



KANSAS CORPORATION COMMISSION 1084563  
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 #: \_\_\_\_\_

1/4/2012	1/5/2012	1/6/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-059-25889-00-00

Spot Description: \_\_\_\_\_  
SE NE NW NE Sec. 11 Twp. 16 S. R. 20  East  West  
4918 Feet from  North /  South Line of Section  
1522 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-3

Field Name: Leloup

Producing Formation: Squirrel

Elevation: Ground: 981 Kelly Bushing: 0

Total Depth: 762 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 40 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: 40 w/ 12 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 Gantior Date: 06/19/2012



1084563

Operator Name: Hughes Drilling Co, a General Partnership Lease Name: South McMillen Well #: I-3  
 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 checked="" type="checkbox"/> Yes <input 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
--	---

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	40	Portland	12	50/50 POZ
Completion	5.6250	2.8750	8	745	Portland	91	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 (Amount and Kind of Material Used)	Depth
3	696-706	2" DML RTG	10

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: _____ _____
---	---	--



**CONSOLIDATED**  
Oil Well Services, LLC

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

TICKET NUMBER 36786  
LOCATION D+tau9  
FOREMAN Alan Mader

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-6-12	3425	S. McMillan 2-3	NE 11	16	20	JK

CUSTOMER: Hughes Drilling  
MAILING ADDRESS: 122 Main  
CITY: Wellsville STATE: KS ZIP CODE: 66092

TRUCK #	DRIVER	TRUCK #	DRIVER
516	Alan M Sater		
368	Arten M NBY		
558	Gary M GM		

JOB TYPE: long string HOLE SIZE: 5 5/8 HOLE DEPTH: 762 CASING SIZE & WEIGHT: 2 3/8  
CASING DEPTH: 745 DRILL PIPE: \_\_\_\_\_ TUBING: \_\_\_\_\_ OTHER: 740 pin  
SLURRY WEIGHT: \_\_\_\_\_ SLURRY VOL: \_\_\_\_\_ WATER gal/sk: \_\_\_\_\_ CEMENT LEFT in CASING: \_\_\_\_\_  
DISPLACEMENT: 4.3 DISPLACEMENT PSI: 800 MIX PSI: 200 RATE: 4.5 gpm

REMARKS: Hold crew meet. Established rate. Mixed gel pumped 100 # gal followed by 91 sk 50/50 cem plus 2% gel. Circulated cement. Flushed pump. Pumped plus to pin. Closed valve.  
Hughes Drilling & water

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	13	MILEAGE		1030.00
5402	745	casing footage		60.00
5407	mi 4	2 3/8 in. cas		300.00
1124	91	50/50 cem.		996.45
118B	253 #	gel		53.43
41402	1	2 3/8 plug		28.00

246960

**SCANNED**

Rev'n 3737

AUTHORIZATION: [Signature] TITLE \_\_\_\_\_

SALES TAX: 84.04  
ESTIMATED TOTAL: 2601.62  
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.

# HUGHES DRILLING REPORT

Well No. T-3  
 Surface casing Size 7  
 Feet 40.50  
 Circulated 12 ex cement

PERMANENT CSG.  
 Size 2 3/4" Galv EWE (new)  
 Feet 7.45 Bolt at 740

OPERATOR Hughes Drilling

T. D. at Completion 762  
 Contractor HUGHES DRILLING CO.

Sec. 11 Twp. 16 Rnd. 20  
 ET Co., Kansas  
4900 FSL 1475 FEL  
 API# 15-059-25889-00-0

DATE	DRILLED		REMARKS -- TYPE WORK -- BILLING REF.	PIPE TALLY
	FROM	TO		
1/4/12	0	2	Soil	
4/8	2	37	Clay	(1) 21.5-37.0
1/2/12	37	51	Shale	(2) 37.0-51.0
5/8	51	56	Lime	(3) 51.0-56.0
7/21	56	58	Shale (sdy)	(4) 56.0-58.0
	58	74	Lime	(5) 58.0-74.0
	74	88	Shale (Slate 82-83)	(6) 74.0-88.0
	88	96	Lime	(7) 88.0-96.0
	96	102	Shale	(8) 96.0-102.0
	102	121	Lime	(9) 102.0-121.0
	121	153	Shale	(10) 121.0-153.0
	153	181	Lime	(11) 153.0-181.0
	181	192	Shale	(12) 181.0-192.0
	192	198	Soil	(13) 192.0-198.0
	198	258	Shale	(14) 198.0-258.0
	258	273	Lime	(15) 258.0-273.0
	273	291	Shale (sdy 273-279)	(16) 273.0-291.0
	291	298	Lime	(17) 291.0-298.0
	298	322	Shale	(18) 298.0-322.0
	322	336	Lime	(19) 322.0-336.0
	336	358	Shale (Slate 342-343)	(20) 336.0-358.0
3/1	358	384	Lime	(21) 358.0-384.0
	384	390	Shale (Slate 384-385)	(22) 384.0-390.0
20	390	413	Lime	(23) 390.0-413.0
	413	417	Shale (Slate 416-417)	(24) 413.0-417.0
	417	427	Lime	(25) 417.0-427.0
	427	428	Shale	(26) 427.0-428.0
	428	600	Lime	(27) 428.0-600.0

