

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.
 Gas Inj Delayed Comp.
 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

5-4-89 5-10-89 5-20-89
Spud Date Date Reached TD Completion Date

API NO. 15- 163-23045-0000

County Rooks

SW NW NE Sec. 12 Twp. 9-S Rge. 17 East West

4290 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

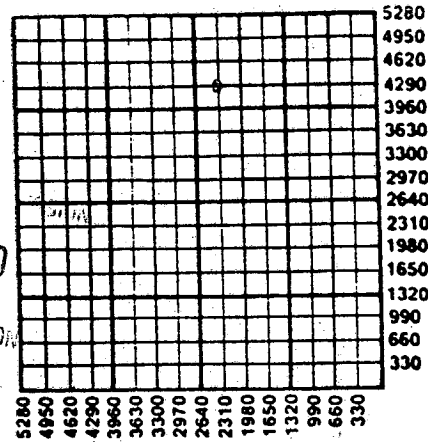
Lease Name Hrabe G Well # 2

Field Name Westhusin

Producing Formation Lansing - K.C.

Elevation: Ground 1975 KB 1980

Total Depth 3476 PBTD 3423



Amount of Surface Pipe Set and Cemented at 208 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1261-4 Feet

If Alternate II completion, cement circulated from 1264

feet depth to surface w/ 340 sx cmt.

JUN 07 1990

CONSERVATION DIVISION
Wichita, Kansas

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

Letter of Confidentiality Attached

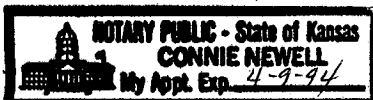
Wireline Log Received

Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)



PI
X

ORIGINAL

SIDE TWO

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

Sec. 12 Twp. 9 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

Log Sample

Name	Top	Bottom
Topeka	2856	
Lansing - K.C.	3116	
Arbuckle	3408	

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	2% gel, 3% dc
production	7 7/8	5 1/2	14	3463	60/40 poz	100	2% gel, 8% salt
					50/50 poz	340	4% gilsonite 6% gel

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
one	3117	3294			
	3153	3303			
	3171	3352			
	3207	3376			
	3212				
	3220				
	3254				
	3276				

TUBING RECORD Size Set At Packer At Liner Run Yes No

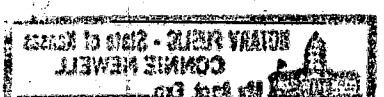
Date of First Production 6-1-89 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	13		47		

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

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify)

Production Interval



ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

AREA CODE 913 483-2627

15-163-230WS-00-00

TO: S & M Oil Company

INVOICE NO. 53951

205 N. Jefferson

TICKET NO.

Plainville, Kansas 67663

LEASE NAME: Hrabec G #2

DATE: May 4, 1989

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	\$ 620.00
Handling 135 sks @\$0.90	121.50	
Mileage (12) @\$0.03c per sk per mi	48.60	
Surface	360.00	
M1 @\$1.00 pmp. trk.	12.00	
1 plug	40.00	
		582.10

Total \$ 1,202.10

- 240.42

961.68

STATE RECEIVED
MAY 07 1989
Cement circ.

THANK YOU

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

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

115+46352 24364500000

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

INVOICE NO. 53971
 TICKET NO. _____
 LEASE NAME Hrabe G #2
 DATE May 9, 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#@\$0.29	<u>100.34</u>	\$ 537.09
Handling 100 sks @\$0.90	90.00	
Mileage minimum	40.00	
Two stage bottom	838.00	
M1 @\$1.00 pmp. trk. (12)	<u>12.00</u>	980.00
1-5 1/2" g. shoe	119.00	
5 cent.	220.00	
3 baskets	363.00	
7 1" clamps.	84.00	
1 2-stg. collar	<u>2608.00</u>	

Total \$ 4,911.09

- 982.21

3,928.88

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 67665

15-163-23045-00-00

TO: S & M Oil Company

205 N. Jefferson

Plainville, Kns. 67663

INVOICE NO. 53972

TICKET NO.

