

ORIGINAL

SIDE ONE

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

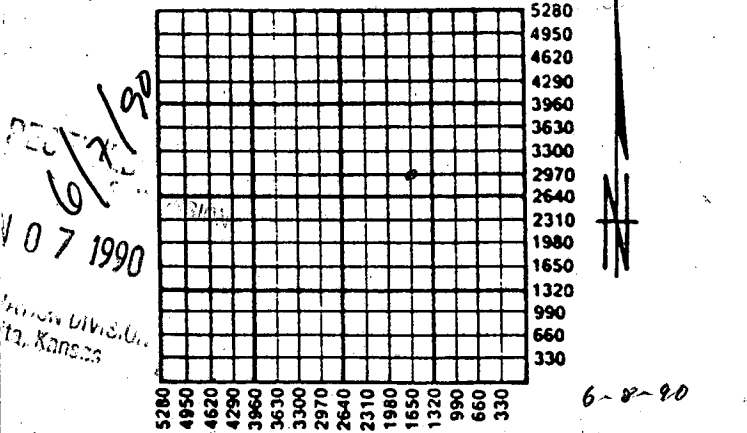
Operator: License # 8735
Name: S & M Oil Co.
Address 205 N. Jefferson
City/State/Zip Plainville, KS 67663
Purchaser: Farmland Ind.
Operator Contact Person: Steve Crawford
Phone (913) 434-2829
Contractor: Name: Western Kansas Drilling
License: 4083
Wellsite Geologist: Steve Crawford

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd. CONSERVATION DIVISION
 Gas Inj Delayed Comp. Wichita, Kansas
 Dry Other (Core, Water Supply, etc.)

If OWM: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
4-27-89 5-2-89 5-19-89
Spud Date Date Reached TD Completion Date

API NO. 15- 163-23043-0000
County Rooks
SE SW NE Sec. 12 Twp. 9-S Rge. 17 East West
2970 Ft. North from Southeast Corner of Section
1750 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Hrabe D Well # 2
Field Name Westhusin
Producing Formation Arbuckle & LKC.
Elevation: Ground 1999 KB 2004
Total Depth 3520 PBTD 3518



Amount of Surface Pipe Set and Cemented at 208 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1337-40 Feet
If Alternate II completion, cement circulated from 1340
feet depth to surface w/ 340 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 6-5-90
Subscribed and sworn to before me this 5th day of June
19 90
Notary Public Connie Newell
Date Commission Expires 4-9-94

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

NOTARY PUBLIC - State of Kansas
CONNIE NEWELL
My Appt. Exp. 4-9-94

SIDE TWO

Operator Name S & M Oil Co. Lease Name Hrabe D Well # 2

Sec. 12 Twp. 9-S Rge. 17 East West
 County Rooks

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.)

Formation Description		
Name	Top	Bottom
Topeka	2885	
Lansing - K.C.	3143	
Arbuckle	3426	

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

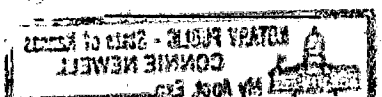
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12 1/4	8 5/8	20	208	60/40 poz	135	3% cc-2% gel
Production	7 1/8	5 1/2	14	3518	60/40 poz	100	8% salt, 4% gel
					50/50 poz	340	6% gel

Shots Per Foot	PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
one	3073	3320		
	3189	3328		
	3235	3350		
	3246	3303		
	3309	3375		
four	3432 - 48			

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First Production 5-19-89 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours Oil 12 Bbls. Gas _____ Mcf Water 45 Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Production Interval _____
 Other (Specify) _____



AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

15-163-23043-80-00

TO: S & M Oil Company
205 N. Jefferson
Plainville, Kansas 67663

INVOICE NO. 53895

TICKET NO.

LEASE NAME Herabe D #2

DATE April 27, 1980

SERVICE AND MATERIALS AS FOLLOWS:

Common 81 sks @\$5.00	\$ 405.00
Pozmix 54 sks @\$2.25	121.50
Gel 2 sks. @\$6.75	13.50
Chloride 4 sks. @\$20.00	80.00
	<u>620.00</u>

Handling 135 sks @\$0.90	121.50
Mileage (13) @\$0.03c per sk per mi	52.65
Surface	360.00
Mi @\$1.00 pmp. tr.	13.00
1 plug	40.00
	<u>587.15</u>

Total \$ 1,207.15

241.43

\$965.72

Cement circ.

MAY 07 1980

Wichita, Kansas

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.

PHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67865

115-163-723043 000 JW

TO: S & M Oil Company
205 N. Jefferson
Plainville, Kansas 67663

INVOICE NO. 53948
TICKET NO. _____
LEASE NAME Hrabe D 42
DATE May 2, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 60 sks @\$5.00	\$ 300.00	
Pozmix 40 sks @\$2.25	90.00	
Gel 2 sks @\$6.75	13.50	
Salt 7 sks @\$4.75	33.25	
Gilsonite 346#@\$0.39	<u>134.94</u>	\$ 571.69
Handling 100 sks @\$0.90	90.00	
Mileage minimum	40.00	
Two stage bottom	838.00	
Mi @\$1.00 pmp. trk. (12)	<u>12.00</u>	980.00
1-5 1/2" g. shoe	119.00	
4 cent.	176.00	
3 baskets	363.00	
7 l. clapps	84.00	
1 collar	<u>2608.00</u>	
		<u>3,350.00</u>

Total \$ 4,901.69
980.33

\$ 3,921.36

All Prices Are Net, Payable 30 Days Following Date of Invoice. **THANK YOU** 1 1/2% Charged Thereafter.

PHONE: 483-2627
AREA CODE 913

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

15-163-23043-00-05

TO: S & M Oil Company

205 N. Jefferson

Plainville, Kansas 67663

INVOICE NO. 53040

TICKET NO.

LEASE NAME Hrade D #2

DATE May 2, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 170 sks @\$5.00	\$ 850.00	
Pozmix 170 sks @\$2.25	382.50	
Gel 18 sks @\$6.75	<u>121.50</u>	\$ 1,354.00
Handling 340 sks @\$0.90	306.00	
Mileage (12) @\$0.03c per sk per mi	122.40	
Two stage top	<u>600.00</u>	1,028.40
	Total	\$ 2,382.40
Cement circ.		<u>476.48</u>

\$ 1,905.92

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.