



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1194681
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: _____

1194681

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Fossil Energy, LLC
Well Name	Starkey 1-35
Doc ID	1194681

All Electric Logs Run

Dual Compensated Porosity Log
Dual Induction Log
Microresistivity Log
Sonic Cement Bond Log

Form	ACO1 - Well Completion
Operator	Fossil Energy, LLC
Well Name	Starkey 1-35
Doc ID	1194681

Tops

Name	Top	Datum
Anhydrite	617'	+981
Base	648'	+942
Topeka	2480	-890
Heeb.Sh	2699'	-1114
Toronto	2716	-1131
Lansing	2753	-1167
BKC	3026	-1437
Arbuckle	3082	-1496
TD	3090'	-1503

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. 474

Date	3-7-14	Sec.	35	Twp.	19	Range	14	County	Russell	State	KS	On Location	11,000 yd	Finish	12,450 yd
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Lease Starkey Well No. 1-35 Location Russell N to Dump RD 1/4 E Owner Ninto

Contractor Boxco 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 Surface Charge To Fossil Oil

Hole Size 12 1/4 T.D. 435 Street Fossil Oil

Csg. 8 5/8 Depth 435 City _____ State _____

Tbg. Size _____ Depth _____ City _____ State _____

Tool _____ Depth _____ The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 20 ft Shoe Joint 20 ft Cement Amount Ordered 200 39600 9%

Meas Line _____ Displace 26.5 BBL gel

EQUIPMENT

Pumptrk	5	No.	Cementer	<u>Math</u>	Common
			Helper		
Bulktrk	14	No.	Driver	<u>Brett</u>	Poz. Mix
			Driver		
Bulktrk	pc	No.	Driver	<u>Clayton</u>	Gel.
			Driver		
					Calcium

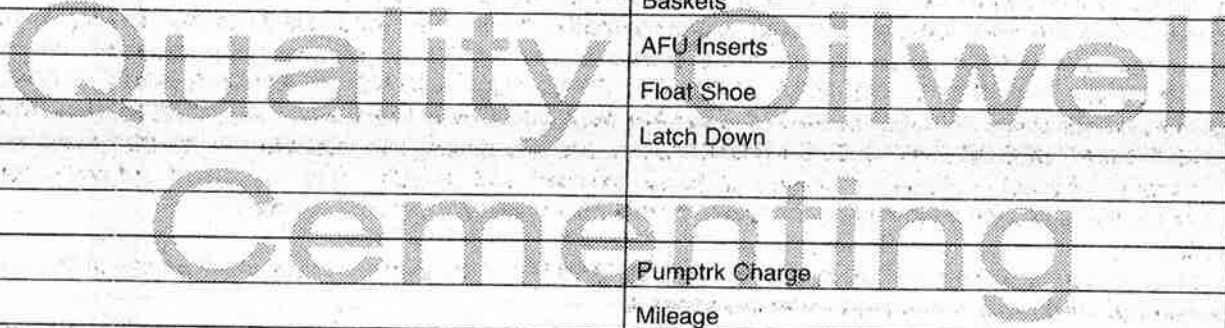
JOB SERVICES & REMARKS

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

*Cement did
Circulate*

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	



Pumptrk Charge	
Mileage	

Tax	
Discount	
Total Charge	

X Signature Wally Budig

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. 7129

Date	3-13-14	Sec.	35	Twp.	12	Range	14	County	Russell	State	KS	On Location		Finish	1:00PM
Lease								Well No.		Owner					
Starkey								1-35		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										Charge To					
Royal 2										Fossil Oil					
Type Job								T.D.		Street					
long string								3090							
Hole Size								Depth		City					
7 7/8								3090		State					
Csg.								Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
5 1/2 #14								22.34		Cement Amount Ordered					
Tbg. Size								Shoe Joint		175 sk 60% salt, 2% gel					
Tbg. Size								Displace		1/4" Flow					
Tbg. Size								74.85		Common					
Tool										Poz. Mix					
Cement Left in Csg.										Gel.					
Meas Line										Calcium					
EQUIPMENT										Hulls					
Pumptrk										Salt					
No. 5										Flowseal					
Cementer										Kol-Seal					
Helper										Mud CLR 48 1000 gal					
No. 3										CFL-117 or CD110 CAF 38					
Driver										Sand					
No. 14										Handling					
Driver										Mileage					
JOB SERVICES & REMARKS										FLOAT EQUIPMENT					
Remarks:										Guide Shoe					
Rat Hole 10 x 14										Centralizer 9 turbos 1 Reg					
Mouse Hole 15 x 14										Baskets 1 Red					
Centralizers 1-8, 10, 43										AFU Inserts					
Baskets 43										Float Shoe 1					
DL or Port Collar top of 44										Latch Down 1					
Pipe on bottom broke circulation stopped										1 Port collar					
1000 gal 1" CLR 95 with 10% salt										Pumptrk Charge					
it. Plugged Rat hole with cement										Mileage					
Mouse hole with 15 sk 7 7/8 #14 mixed 170 sk										Tax					
60% salt, 2% gel, 1/4" Flow shut down										Discount					
washed Pump and liner. Reamed Plug and										Total Charge					
displaced with 74.85 sk 7 7/8 #14															
well															
1 ft pressure 900 psi															
Plug landed at 1400 - 157															
Signature															