

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACQ-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 15-163-23290 0000

County Rooks County, Kansas

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

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'

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 cmt.

Drilling Fluid Management Plan A11.2 1-2-98-V.C.
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled off site

Operator Name

Lease Name License No.

 Quarter Sec. Twp. Rng. E/W

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 SIOV Temp. Abd.
 Gas ENHR SIGV
 Dry Other (Core, MSW, 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 Derby 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

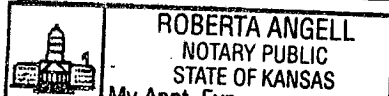
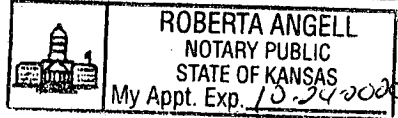
Title Owner Date 11-13-96

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

Notary Public Roberta Angell

Date Commission Expires 10-24-2000

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



Operator Name S&M Oil

Lease Name McClay

Well # 9

Sec. 12 Twp. 9S Rge. 17

East
 West

County Rooks County, Kansas

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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

Gamma Ray Neutron
Cement Bond Log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1291 -	1327
Topeka	2897 -	3113
Heebner	3114 -	3116
Kansas City	3155 -	3398
Arbuckle	3435 -	3498

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

PERFORATION RECORD - Bridge Plugs Set/Type

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	3436 - 37 and 3442 - 44	Natural	3436-44

TUBING RECORD Size 2 7/8 Set At 3434 Packer At --- Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 11-11-96 Producing Method 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

CUSTOMER <i>S.M. 01</i>	WELL NO. <i>9</i>	LEASE <i>McClary</i>	JOB TYPE <i>Surface</i>
			TICKET NO. <i>104105</i>

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							Called out
	2030							On line set up 1200
								Rig Drilling @ 150
	2230							Start 8" Csg hole
	2310							Csg on Bottom Circulate
	2320							Run 140 cts 40% Pos 2% Gel 3% CC
			32.4					Finished running Release Trip Plug
	2330							Displace 13'
	2330							Plug down Start 8" well hole
								Work + Red ✓
								Work + Red
	2430							Job Complete
								15-163-23290-00-00
								<i>7/11/96</i> <i>R. Y.</i> <i>Rig</i> <i>Mc</i> <i>100</i>

ALLIED CEMENTING CO., INC.

5039

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

15-163-23290-00-00

ORIGINAL

SERVICE POINT: R

DATE <u>10-27-96</u>	SEC. <u>12</u>	TWP. <u>9 S</u>	RANGE <u>17 W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>9:50pm</u>
LEASE <u>McClay</u>	WELL# <u>9</u>	LOCATION <u>Cadell on FS</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke Drilling Rig 1

TYPE OF JOB production string (2 stage)

HOLE SIZE 7 7/8 T.D. 3498

CASING SIZE 5 1/2 DEPTH 3478

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Baker DEPTH 1290

PRES. MAX MINIMUM

MEAS. LINE X SHOE JOINT X

CEMENT LEFT IN CSG.

PERFS.

OWNER _____

CEMENT

AMOUNT ORDERED 150 ASC 5% gilsonite

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

153 Dave

PUMP TRUCK CEMENTER _____

_____ HELPER Paul

BULK TRUCK _____

282 DRIVER Darin

BULK TRUCK _____

291 DRIVER Jason

REMARKS:

Float Held

CHARGE TO: S + M Oil Co

STREET _____

CITY _____ STATE _____ ZIP _____

11/25/96 TOTAL

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

5 1/2 FLOAT EQUIPMENT

1 Guide Shoe

1 Baker AFU Insert @ _____

6 Centralizers @ _____

4 Baskets @ _____

1 DV Tool @ _____

4 Limit Claws @ _____

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Steve Crawford

RECEIVED
KANSAS CEMENTING CO.
NOV 25 1996

ALLIED CEMENTING CO., INC. 5040

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

15-163-23290-00-00

SERVICE POINT: R

ORIGINAL

DATE <u>10-27-96</u>	SEC. <u>12</u>	TWP. <u>9S</u>	RANGE <u>17W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>11:30p</u>
LEASE <u>McCloy</u>	WELL# <u>9</u>	LOCATION <u>Cadell ON FS</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one) NEW

CONTRACTOR Dave Duly R. 1 OWNER _____

TYPE OF JOB production string

HOLE SIZE 7 7/8 T.D. 2598

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Baker DEPTH 1290

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

CEMENT

AMOUNT ORDERED 350 4/6 @ 6% gel

325 on top

15 RAT + 10 mouse

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

EQUIPMENT

153

PUMP TRUCK # _____ CEMENTER Dave

HELPER Paul

BULK TRUCK # 282 DRIVER Darin

BULK TRUCK # 291 DRIVER Jason

HANDLING _____ @ _____

MILEAGE _____ @ _____

REMARKS:

plug mouse hole w/ 10sk

Rat hole w/ 15sk

Cement Cir 120 sks. due

to mud up under surface.

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

_____ @ _____

CHARGE TO: S & M O & Co

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL _____

Witness Cement Cir by

Dave Lumb Cementor (Allied)

Mike Hefley Tool Pusher

B. W. J. Field Supervisor (Allied)

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Steve Crawford

RECEIVED
 KANSAS CORP COMM
 11/25/96
 1:24