

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

Operator: License # 8735  
Name S & M Oil  
Address 205 N. Jefferson  
City/State/Zip Plainville, Ks. 67663

Purchaser Koch

Operator Contact Person Steve Crawford  
Phone 913-434-2829

Contractor: License # 4083  
Name Western Kansas Drilling

Wellsite Geologist Steve Crawford  
Phone 913-434-2829

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
10-20-88 10-26-88 11-18-88  
Spud Date Date Reached TD Completion Date  
3420 3330  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 216 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1268-1271 feet  
If alternate 2 completion, cement circulated  
from 1268-71 feet depth to surf. 325 SX cnt  
Cement Company Name Allied  
Invoice # 52819  
1-30-89

API NO. 15-163-23.024 0000  
County Rooks  
C SE SE Sec 36 Twp 8S Rge 17 East West

660 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

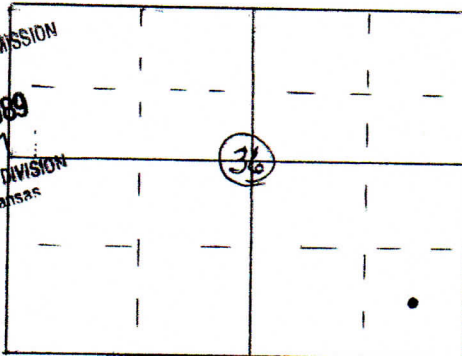
Lease Name Ted Hrabe Well # 6

Field Name Hrabe

Producing Formation Lansing-kansas City

Elevation: Ground 1956 KB 1961

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  
Docket # E-231562  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner  
(stream, pond etc).....Ft West from Southeast Corner  
NE 1/4 Sec 1 Twp 9S Rge 17 East  West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 1-18-89

Subscribed and sworn to before me this 18th day of January, 1989

Notary Public LOUISE VAN DYKE State of Kansas My Appt. Exp. 5-25-92

Date Commission Expires

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)  
1-23-89 (4)

SIDE TWO

Operator Name S & M Oil Lease Name Ted Hrabe Well # 6

Sec. 36 Twp. 8S Rge. 17  East  West County Rooks

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name	Top	Bottom
Sand and Shale	0	236
Shale	236	790
Shale & Red Bed	790	1490
Shale	1490	2007
Shale & Limestone	2007	2277
Lime and Shale	2277	3420

CASING RECORD <input type="checkbox"/> New <input checked="" 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	12 1/2	8 5/8	24	216	60/40pos	140	3% Cu, 2% gel
Production	7 7/8	5 1/2	14	3418	60/40pos	100	8% salt
					Top	325	

PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth	
one	3078, 3104, 3135, 3160, 3190, 3200			9000 gal. HCL	
	3257, 3276, 3283, 3304			Limited Entry	

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 7/8	3310	none	

Date of First Production	Producing Method				
11-18-88	<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	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	
	57		250		

METHOD OF COMPLETION

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  
 Commingled

Production Interval

3078-3304