



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
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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

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: _____



1099871

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
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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
_____ 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
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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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HUGHES DRILLING CO.

P93

Wellsville, Kansas 66092

Roger 913-883-2235
Darrel 913-883-4027

Ron 913-883-4655
Clay 913-883-4383

CORE TIME # T-4
LEASE S. McMillen
FORMATION #1 Squirrel
DATE: 8/30/12

~~CRP~~ chip sample

FROM	FEET TO	TIME	MINUTES	REMARKS
714	715	}		sand very lamin w/shale (Some Bleeding 714-717) (Bleeding 717-719)
715	716			
716	717			
717	718			
718	719			
719	720	-		solid sand (good bleed)
720	721	}		sand lamin w/shale (bleeding)
721	722			
722	723	-		sand very lamin, w/shale (bleed)
723	724	}		sand lamin, w/shale (some bleed)
724	725			
725	726	}		solid sand (some bleed) This sand looks black with some gra
726	727			
727	728	-		sand very lamin w/shale little (bleed) ^{black}
728	729	}		sand slightly lamin w/shale (black sand) (some bleed)
729	730			
730	731	}		(possibly Pent 719-728 cut)
731	732			
732	733			
733	734			
734	735			
735	736			

HUGHES DRILLING CO.

Pg 4

Wellsville, Kansas 66092

Roger 913-883-2235
Darrel 913-883-4027

CORE TIME

Ron 913-883-4655
Clay 913-883-4383

LEASE South McMillen #1-4

FORMATION F2 squirrel

DATE: 8/30/12

CCFM chip sample

FROM	FEET TO	TIME	MINUTES	REMARKS
770	771	-		Sand very lamina. w/shale (some bleed)
771	772	-		Sand lamina, w/shale (bleeding)
772	773	}		solid sand (Good bleed)
773	774			
774	775			
775	776	}		solid sand (Blackish color)
776	777			
777	778			(bleeding)
778	779	-		Sand lamina w/shale (bleeding) (BLK)
779	780	}		sand very lamina, w/shale (bleeding 779-780) (some bleed 780-781)
780	781			
781	782	}		shale
782	783			
783	784			
784	785			(Best Perf zone 771-780) CCM

Sec. 11, Twp. 16, Rng. 20
 Fr. Co., Kansas
 4480 FSL 1520 FEL
 API # 15-059-26198

HUGHES DRILLING REPORT

Well No. **14**
 Farm **S. McMillan**
 SURFACE CASING Size **7"**
 Feet **43.05**
 Circulated **13** sx cement

PERMANENT CSG.
 Size.....
 Feet.....
 T. D. at Completion **827'**
 Contractor **HUGHES DRILLING CO.**

OPERATOR **Hughes Drilling**

STRATA THICKNESS	FORMATION DRILLED	T.D.
3	Soil	3
39	Clay	42
21	Shale	63
27	Lime	90
9	Shale	99
9	Lime	108
7	Shale	115
15	Lime	130
14	Shale	144
10	Gr. Sand	154
12	Shale	166
28	Lime	194
5	Shale	199
12	Gr. Sand	211
57	Shale	268
22	Lime	290
15	Shale	305
8	Lime	313
24	Shale	337
10	Lime	347
27	Shale	374
30	Lime	397
9	Shale	406
20	Lime	431
4	Shale	435
4	Lime	439
3	Shale	441
11	Lime	447
118	Shale	565
4	Sdy Lime	569
40	Shale	609
1	Gr. Sand	610
11	Shale	621
9	Lime	630
10	Shale	640
1	Lime	644
7	Shale	651
10	Lime	661
12	Shale	673
3	Lime	676
10	Shale	686

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
8/29/12	0	3	Soil	21.5-21.5
43'	3	42	Clay	22.5-44.0
8/30/12	42	63	Shale	22.5-66.5
5 7/8 PDC	63	90	Lime	22.5-89.0
	90	99	Shale	22.5-111.5
	99	108	Lime	22.5-134.0
	108	115	Shale	22.5-156.5
	115	130	Lime	22.5-179.0
	130	144	Shale (Red Bed 136-138)	22.5-201.5
	144	154	Gray Sand	22.5-224.0
	154	166	Shale	22.5-246.5
	166	194	Lime	22.5-269.0
	194	199	Shale	22.5-291.5
	199	211	Gray Sand	22.5-314.0
	211	268	Shale	22.5-336.5
	268	290	Lime	22.5-359.0
	290	305	Shale (Broken 296-301)	22.5-381.5
	305	313	Lime	22.5-404.0
	313	337	Shale	22.5-426.5
	337	347	Lime	22.5-449.0
	347	374	Shale (Broken 357-359)	22.5-471.5
30'	374	397	Lime	22.5-494.0
	397	406	Shale (Slate 404-405)	22.5-516.5
20'	406	431	Lime	22.5-539.0
	431	435	Shale (Slate 433-434)	22.5-561.5
	435	439	Lime	22.5-584.0
	439	441	Shale	22.5-606.5

FR Co., Kansas
4480 FSL 1520 FEL

API # 15-039-26198

HUGHES DRILLING REPORT

Well No. I-4 SURFACE CASING Size..... PERMANENT CSG. Size.....
 Farm S. McMillen Feet..... Feet.....
 Circulated _____ sx cement

OPERATOR Hughes Drilling T. D. at Completion 827'
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
5	Lime	691
10	shale	701
6	lime	707
7	shale	714
#1 sq. 17	Sand	731
39	shale	770
#2 sq. 11	Sand	781
46	shale	827
		TD

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
"Hertha"	441	447	Lime	(28) 22.5-629.0
	447	565	shale (Broken 450-454)	(29) 22.5-651.5
	565	569	Sdy Lime	(30) 22.5-674.0
	569	609	shale (Broken 599-600) Broken 600-609	
	609	610	Sand (laminated w/ shale - oil trace)	
	610	621	shale	(31) 22.5-696.5
	621	630	Lime	(32) 22.5-719.0
	630	640	shale	(33) 22.5-741.5
	640	644	Lime	(34) 22.5-764.0
	644	651	shale (slate 644-645)	(35) 22.5-786.5
	651	661	Lime	(36) 22.5-809.0
	661	673	shale	
	673	676	Lime (Brown)	
	676	686	shale (slate 676-677) (Broken 682-686)	
	686	691	Lime	
	691	701	shale	
	701	707	Lime (oil show)	
	707	714	shale	
#1 Squirmed	714	731	Sand (Remarks pg 3)	
	731	770	shale (Sdy 731-736) (Lime blk 768)	
#2 Squirmed	770	781	Sand (Remarks pg 4)	
	781	827	shale	
	827	TD		

8/31/12 - Set 817' of 2 7/8" sand GCS pipe
 BOIT 9T 810'
 used 3 centralizers