

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 # 5208  
Name Mobil Oil Corporation  
Address P. O. Box 5444  
City/State/Zip Denver, CO 80217

Purchaser Northern Natural Gas Company

Operator Contact Person J. E. Dawson  
Phone (303) 298-2696

Contractor: License # 9137  
Name Unit Drilling & Exploration Co.

Wellsite Geologist Jens Munthe  
Phone (303) 298-2294

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
2-4-85 2-18-85 5-6-85  
Spud Date Date Reached TD Completion Date  
6720' 3140'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1747 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ feet  
If alternate 2 completion, cement circulated from \_\_\_\_\_ feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ SX cmt

API NO. 15-189-20801-00-00  
County Stevens  
SW NE SW Sec. 17 Twp. 33S Rge. 35  East  West

1650 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

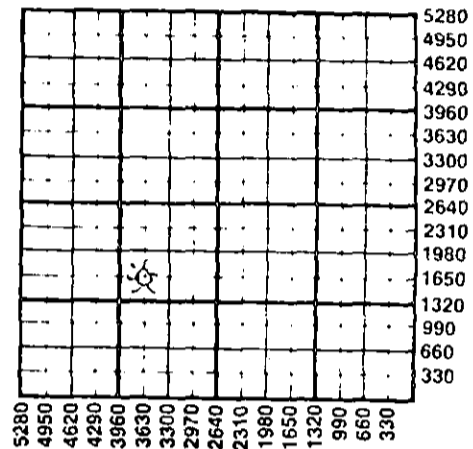
Lease Name Sandy #1 Unit Well # 2

Field Name Panoma

Producing Formation Council Grove

Elevation: Ground 2986' KB 3002'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # CD-3805  Repressuring  
CC-19,820

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

Source of Water:  
Division of Water Resources Permit # T84-798

Groundwater 1650 Ft North from Southeast Corner  
(Well) 3630 Ft West from Southeast Corner of  
Sec 17 Twp 33 Rge 35  East  West

Surface Water \_\_\_\_\_ Ft North from Southeast Corner  
(Stream, pond etc) \_\_\_\_\_ Ft West from Southeast Corner  
Sec Twp Rge  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 J. E. Dawson

Title Production Accounting Supervisor Date 4.25.86

Subscribed and sworn to before me this 29 day of April 1986

Notary Public Claudia C. Loustek

Date Commission Expires 2-9-88

RECEIVED STATE CORPORATION COMMISSION

MAY 05 1986

CONSERVATION DIVISION  
Wichita, Kansas

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)

Sec 17 Twp 33 Rge 35

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Sandy #1 UT Well # 2

Sec. 17 Twp. 33s Rge. 35 East West County Stevens

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

Acid/Frac Program

Halliburton-Frac'd down to as follows:  
 4000 gals apollo 30 @ pad  
 3000 gals apollo 30 w/1 ppg 16/30  
 3000 gals apollo 30 w/2 ppg 16/30  
 3000 gals apollo 30 w/3 ppg 16/30  
 3000 gals apollo 30 w/4 ppg 16/30  
 3000 gals apollo 30 w/5 ppg 16/30

Name	Top	Bottom
Winfield	2743	
Council Grove	2973	
Admire	3238	
Wabaunsee	3368	
Shawnee	3775	
Lansing	4271	
Kansas City	4635	
Marmaton	5033	
Cherokee	5263	
Morrow	5729	
Chester	6045	
Ste. Genevieve	6314	
St. Louis	6445	

CONFIDENTIAL

RELEASED

AUG 07 1986

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production							
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"	9 5/8"	36#	1747'	Class h	500	12% gel, 3% CaCl2
Production	8 5/8"	5 1/2"	15.5#	6712"	Class h	100	CaCl2 (3%)
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	3050'-3056'			See acid/frac Record detailed above			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production				Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....			
Estimated Production Per 24 Hours		Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3050'-3056'  
 Used on Lease  Dually Completed .....  
 Commingled