

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5682  
Name: Hughes Drilling Co.  
Address: 122 N. Main  
City/State/Zip: Wellsville, Ks. 66092  
Purchaser: CMT  
Operator Contact Person: Carl (Clay) Hughes  
Phone: (785) 883-2235  
Contractor: Name: company tools  
License: 5682  
Wellsite Geologist: none

API No. 15 - 059-25048-00-00  
County: Franklin  
SW NE NW NE Sec. 11 Twp. 16 S. R. 20  East  West  
4680 feet from (S) N (circle one) Line of Section  
1695 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: South McMillen Well #: 8  
Field Name: Le Loup  
Producing Formation: Squirrel  
Elevation: Ground: na Kelly Bushing: \_\_\_\_\_  
Total Depth: 807 Plug Back Total Depth: 798  
Amount of Surface Pipe Set and Cemented at 25.70 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 798  
feet depth to surface w/ 122 sx cmt.

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

3/30/05 4/4/05 6/20/05  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan A1+ II ncr  
(Data must be collected from the Reserve Pit) 9-12-08  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: RECEIVED  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No. 2 2005  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. S R  East  West  
County: \_\_\_\_\_ Docket No.: KCC WICHITA

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Carl C. Hughes  
Title: partner Date: 1/10/06  
Subscribed and sworn to before me this 10<sup>th</sup> day of January,  
20 06.  
Notary Public: Brenda F. Vickers  
Date Commission Expires: 12-03-09



**KCC Office Use ONLY**  
NO Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Hughes Drilling Co. Lease Name: South McMillen Well #: 8  
 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 copy of all Electric Wireline 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 <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Gamma Ray- Neutron</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  Name Top Datum  Hertha 430-436 1st Squirrel 703-712 2nd Squirrel 758-768
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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
surface	11 5/8	7	15	25.70	portland	7	
production	5 5/8	2 7/8	7	798	50/50 pozmi	122	2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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	2" DML-RTG 31 Perfs 759-769	fracture-5500# of sand	759-769
		RECEIVED JAN 12 2005 KCC WICHITA	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>6/21/05</b>		Producing Method <input type="checkbox"/> Flowing <input checked="" 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
	2	trace	1/2	

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

o/p. - Hughes Drilling Co

# HUGHES DRILLING REPORT

4688 FSL  
1695 FEL

S. 11, Twp 16, R 20 E  
FORMATION DRILLED  
AP# 15-059-25048

Well No. #8  
Farm South McMillan  
Water Streak @  
Water Level @  
Approved  
Superintendent  
SET IN PIPE  
Size 7"  
Feet 25.70  
Cond. good  
Top Sand  
PERMANENT CSG.  
Size (7 5/8")  
Feet (Cement Circ. to surface)  
Cond.  
T. D. at Completion 807  
Contractor HUGHES DRILLING CO.

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
3/30/05		0	3	Soil	① 21.0 - 21.0
	25'	3	39	clay	② 21.5 - 43.5
1/31/05		39	53	shale	③ 22.5 - 66.0
4 1/2" cutter		53	82	lime	④ 22.5 - 88.5
		82	88	shale (slate 86-88)	⑤ 22.5 - 111.0
		88	99	lime	⑥ 22.5 - 133.5
		99	105	shale	⑦ 22.5 - 156.0
		105	121	lime	⑧ 22.5 - 178.5
		121	156	shale	⑨ 22.5 - 201.0
		156	182	lime	⑩ 22.5 - 223.5
		182	186	shale	⑪ 22.5 - 246.0
		186	191	sand	⑫ 22.5 - 268.5
		191	256	shale	⑬ 22.5 - 291.0
		256	279	lime	⑭ 22.5 - 313.5
		279	294	shale	⑮ 22.5 - 336.0
		294	301	lime	⑯ 22.5 - 358.5
		301	328	shale	⑰ 22.5 - 381.0
		328	340	lime	⑱ 22.5 - 403.5
		340	365	shale	⑲ 22.5 - 426.0
	30'	365	389	lime	⑳ 22.5 - 448.5
		389	397	shale (slate 395-396)	㉑ 22.5 - 471.0
	20'	397	420	lime	㉒ 22.5 - 493.5
		420	424	shale (slate 423-424)	㉓ 22.5 - 516.0
	424'	424	428	lime	㉔ 22.5 - 538.5
1/1/05		428	430	shale	㉕ 22.5 - 561.0
"Heath"		430	436	lime	㉖ 22.5 - 583.5
160' bit		436	598	shale (Bnk 439-442) (Bnk 561-563)	

