



KANSAS CORPORATION COMMISSION 1155006
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1155006

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--

Sec. 24, Twp. 15, Rng. 20
 Fr. Co., Kansas
 220 FSL 1980 FEL
 API # 15-059-26418

HUGHES DRILLING REPORT

Well No. S-A Size 7"
 Farm Flynn Feet 2390
 Circulated 9 ex cement

PERMANENT CSG
 Size 2 7/8" 8rd EOB (New)
 Feet 853' of pipe
Bolt at 849'
 T. D. at Completion 863
 Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
7/1/13	0	3	Soil	① 21.5-21.5
	3	19	Sandstone	② 22.5-44.0
13'	19	39	Shale	③ 22.5-66.5
7/2/13	39	41	Lime	④ 22.5-89.0
5 7/8	41	142	Shale	⑤ 22.5-111.5
PDC bit	142	166	Lime	⑥ 22.5-134.0
	166	173	Shale (Slate 166-167)	⑦ 22.5-156.5
	173	183	Lime	⑧ 22.5-179.0
	183	189	Shale	⑨ 22.5-201.5
	189	205	Lime	⑩ 22.5-224.0
	205	241	Shale	⑪ 22.5-246.5
	241	244	Lime	⑫ 22.5-269.0
	244	249	Shale	⑬ 22.5-291.5
	249	269	LIME	⑭ 22.5-314.0
	269	332	Shale (Slaty 274-279)	⑮ 22.5-336.5
	332	353	Lime	⑯ 22.5-359.0
	353	373	Shale (BRKN 369-373)	⑰ 22.5-381.5
	373	378	Lime	⑱ 22.5-404.0
	378	406	Shale	⑲ 22.5-426.5
	406	411	Lime	⑳ 22.5-449.0
	411	423	Shale	㉑ 22.5-471.5
	423	424	LIME	㉒ 22.5-494.0
	424	439	Shale	㉓ 22.5-516.5
30	439	464	Lime (slight oil trace 443-446 no odor)	㉔ 22.5-539.0
	464	472	Shale (Slate 465-466)	㉕ 22.5-561.5
20	472	492	Lime	㉖ 22.5-584.0
	492	500	Shale (Slate 499-500)	

STRATA THICKNESS	FORMATION DRILLED	T.D.
3	Soil	3
16	Sandstone	19
20	Shale	39
2	LIME	41
101	Shale	142
24	Lime	166
7	Shale	173
10	Lime	183
6	Shale	189
16	Lime	205
36	Shale	241
3	LIME	244
5	Shale	249
20	LIME	269
63	Shale	332
21	Lime	353
20	Shale	373
5	Lime	378
28	Shale	406
5	Lime	411
12	Shale	423
1	LIME	424
15	Shale	439
30	25 Lime	464
8	Shale	472
20	28 Lime	492
6	Shale	500
3	Lime	503
5	Shale	508
(Heath)	3 Lime	513
159	Shale	672
3	Lime	675
4	Shale	679
2	Lime	681
7	Shale	688
7	LIME	695
23	Shale	718
8	LIME	726
11	Shale	737
2	LIME	739
4	Shale	743

HUGHES DRILLING REPORT

Well No. 3-A
 Farm Flynn

SURFACE CASING

Size _____
 Feet _____
 Circulated _____
 sx cement _____

PERMANENT CSG.

Size 2 7/8" 8rd EUE (New)
 Feet 853' of pipe
 Bolt at 849'

T. D. at Completion 863

Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling

API # 15-059-26418

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Lime	745
3	shale	748
1	Lime	749
4	Shale	753
6	Lime	759
25	Shale	784
9	lt Brown sand	793
26	oil sand	819
5	Black sand	824
17	shale	841
1	lime	842
15	Shale	857
3	lt Brown sand	860
3	shale	863
		T.D.

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
	500	503	Lime	(27) 225-606.5
	503	508	shale	(28) 225-629.0
"McThum"	508	513	Lime	(29) 225-651.5
	513	672	shale (Bkly 517-521)	(30) 225-674.0
	672	675	Lime	(31) 225-696.5
	675	679	shale	(32) 225-719.0
	679	681	Lime	(33) 225-741.5
	681	688	shale	(34) 225-764.0
	688	695	Lime	(35) 225-786.5
	695	718	shale (Bkly 707-712)	(36) 225-809.0
	718	726	Lime	(37) 225-831.5
	726	737	shale	(38) 225-854.0
	737	739	Lime (Brown)	
	739	743	shale (Slate 739-740)	
	743	745	Lime	
	745	748	shale	
	748	749	Lime	
	749	753	shale	
	753	759	Lime	
	759	784	shale (Lime Break 779)	
"Squirrel"	784	793	lt. Brown sand	Remarks pg-3
	793	819	oil sand	
	819	824	Black sand	
	824	841	shale	
	841	842	Lime	
	842	857	shale	
"Squirrel"	857	860	lt Brown sand	
	860	863	shale	

T.D.
 7-3-13 set 853 of 2 7/8" 8rd EUE (New)
 used 3 centralizers Bolt at 849'

[Handwritten scribbles and signatures]

