

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

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

Contractor: License # 9137
Name Unit Drilling & Exploration

Wellsite Geologist T. N. Tyrdik
Phone (303) 298-3689

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
7/15/86 Spud Date 7/23/86 Date Reached TD 8/19/86 Completion Date
6400 Total Depth 6394 PBDT

Amount of Surface Pipe Set and Cemented at 1817 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. 15-189-20916-0000
County Stevens
C SW NE Sec. 14 Twp. 33S Rge. 35 East West

3300 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

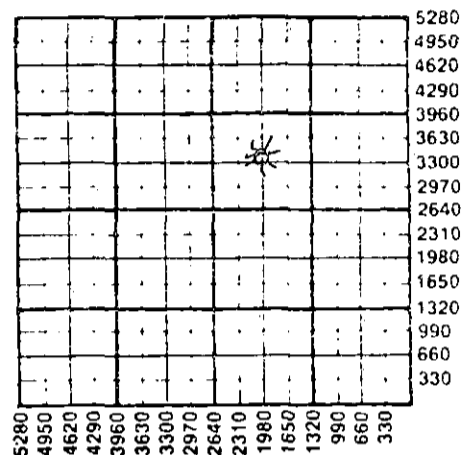
Lease Name Skinner 1-B Unit Well # 2

Field Name Unnamed Northwoods, SE

Producing Formation L. Morrow

Elevation: Ground 2939 KB 2955

Section Plat



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 # T86-261

Groundwater 3335 Ft North from Southeast Corner
(Well) 2145 Ft West from Southeast Corner of
Sec 14 Twp 33S 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 11.17.86

Subscribed and sworn to before me this 17th day of November 1986

Notary Public Deborah Carvette

MY COMMISSION EXPIRES 7/2/90
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)

Sec. 14 Twp. 33S Rge. 35E

11-23-81

Operator Name Mobil Oil Corporation Lease Name Skinner, J.-B. Unit Well #...2...

Sec. 14 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	2650	
Winfield	2735	
Council Grove	2960	
Admire	3246	
Wabaunsee	3366	
Lansing	4322	
Kansas City	4612	
Marmaton	5040	
Cherokee	5262	
Morrow	5686	
Chester	5987	
St. Genevieve	6213	
St. Louis	6320	
T.D.	6400	

Frac Data Report:

500 gals 7½% HCL acid
 500 gals 2% KCL water prepad
 5,400 gals 65Q CO2 pad
 2,600 gals 65 Q CO2 w/1 ppg 20/40
 3,000 gals 65 Q CO2 w/2 ppg 20/40
 3,000 gals 65 Q CO2 w/3 ppg 20/40
 4,000 gals 65 Q CO2 w/4 ppg 20/40
 1,480 gals 65 Q CO2

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	12½"	8.5/8"	24#	1817	65/35/6"	700	3% CaCl2
Production	7 7/8"	5½"	14#	6400	50/50 POZ *65/35/6"	100	3% CaCl2
						330	2% total gel
						125	3% CaCl2

5% salt

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5962-5967	(See Above)	

TUBING RECORD	Size 2 7/8"	Set At 5814	Packer at 5832	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production N/A Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
		Well has not been tested yet			

METHOD OF COMPLETION Production Interval

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

5962-5967

*150 sxs 50/50 POZ + 2% gel + 2% CaCl2