



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1173720
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: _____



1173720

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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Daily Drilling Report

Operator: Running Foxes Petroleum	Location: 990'FNL & 1650'FEL	Coord.: SE NW NE
Well Name: C Heim 2-19D	County: Leavenworth	State: KS
Project Area: Leavenworth	API #: 15-103-20036	Sec.: 19
Spud Date: 8/21/2013	Lat/Long: -94.9979991/39.3436175	Twp: 8S
Field: Leavenworth Northeast	Logging Geologist: Greg Bratton/Joe Taglieri	Rge: 22E
		GL Elev: 861' KB: 870'

Drilling Contr: C&G Drilling	Toolpusher: Tim Gullick/Duke Colter
Surf. Casing: 8 5/8"	Cement Date:
Surf. Bit: 12 1/4"	Hole size: 7 7/8"
Bit #1: 7 7/8" pdc	Drilling fluid: Water based mud
Bit #2: 7 7/8" button	Mud Pumps: 14 X 6 1/4" Continental Emsco
Bit #3:	

Date	Start Depth	End Depth	Ft. Drilled
8/24/13	2415' KB	2415' KB	0

Operations

Tucker Wireline arrived at 11pm August 23rd. Compensated density neutron, dual induction, and sonic logs were completed by 1:45am. Drillers ran 1512' of 4 1/2" casing. Allied cemented well. Please see contractor invoice for more cement ticket information.

Time	Depth	Bit Weight	Pump PSI	Pump SPM	Table RPM	Mud Weight	Viscosity	Chlorides

Mud/Chemicals Mixed:

Formation Entered	Depth	Subsea	Units Gas	BG GAS	Prognosis	Hi/Low
Base Kansas City	458	412	2	2	459' KB	1
Anna	657	213	2	2	661' KB	4
Little Osage	680	190	4	2	684' KB	4
Cherokee(Excello)	701	169	2	2	705' KB	4
V Shale	804	66	8	2	809' KB	5
Tebo	867	3	15	2	877' KB	10
Weir	882	-12	2	2	889' KB	7
Bartlesville	951	-81	2	2	957' KB	6
Riverton Coal Marker	1070	-200	20	4	1082' KB	12
McLouth C	1161	-291	4	2	1164' KB	3
McLouth D	1201	-331	7	2	1201' KB	0
Burgess	1258	-388	8	2	1239' KB	-19
Mississippian	1272	-402	2	2	1274' KB	2
Kinderhook	1617	-747	3	2	1624' KB	7
Hunton	1691	-821	2	2	1679' KB	-12
Maquoketa	Absent	#VALUE!	n/a	n/a	1859' KB	n/a
Viola	Absent	#VALUE!	n/a	n/a	1944' KB	n/a
Simpson Shale	2018	-1148	2	2	2034' KB	-16
Arbuckle	2103	-1233	2	2	2044' KB	-59
Reagan					2719' KB	
Granite Wash					2769' KB	
Precambrian					2789' KB	

Drill Stem Test			Cement Surface Sacks
DST#	1	RECOVERY	
Interval:			170
Formation			
Times			
ISIP			
IFP			
FFP			
FSP			A
			Depth@TD
DST#	2	RECOVERY	308'
Interval:			
Formation			
Times			
ISIP			
IFP			
FFP			
FSP			
			Cement Longstring Sacks
DST#	3	RECOVERY	
Interval:			
Formation			
Times			
ISIP			
IFP			
FFP			
FSP			
			Class
			Depth@TD

OIL SHOWS	DESCRIPTION
1170' - McLouth C	(1170 - 1183) - Well srtd, well rnd, poorly cons - completely friable, fg, fast streaming cut, good show on pit, good odor, hvy oil. (1200 - 1210) - Well srtd, well rnd, poorly cons - only sand grains in sample, fg, fast streaming cut, great show on pit, good odor, hvy oil.
1200' - McLouth D	(1245 - 1270) - Well srtd, well rnd, poorly cons, fg, Cc cement, spty blk oil stn, hvy asphaltic oil, weak odor, slow-mod streaming
1245' - Burgess	bright milky cut, no flow of oil onto pit.

Comments:
Drilling break was seen at 2408-2410, likely cause of the lost circulation.


C Heim 2-19D