



KANSAS CORPORATION COMMISSION 1099839
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 SLOW
 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 #: _____

<u>8/21/2012</u>	<u>8/22/2012</u>	<u>8/24/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-059-25820-00-00

Spot Description: _____
_____ SW Sec. 33 Twp. 15 S. R. 20 East West
1320 Feet from North / South Line of Section
3960 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Franklin

Lease Name: Lutter Well #: I-9

Field Name: Norwood

Producing Formation: Squirrel

Elevation: Ground: 939 Kelly Bushing: 0

Total Depth: 777 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 23 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: 23 w/ 7 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: 11/08/2012



1099839

Operator Name: Hughes Drilling Co, a General Partnership Lease Name: Lutter Well #: I-9
 Sec. 33 Twp. 15 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 Name Top Datum GammaRay
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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	23	Portland	7	50/50 POZ
Completion	5.6250	2.8750	8	762	Portland	96	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
4	726.0-732.0	2" DML RTG	6

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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 39525

LOCATION Oklahoma KS

FOREMAN Fred Maden

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/22/12	3425	Luther 2-9	S23	N5	20	FR
CUSTOMER <u>Hughes Drilling</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS <u>122 N Main</u>			<u>506 Fred Mad Safety MIT</u>			
CITY STATE ZIP CODE <u>Wellsville KS 66092</u>			<u>495 Har Bar NB</u>			
			<u>548 MKHaa MH</u>			

JOB TYPE logston HOLE SIZE 5 7/8 HOLE DEPTH 777 CASING SIZE & WEIGHT 2 1/8 EUE
 CASING DEPTH 762 DRILL PIPE Pin in TUBING @ 757 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 2 1/2 bags + 7'
 DISPLACEMENT 4.4 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 RPM

REMARKS: Establish circulation Mix + Pump 100# Gal Flush Mix + Pump
96 SKs 50/50 Pre Mix Cement 2 1/2 Gal. Cement to Surface.
Flush pump + lines clean. Displace 2 1/2" Rubber plug
to pin in casing. Pressure to 800# PSI. Hold +
Monitor pressure for 30 min MIT. Shut in casing.

Customer Supplied Water Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1030 ⁰⁰
5406	15 mi	MILEAGE	495	60 ⁰⁰
5402	762	Lasty footage		N/C
5407	Minimum	Ton Miles	548	350 ⁰⁰
424	96 SKs	50/50 Pre Mix Cement		1051 ²⁰
415B	262 ⁰⁰	Premium Gel		50 ⁰⁰
4402	1	2 1/2" Rubber Plug		25 ⁰⁰
			7.870	
			SALES TAX	88 46
			ESTIMATED TOTAL	2662 ⁶⁸

Ravin 3737

AUTHORIZATION ZD TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

252309

Sec. 33, Twp. 15, Rng. 20
 Franklin Co., Kansas
 1320 FSL 3960 FEL
 API # 15-059-25820-10-00

HUGHES DRILLING REPORT

Well No. I-9 SURFACE CASING Size: 7"
 Farm L. H. Hester Feet: 23.60 PERMANENT CSG. Feet: _____
 Circulated 7 ex cement

OPERATOR Hughes Drilling

T. D. at Completion 277
 Contractor HUGHES DRILLING CO.

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
8/21/12	0	3	Soil	(1) 21.5-21.5
	3	16	clay	(2) 22.5-44.0
23'	16	63	Shale	(3) 22.5-66.5
122112	63	70	Lime	(4) 22.5-89.0
5 5/8" P.C.	70	73	Shale	(5) 22.5-111.5
	73	90	Lime	(6) 22.5-134.0
	90	97	Shale (Dark) slate 95-96	(7) 22.5-156.5
	97	107	Lime	(8) 22.5-174.0
	107	112	slate	(9) 22.5-201.5
	112	130	Lime	(10) 22.5-224.0
	130	162	Shale (Red Bed 135-140)	(11) 22.5-246.5
	162	185	Lime	(12) 22.5-269.0
	185	259	Shale (sandy 185-142)	(13) 22.5-291.5
	259	281	Lime	(14) 22.5-314.0
	281	304	Shale (Red Bed 298-304)	(15) 22.5-336.5
	304	310	Lime	(16) 22.5-359.0
	310	336	Shale	(17) 22.5-381.5
	336	350	Lime	(18) 22.5-404.0
	350	369	Shale (Broken 353-356)	(19) 22.5-426.5
3'	369	393	Lime	(20) 22.5-449.0
	393	400	Shale (Slate 398-399)	(21) 22.5-471.5
20'	400	426	Lime	(22) 22.5-494.0
	426	430	Shale (Slate 428-429)	(23) 22.5-516.5
	430	433	Lime	(24) 22.5-539.0
	433	436	Shale	(25) 22.5-561.5
14' Hester	436	444	Lime	(26) 22.5-584.0
	444	515	Shale (Broken 448-450) (Sandy Shale 481-493)	(27) 22.5-606.5

STRATA THICKNESS	FORMATION DRILLED	T.D.
3	Soil	3
13	Clay	16
47	Shale	63
7	Lime	90
3	Shale	73
17	Lime	90
7	Shale	97
10	Lime	107
5	Shale	118
18	Lime	130
20	Shale	162
23	Lime	185
74	Shale	259
22	Lime	281
23	Shale	304
6	Lime	310
26	Shale	336
14	Lime	350
19	Shale	369
24	Lime	393
7	Shale	400
26	Lime	426
4	Shale	430
3	Lime	433
3	Shale	436
8	Lime	444
71	Shale	515
5	Gr Sand	520
39	Shale	559
5	Sand	564
46	Shale	610
10	Lime	620
22	Shale	642
9	Lime	651
9	Shale	662
3	Lime	665
7	Shale	672
12	Lime	684
10	Shale	694
8	Lime	702
24	Shale	726

Sec. 33, Twp. 15, Rng. 20 (KJ)
 Fr. _____ Co., Kansas
 FSL 3960 FEL
 API # 15-059-25820

HUGHES DRILLING REPORT

Well No. 7-9 SURFACE CASING PERMANENT CSG.
 Farm Letter Size _____ Size 2 7/8" 8nd EUE
 Feet _____ Feet 762 (Bolt at 757)
 Circulated _____ sx cement
 OPERATOR Hughes Drilling Co. T. D. at Completion 777
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
6	Sand	732
10	Shale	742
1	Lime	743
8	Shale	751
1	Lime	752
4	Shale	760
4	Sdy Shale	760
17	Shale	777
		T.D.

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
8/22/12	515	520	Gray Sand	(28) 22.5-629.0
	520	554	Shale	(48) 22.5-651.5
	559	584	Sand (Slight color)	(30) 22.5-674.0
	564	610	Shale (Sandy Shale 575-518) Broken Lime 592-570	(11) 22.5-696.5
	610	620	Lime	(3) 22.5-719.0
	620	642	Shale (Broken 625-630)	(32) 22.5-741.5
	642	651	Lime	(34) 22.5-764.0
	651	662	Shale	
	662	665	Lime (Brown)	
	665	672	Shale (Slate 667-668)	
	672	684	Lime	
	684	694	Shale	
	694	702	Lime	
	702	726	Shale	
#1 Squared	726	732	Sand (Remarks pg. 3)	
	732	742	Shale	
	742	743	Lime	
	743	751	Shale	
	751	752	Lime	
	752	756	Shale	
	756	760	Sdy Shale	
	760	777	Shale	
			T.D.	

8/22/12 - Set 762' of 2 7/8" 8nd EUE
 used 3 centralized,
 Bolt at 757'