STRATA THICKNESS	FORMATION DRILLED	T.O.
3	soil	3
36	clay	39
14	shale	53
29	lime	82
6	shale	88
11	lime	99
6	shale	105
16	lime	121
35	shale	156
26	lime	182
4	shale	186
5	sand	191
65	shale	256
23	lime	279
15	shale	294
7	lime	301
27	shale	328
12	lime	340
24	shale	364
25	lime	389
8	shale	397
20	lime	420
4	shale	424
4	lime	428
2	shale	430
6	lime	436
162	shale	598
3	sand	601
9	shale	610
9	lime	619
10	shale	629
4	lime	633
7	shale	640
7	lime	647
15	shale	662
4	lime	666
9	shale	675
7	lime	682
9	shale	691
5	lime	696
7	shale	703

3/30/05 - set 25.70' of 7" surface pipe  
circulated 7 sacks cement to surface

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# HUGHES DRILLING REPORT

Well No. **# 8** SET IN PIPE PERMANENT CSG. TUBING  
 Farm **South McM. 11 1/2** Size..... Size.....  
 Water Streak @ ..... Feet..... Feet.....  
 Water Level @ ..... Cond..... Cond.....  
 Top Sand ..... T. D. at Completion **807**.....  
 approved ..... Contractor **HUGHES DRILLING CO.**  
Supervisor

STRATA THICKNESS	FORMATION	T.O.
#1 sq. 9	Oil Sand	772
9	sd. shale	721
27	shale	748
1	lime	749
6	shale	755
1	lime	756
2	shale	758
#2 sq. 10	Oil Sand	768
39	shale	807
		TD

DATE	HOUS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
"Wagside"		598	601	sand (some bleeding oil)	(27) 22.5-626.0
		601	610	shale	(28) 22.5-628.5
		610	619	lime	(29) 22.5-651.0
		619	629	shale	(30) 22.5-673.5
		629	633	lime	(31) 22.5-696.0
		633	640	shale	(32) 22.5-718.5
		640	647	lime	(33) 22.5-741.0
		647	662	shale	(34) 22.5-763.5
		662	666	lime (Brown)	(35) 22.5-786.0
		666	675	shale	
		675	682	lime	
		682	691	shale	
		691	696	lime (oil show)	
		696	703	shale	
#1 Square		703	712	Oil sand (core time pg 3)	
		712	721	sd. shale	
4/4/05		721	748	shale	
		748	749	lime	
		749	755	shale	
		755	756	lime	
		756	758	shale	
#2 Square		758	768	Oil sand (Remarks pg 4)	
		768	807	shale	
				TD	
4/4/05				set 798' of 2 7/8" 8rd upset pipe	
				used 3 centralizers	

START CORE 704'  
 KID 7  
 7-JTs left

Boil in Bottom

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# HUGHES DRILLING CO.

(Pg 3)

Wellsville, Kansas 66092

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

CORE TIME

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

LEASE J. McMillen # 8

FORMATION 1<sup>st</sup> Squirrel

DATE: 4-1-05

(RPM 3" core (1<sup>st</sup> well))

