

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

S

API NO. 15-189-20941-0000

County...Stevens

.....G... SW... Sec. 34. Twp 32S. Rge. 35... East  
..... West

.1320..... Ft North from Southeast Corner of Section  
.3960..... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name...Downing #1 Unit... Well #.2.....

Field Name...Tarrabee... Northwoods North

Producing Formation...I. Morrow

Elevation: Ground...2961...KB...2975.....

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, Inc.....

Wellsite Geologist.....  
Phone.....

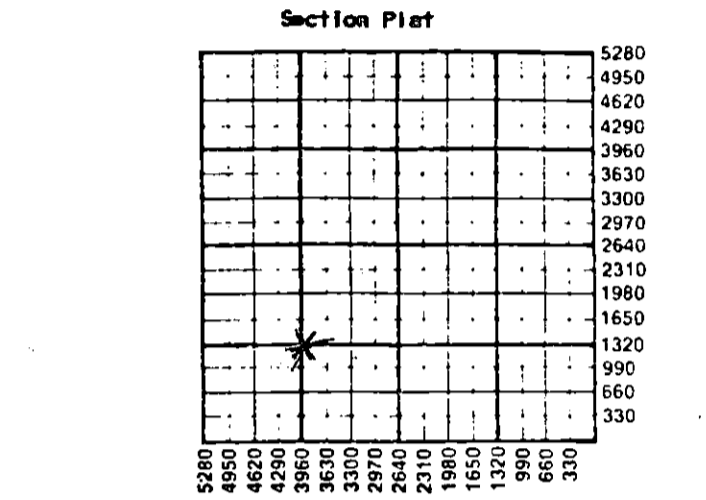
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If ~~Old~~ Old well, info as follows:  
Operator .....  
Well Name .....  
Comp. Date .....Old Total Depth.....

WELL HISTORY

Drilling Method:  
 Mid Rotary  Air Rotary  Cable  
1/23/87 ..... 1/31/87 ..... NA.....  
Spud Date Date Reached TD Completion Date  
6398 ..... 6307 .....  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at...1776...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 # .....



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  
Docket # .....  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit # T87-29  
 Groundwater 1485.....Ft North from Southeast Corner  
(Well) 3935.....Ft West from Southeast Corner of  
Sec 34 Twp 32S 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 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. 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 3.5.87

Subscribed and sworn to before me this 5th day of March 1987  
Notary Public, Donald 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 Time Log Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other  
RECEIVED (Specify)  
STATE CORPORATION COMMISSION

Sec 34 Twp 32S Rge 35E

Operator Name Mobil Oil Corporation Lease Name Downing 1 Unit Well # 2

Sec. 34 Twp. 32S 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	2655	
Council Grove	2940	
Admire	3230	
Wabaunsee	3553	
Shawnee	3814	
Heebner	4192	
Lansing	4335	
Kansas City	4600	
Marmaton	5024	
Cherokee	5243	
Morrow	5682	
Lower Morrow	5894	
Chester	6032	
St. Genevieve	6230	
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"	8 5/8"	24	1776	Class C	800	6% gel: 2% CaCl
					Class C	100	2% CaCl
Production	7 7/8"	5 1/2"	14	6398	Class H	100	5% salt + 2% CaCl
					Class H	260	2% CaCl

PERFORATION RECORD  
 Shots Per Foot Specify Footage of Each Interval Perforated  
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4	5954-5960	600 gals 7 1/2% Fe Acid	5954-5960

TUBING RECORD  
 Size 2 7/8 Set At 5822 Packer at Liner Run  Yes  No

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
	0 Bbls	533 MCF	0 Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 5954-5960  
 Used on Lease  Dually Completed  
 Conmingled