



KANSAS CORPORATION COMMISSION 1074156
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 # 5682
Name: Hughes Drilling Co, a General Partnership
Address 1: 122 MAIN
Address 2: _____
City: WELLSVILLE State: KS Zip: 66092 + 8522
Contact Person: Clay Hughes
Phone: (785) 883-2235
CONTRACTOR: License # 5682
Name: Hughes Drilling Co, a General Partnership
Wellsite Geologist: NA
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 #: _____
1/11/2012 1/12/2012 2/15/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-059-25887-00-00
Spot Description: _____
SE NW NW NE Sec. 11 Twp. 16 S. R. 20 East West
4900 Feet from North / South Line of Section
2275 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Franklin
Lease Name: South McMillen Well #: I-1
Field Name: Leloup
Producing Formation: Bartlesville
Elevation: Ground: 966 Kelly Bushing: 0
Total Depth: 795 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 30 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 30 w/ 8 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 1500 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated
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: Deanna Garrison Date: 02/15/2012



1074156

Operator Name: Hughes Drilling Co, a General Partnership Lease Name: South McMillen Well #: I-1
 Sec. 11 Twp. 16 S. R. 20 East West County: Franklin

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: GammaRay/Neutron/CCL	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>GammaRay</td> <td></td> <td></td> </tr> </table>	Name	Top	Datum	GammaRay		
Name	Top	Datum					
GammaRay							

CASING RECORD <input checked="" 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
Surface	9	7	10	30	Portland	8	50/50 POZ
Completion	5.6250	2.8750	8	785	Portland	114	50/50 POZ

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
3	731.0-738.0	2" DML RTG	7

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
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 (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: _____ _____
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Sec. 11 Twp. 16 Rng. 20
 Fr Co., Kansas
 4900 FSL 2275 FEL
 API # 15-059-25887-00-00

HUGHES DRILLING REPORT

Well No. I-1
 Farm S. Mcmillan
 SURFACE CASING
 Size 7"
 Feet 30.70'
 Circulated 8 sx cement

PERMANENT CSG
 Size 2 7/8" 8rd EVE (new)
 Feet 780' pipe T.O.
 Bolt at 775'

T. D. at Completion 795'
 Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	soil	2
24	clay	26
15	shale	41
4	lime	45
3	shale	48
18	lime	66
7	shale	73
10	lime	83
6	shale	89
19	lime	108
31	shale	139
31	lime	170
5	shale	175
10	sand	185
53	shale	238
23	lime	263
17	shale	280
6	lime	286
26	shale	312
10	lime	322
7	shale	329
2	lime	331
15	shale	346
30	lime	378
9	shale	387
20	lime	399
7	shale	406
3	lime	409
3	shale	412
5	lime	417
116	shale	533
2	sand	535
34	shale	569
4	sand	573
16	shale	589
8	lime	597
9	shale	606
4	lime	610
7	shale	617
3	lime	624
14	shale	638

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
7/9/12	0	2	soil	(1) 21.5-21.5
30'	2	26	clay (Gfavel 25-26)	(2) 22.5-44.0
1/11/12	26	41	shale	(3) 22.5-66.5
5 ¹⁸	41	45	lime	(4) 22.5-89.0
PDL	45	48	shale	(5) 22.5-111.5
	48	66	lime	(6) 22.5-134.0
	66	73	shale	(7) 22.5-156.5
	73	83	lime	(8) 22.5-179.0
	83	89	shale	(9) 22.5-201.5
	89	108	lime	(10) 22.5-224.0
	108	139	shale	(11) 22.5-246.5
	139	170	lime	(12) 22.5-269.0
	170	175	shale	(13) 22.5-291.5
	175	185	sand	(14) 22.5-314.0
	185	238	shale	(15) 22.5-336.5
	238	263	lime	(16) 22.5-359.0
	263	280	shale	(17) 22.5-381.5
	280	286	lime	(18) 22.5-404.0
	286	312	shale	(19) 22.5-426.5
	312	322	lime	(20) 22.5-449.0
	322	329	shale	(21) 22.5-471.5
	329	331	lime	(22) 22.5-494.0
	331	346	shale	(23) 22.5-516.5
30'	346	369	lime	(24) 22.5-539.0
	369	378	shale (slate 371-372)	(25) 22.5-561.5
20'	378	399	lime	(26) 22.5-584.0
	399	406	shale (slate 404-405)	(27) 22.5-606.5

Driller - Eric Schultz
 Isaac Burbank

HUGHES DRILLING REPORT

Well No. I-1
Farm S. McMillen
Size _____
Feet _____
Circulated _____ sx cement

PERMANENT CSG.
Size 2 7/8 8rd EUE (new)
Feet 780' pipe T.D.
Bott at 775'
T. D. at Completion 795'
Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling

STRATA THICKNESS	FORMATION DRILLED	T.D.
3	LIME	641
6	Shale	647
9	LIME	656
7	Shale	663
7	LIME	670
8	Shale	678
16	Sand	694
27	Shale	721
1	Lime	722
6	Shale	728
1	Lime	729
11	Sand	740
55	Shale	795
		T.D.

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
1/11/12	406	409	LIME	(28) 22.5-629
	409	412	Shale	(29) 22.5-651
"Aertho"	412	417	LIME	(30) 22.5-674
	417	533	Shale	(31) 22.5-696
	533	535	Sand	(32) 22.5-719
	535	569	Shale (BRK 565-567)	(33) 22.5-741
"Wey side"	569	573	Sand (some Bleeding oil)	(34) 22.5-764
	573	589	Shale	(35) 22.5-786
	589	597	LIME	
	597	606	Shale	
	606	610	LIME	
	610	617	Shale	
	617	624	LIME	
	624	638	Shale	
	638	641	Lime (Brown)	
	641	647	Shale (slate 642-643)	
	647	656	Lime	
	656	663	Shale	
"Ft. Scott"	663	670	Lime (Little Bleeding oil)	
	670	678	Shale	
"#1 Squinzel"	678	694	Sand (Remarks pg. 3)	
	694	721	Shale	
	721	722	LIME	
	722	728	Shale	
	728	729	LIME	
"#2 Squinzel"	729	740	Sand (Remarks pg. 4)	
	740	795	Shale	

T.D.
1-11-12 - set 780' of 2 7/8 8rd EUE (New)
Bott at 775' used 3 centralizers

