

COPY ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 163-23290 0000

County Rooks County, Kansas

SW - NW - SW - Sec. 12 Twp. 9S Rge. 17 XX ^E_V

1650 Feet from S (circle one) Line of Section

330 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or S (circle one)

Lease Name McClay Well # 9

Field Name Westhusin

Producing Formation Arbuckle

Elevation: Ground 2029 1/2 KB 2038

Total Depth 3498' PBTD 3400' ^{? proposed TD}

Amount of Surface Pipe Set and Cemented at 219 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 1299 Feet

If Alternate II completion, cement circulated from DV Tool 1299'

feet depth to Surface w/ 325 sx cnt.

Drilling Fluid Management Plan A/P. 2 1-298-V.C.
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Deaerating method used

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/V

County Docket No.

Operator: License # 8735

Name: S & M OIL

Address 2730 Thunderbird Drive

City/State/Zip Hays, KS 67601

Purchaser: Farmland Industries, Inc.

Operator Contact Person: Steve Crawford

Phone (913) 628-3658

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Steve Crawford

Designate Type of Completion
X New Well Re-Entry Workover

X Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

10-22-96 10-27-96 10-27-96
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado
City Building, 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 on 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 Steve Crawford

Title Owner Date 11-13-96

scribed and sworn to before me this 13 day of November
19 96.

Notary Public Roberta Angell

Date Commission Expires 10-24-2000

ROBERTA ANGELL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 10-24-2000

ROBERTA ANGELL
NOTARY PUBLIC
STATE OF KANSAS

K.C.C. OFFICE USE ONLY		
F	<u> </u>	Letter of Confidentiality Attached
C	<u> </u>	Wireline Log Received
C	<u> </u>	Geologist Report Received
Distribution		
<u> </u>	KCC	<u> </u> SVD/Rep
<u> </u>	KGS	<u> </u> Plug
<u> </u>		<u> </u> NGPA
<u> </u>		<u> </u> Other (Specify)

Operator Name S&M 011Lease Name McClayWell # 9Sec. 12 Twp. 9S Rge. 17☐ EastCounty Rooks County, Kansas☒ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	☐ Yes ☒ No	☒ Log	Formation (Top), Depth and Datums	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☒ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Anhydrite	1291 -	1327
Electric Log Run (Submit Copy.)	☒ Yes ☐ No	Topeka	2897 -	3113
		Heebner	3114 -	3116
		Kansas City	3155 -	3398
		Arbuckle	3435 -	3498

List All E.Logs Run:
Gamma Ray Neutron
Cement Bond Log

CASING RECORD

☐ New ☒ 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	12-1/4	8-5/8"	28#	219'	60/40 Poz	135	3%gel 2%cc
Production	7-7/8"	5-1/2"	14#	3478'	ASC 60/40	150 350	6%gel

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
4	3436 - 37 and 3442 - 44	Natural	3436-44

TUBING RECORD		Size	Set At	Packer At	Liner Run	☐ Yes ☒ No		
		2 7/8	3434	----				
Date of First, Resumed Production, SWD or Inj.			Producing Method					
11-11-96			☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		437	---		0			22

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

3436 - 44