

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 # 7547  
Name Patrick Well Service

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 ONWO: old well info as follows:  
Operator Mobil Oil Corporation  
Well Name Pottorf #1 unit well #3  
Comp. Date 4-11-85 Old Total Depth 6352  
original spud date 1-5-85

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
2/6/87 N/A 2/25/87  
Spud Date Date Reached TD Completion Date  
6350 2862  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1804 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/ SK cmt  
Cement Company Name  
Invoice #

API NO. 15-189-20794-0001  
County Stevens  
C SW SW Sec. 31 Twp. 32S Rge. 37 East XX West

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

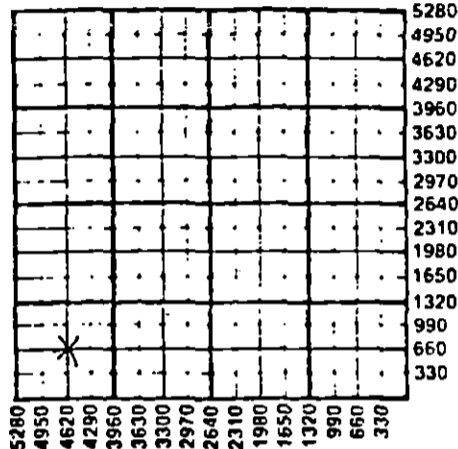
Lease Name Pottorf #1 Unit Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3155 KB 3171

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # CD-82, 408-6  Repressuring  
C-13,821

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

Source of Water: T84901  
Division of Water Resources Permit # 100' SW of Gas well

Groundwater.....Ft North from Southeast Corner (Well) .....Ft West from Southeast Corner of Sec 31 Twp 32S Rge 37 East XX 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  
Producing Accounting Supervisor  
Title Date 3.20.87

Subscribed and sworn to before me this 20th day of March 1987  
Notary Public Deborah A Cavette  
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 (Specify)

X J. E. Dawson  
subscribed & sworn to before me this 21st day of April, 1987.  
MY COMMISSION EXPIRES 7/2/90  
Deborah A Cavette

Sec 31, Twp 32S, Rge 37E

Operator Name Mobil Oil Corporation Lease Name Pottorf #1 Unit Well # 3

Sec. 31 Twp. 32S Rge. 37  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 = 7500 gals. 7.5% Fe Acid  
 Frac:  
 50,000 gals  
 6,000 gals X-Linked gel, 12,000# 20/40  
 10,000 gals X-Linked gel, 30,000# 20/40  
 12,000 gals X-Linked gel, 48,000# 20/40  
 20,000 gals X-Linked gel, 100,000# 20/40  
 20,000 gals X-Linked gel, 120,000# 20/40  
 2,500 gals Flush 2% Kcl

Name	Top	Bottom
Chase	2558	
Council Grove	2868	
Wabaunsee	3295	
Heebner	4098	
Lansing	4224	
Marmaton	4904	
Cherokee	5104	
Morrow	5646	
L. Morrow	5973	
Mississippian	6109	

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	9 5/8	36	1804	Class H	550	12% gel + 3% CaCl
Production	8 3/4	5 1/2	15.5	6350	Class H	300	12% gel + 3% CaCl
						275	3% CaCl

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2534-2778	*See above	

TUBING RECORD Size N/A Set At Packer at Liner Run  Yes  No

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

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

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Other (Specify) 2534-2778  
 Dually Completed  Commingled

RECEIVED STATE CORPORATION COMMISSION

APR 24 1987  
 4-24-87  
 CONSERVATION DIVISION  
 Wichita, Kansas