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2
3	Clay	5
15		20
4	Shale	24
2	Shale	26
20	Lime	46
7	Shale	53
11	Lime	64
6	Shale	70
19	Lime	89
32	Shale	121
28	Lime	149
6	Shale	155
2	Shale	157
60	Shale	217
2	Lime	219
102	Shale	321
2	Lime	323
24	Shale	347
141	Lime	588
22	Shale	610
26	Lime	636
6	Shale	642
4	Shale	646
4	Lime	650
2	Shale	652
5	Lime	657
1	Shale	658
12	Shale	670
12	Lime	682
12	Shale	694
4	Lime	698
5	Shale	703
7	Lime	710
1	Shale	711

Drillers - Isaac Burkhardt  
 Eric Schultz

Soc. 11, Twp. 16, Rng. 20  
 Fr. Co., Kansas  
 4900 FSL 147.5 FEL  
 API # 15-059-25389-00-100

# HUGHES DRILLING REPORT

Well No. **I-3**  
 Farm **S. M. Miller**  
 SURFACE CASING  
 Size \_\_\_\_\_  
 Feet \_\_\_\_\_  
 Circulated \_\_\_\_\_ sx cement

PERMANENT CSG.  
 Size **2 7/8" 3rd EUE (new)**  
 Feet **745 (3rd run 740')**

OPERATOR **Hughes Drilling**  
 T. D. at Completion **762**  
 Contractor **HUGHES DRILLING CO.**

STRATA THICKNESS	FORMATION DRILLED	T.O.
4	lime	680
	shale	680
6	lime	693
#1 Squirt 14	oil sand	709
50	shale	739
2	lime	742
#2 Squirt 11	oil sand	753
7	shale	762
	T.D.	

DATE	DILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
1/5/12	421	423	shale	(28) 22.5-629
	428	428	lime	(29) 22.5-652
	428	586	shale (BRKN 431-436) (68)	(31) 22.5-576-579
	586	587	sand (wayside oil odor)	
	587	599	shale	(30) 22.5-674
	599	(61)	lime	(31) 22.5-696
	611	619	shale	(32) 22.5-719
	619	622	lime	(33) 22.5-741
	622	629	shale	
	629	636	lime	
	636	649	shale	
	649	653	lime (brown)	
	653	658	shale (slate 653-658)	
	658	(66)	lime	
	667	676	shale	
	676	680	lime (Rainbow Ft. Scott)	
	680	689	shale (white 684-689)	
	689	693	lime (sandy)	
#1 Squirt	693	709	oil sand (remarks pg. 3)	
	709	739	shale (lime break 732-733)	
	739	742	lime	
#2 Squirt	742	753	sand (remarks pg. 4)	
	753	762	shale	
			T.D.	

1/6/12 - Set 745' of 2 7/8" 3rd EUE (new)  
 Bolt at 740'  
 used 4 centralizers

# HUGHES DRILLING CO.

Wellsville, Kansas 66092

193

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

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

CORE TIME  
LEASE: FT-3 South McMillan  
FORMATION E 1 Siquicel  
DATE: 1/5/11

(RPM 6.4 in 30 sec)

FROM	FEET TO	TIME	MINUTES	REMARKS
689	695	-		Soly Lime (No. 1)
695	696	-		sand very lamin w/shale (some bleed)
696	697	}		Sand slightly lamin w/shale (bleeding)
697	698			
698	699			
699	700			
700	701	}		sand very lamin w/shale (some bleed)
701	702			
702	703	}		Sand slightly lamin w/shale (bleeding)
703	704			
704	705			
705	706	}		Sand lamin w/shale (bleeding)
706	707			
707	708	}		sand very lamin w/shale (little bleed)
708	709			
709	710	}		shale
710	711			
711	712			
(Best Perf Zone) 696-706 CCH				
(Midwest various Perfor 6 7/12) 696-706 31 per ft 2" PML-RTG				