt
Rat Hole <i>305K</i>	Flowseal
Mouse Hole <i>155K</i>	Kol-Seal
Centralizers	Mud CLR 48
Baskets	CFL-117 or CD110 CAF 38
D/V or Port Collar	Sand

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<i>15'</i>	<i>3305</i>	<i>505K</i>	Handling
<i>20'</i>	<i>1120</i>	<i>505K</i>	Mileage
<i>30'</i>	<i>780</i>	<i>1005K</i>	
<i>40'</i>	<i>40'</i>	<i>105K</i>	

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets <i>8 3/8 In. Hole Plug</i>
AFU Inserts
Float Shoe
Latch Down

Quality Oilwell
Cementing

Pumptrk Charge	Tax
Mileage	Discount
	Total Charge
Signature <i>[Signature]</i>	