LEASE NAME Hrabe G #2

DATE May 9, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 183 sks @\$5.00	\$ 815.00	
Pozmix 162 sks @\$2.25	364.50	
Gel 16 sks @\$6.75	<u>108.00</u>	\$ 1,287.50
Handling 325 sks @\$0.90	292.50	
Mileage (12) @\$0.03¢ per sk per mi	117.00	
Two stage top	<u>600.00</u>	1,009.50

Cement circ.

Total

\$ 2,297.00

- 459.40

1,837.60

THANK YOU

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

15-163-23045-00-00

S & M Oil Co.
205 N. Jefferson
Plainville, KS 67663
July 28, 1990

Kansas Corporation Commission
200 Colorado Derby Bldg.
202 W 1st St.
Wichita, KS 67202-1286

Attn. James Coder

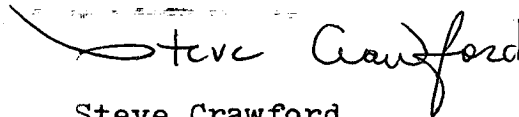
Dear Mr. Coder:

I just returned from vacation and received your letter. Apparently there is some mis-information concerning the commingling of the Hrabe G #2 and Hrabe D #2 located in the NE/4 of 12-9-17, Rooks County, Kansas. Enclosed are copies of the ACO-1 well history forms for both leases.

The Hrabe G #2 is producing only from the LKC, as was stated on the ACO-1 form. The Hrabe D #2 was perforated in the LKC, but the well was swabbed dry with no production from this zone. Then the Arbuckle was perforated and is presently producing 12 bbls. of oil and 450 bbls. of water per day from this zone only. The ACO-1 form shows the producing formations in the Arbuckle and the LKC, showing the well commingled. However, this is not the case.

My apologies for the mix-up.

Sincerely,


Steve Crawford

Steve Crawford

7/31/90

SC/cn
Encls.

RECEIVED
STATE CORPORATION COMMISSION

JUL 30 1990

CONSERVATION DIVISION
Wichita, Kansas

State of Kansas



15-163-23045-00-00

Kansas Corporation Commission

MIKE HAYDEN GOVERNOR
KEITH R. HENLEY CHAIRMAN
RICH KOWALEWSKI COMMISSIONER
JACK SHRIVER COMMISSIONER
JUDITH MCCONNELL EXECUTIVE DIRECTOR
FRANK A. CARO, JR. GENERAL COUNSEL

CONSERVATION DIVISION
SHARI FEIST ALBRECHT, DIRECTOR
200 Colorado Derby Bldg.
202 W. 1st Street
Wichita, KS 67202-1286
(316) 263-3238

June 26, 1990

Re: Commingling Application

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

Hrabe G #2 and Hrabe D #2
NE/4-Sec. 12-09-17W
Rooks County, Kansas

Dear Operator:

We have received information that the above-referenced well has been recently completed as a producer.

After review, it appears that this well may not be in compliance with Kansas Corporation Commission commingling regulation K.A.R. 82-3-123. Please complete the enclosed application and return it to the Conservation Division Office in Wichita within the next thirty (30) days.

Once the completed ACO-4 is processed, you will be notified if a hearing shall be required. If the application can be approved without a hearing, an order will be issued granting approval for the commingling. In the event a hearing is required, the applicant will be notified by letter of the hearing procedure.

Should you have any questions regarding the above-matter, please contact the undersigned at the above address.

Sincerely,

Handwritten signature of James W. Coder
James W. Coder
Assistant General Counsel
Production Department

RECEIVED
STATE CORPORATION COMMISSION

7/3/90 50 1990

CONSERVATION DIVISION
Wichita, Kansas

6-27-90

Enclosure
cc: Production Supervisor

THERE WAS NO APPLICATION ENCLOSED.
PLEASE SEND APPS. ALSO, MR. CRAWFORD IS ON VACATION & NOT EXPECTED TO RETURN UNTIL THE END OF JULY. PLEASE ALLOW MORE THAN 30 DAYS TO COMPLETE THIS.