FROM	FEET TO	TIME	MINUTES	REMARKS
703	704	Chip Sample	—	Sand lamin w/shale (Bleeding 0.1)
① 704	705	3:03:00 - 3:04:15	1:15	} Shale 704-705.5
② 705	706	3:04:15 - 3:05:45	1:30	
③ 706	707	3:05:45 - 3:07:15	1:30	} Solid Sand 705.5-707 (B.O.)
④ 707	708	3:07:15 - 3:11:00	3:45	
⑤ 708	709	3:11:00 - 3:13:30	2:30	} Sdy Line (No 0.1) 707-708.5
⑥ 709	710	3:13:30 - 3:15:00	1:30	
⑦ 710	711	3:15:00 - 3:16:15	1:15	} 708.5-710.5 (Some Bleeding) sand very lamin. w/shale
⑧ 711	712	3:16:15 - 3:17:30	1:15	
⑨ 712	713	3:17:30 - 3:18:45	1:15	} Solid Sand 710.5-712 (B.O.)
⑩ 713	714	3:18:45 - 3:20:15	1:30	
⑪ 714	715	3:20:15 - 3:21:45	1:30	} Sdy shale
⑫ 715	716	3:21:45 - 3:23:00	1:15	
⑬ 716	717	3:23:00 - 3:23:45	:45	} Thin strips of sand all thru this section (little bleeding)
⑭ 717	718	3:23:45 - 3:24:45	1:00	
⑮ 718	719	3:24:45 - 3:25:45	1:00	} Shale
⑯ 719	720	3:25:45 - 3:27:00	1:15	
⑰ 720	721	3:27:00 - 3:28:00	1:00	} Shale
⑱ 721	722	3:28:00 - 3:29:00	1:00	
⑳ 722	723	3:29:00 - 3:30:15	1:15	} Shale
723	724	3:30:15 - 3:31:30	1:15	

(Best Perf zone  
705.5 - 712)  
CAH

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# HUGHES DRILLING CO.

Pg. 4

Wellsville, Kansas 66092

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

CORE TIME

LEASE S. McMillen #8

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

FORMATION #2 Squirrel

chip sample

DATE: 4/4/05

(RPM)

FROM	FEET TO	TIME	MINUTES	REMARKS
748	749	chip sample	-	Lime
749	755	"	-	shale
755	756	"	-	Lime
756	757	"	-	} shale
757	758	"	-	
758	759	"	-	} 758-764 Solid Sand (Good Bleeding Oil)
759	760	"	-	
760	761	"	-	
761	762	"	-	
762	763	"	-	
763	764	"	-	} 764-768 sand very lamina w/shale
764	765	"	-	
765	766	"	-	} Bleeding Oil
766	767	"	-	
767	768	"	-	} SHALE
768	769	"	-	
769	770	"	-	

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(Best Perf Zone)  
758-768  
CCN

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

TICKET NUMBER 2043  
LOCATION Ottawa KS  
FOREMAN Fred Mader

### TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-4-05	3425	So. McMillen # 8	11	16	20	FR

CUSTOMER		TRUCK #	DRIVER	TRUCK #	DRIVER
Hughes Drilling Co.		372	F. Mader		
MAILING ADDRESS		368	R. A. b		
122 Main St.		144	R. Fisher		
CITY					
Wellsville	STATE	ZIP CODE			
	Ks				

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 807 CASING SIZE & WEIGHT 2 7/8 EUE  
CASING DEPTH 799' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 3/4" Rubber Plug  
DISPLACEMENT 4.6 B DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Establish Circulation Mix & Pump 2 sks Premium Gel  
Flush. Mix & Pump 124 sks 50/50 Poz Mix Cement. 2% Gel  
Cement to surface. Flush pump clean. Displace  
2 1/2" Rubber Plug to casing TD w/ 4.6 BBLs Fresh Water.

Fred Mader

Customer Supplied H<sub>2</sub>O.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE <u>Cement Pump</u>		750 <sup>00</sup>
5406	15	MILEAGE		36 <sup>75</sup>
5407	<u>Minimum</u>	<u>Ton Mileage</u>		235 <sup>50</sup>
1124	122 sks	50/50 Poz Mix Cement		902 <sup>80</sup>
1118	4 sks	Premium Gel		52 <sup>00</sup>
4402	1 <del>sk</del>	2 1/2" Rubber Plug		16 <sup>00</sup>
			6.8%	66.01
			SALES TAX	
			ESTIMATED TOTAL	2058.57

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196431