

amended Report \*

SIDE ONE

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 Co.

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

Contractor: License # 5382  
Name Cheyenne Drilling Co.

Wellsite Geologist  
Phone

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
12/9/86 12/17/86 1/3/87  
Spud Date Date Reached TD Completion Date  
6402 6340  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 1790 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  
Cement Company Name  
Invoice #

API NO. 15-189-20943-0000  
County Stevens  
SW SW Sec. 11 Twp. 33S Rge. 35 East West

660 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

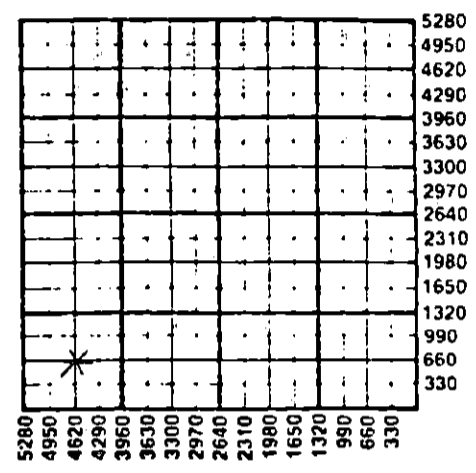
Lease Name Alderman Well # 2

Field Name ~~Stevens~~ Northwoods, SE

Producing Formation Morrow

Elevation: Ground 2962 KB 2973

Section Plat



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  
Docket # CD-82408  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water: T86-403  
Division of Water Resources Permit #  
 Groundwater 535 Ft North from Southeast Corner  
(Well) 4770 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  
Sec Twp Rge East West  
 Other (explain)  
(purchased from city, R.W.D. #)

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 B2-3-130, B2-3-107 and B2-3-106 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 B2-3-107 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 Producing Accounting Supervisor Date 3.4.87

Subscribed and sworn to before me this 4th day of March 1987. Notary Public Delvaugh Cavette

Date Commission Expires MY COMMISSION EXPIRES 7/2/90

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  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
Form ACO-1 (5/86) Kansas

\* J. E. Dawson 3.25.87  
Subscribed & sworn to before me this 25th day of March 1987. MY COMMISSION EXPIRES 7/2/90  
Delvaugh Cavette Notary

Sec. 11 Twp. 33Rge. 35E

Operator Name Mobil Oil Corporation Lease Name Alderman Well # 2

Sec. 11 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

Name	Top	Bottom
Chase	2670	
Council Grove	2960	
Admire	3248	
Wabaunsee	3380	
Shawnee	3822	
Heebner	4224	
Lansing	4370	
Kansas City	4622	
Marmaton	5047	
Cherokee	5265	
Morrow	5700	
L. Morrow	5915	
Chester	6028	
St. Genevieve	6238	
T.D.	6400	

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 1/2	8 5/8	24	1790	C	750	6% gel; 2% CaCl
Production	7 7/8	5 1/2	14	6402	C	100	2% CaCl
						460	5% salt
						250	2% CaCl

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	5920-5924		
4 SPF	5958-5985	N/A	

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8	5790			

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....  
*w/o pipeline connection*

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	8 Bbls	8.8 MCF	0 Bbls	CFPB	

METHOD OF COMPLETION Production Interval

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

5920-5785  
 5958-5985  
 .....