

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

S, C

API NO. 15-189-20915-00-00
County Stevens
C SW NE Sec. 10 Twp. 33S Rge. 35 East West

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

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

Purchaser Northern Natural Gas Co.

Lease Name Smith 2 Unit Well # 3

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

Field Name Unnamed Northwoods, SE

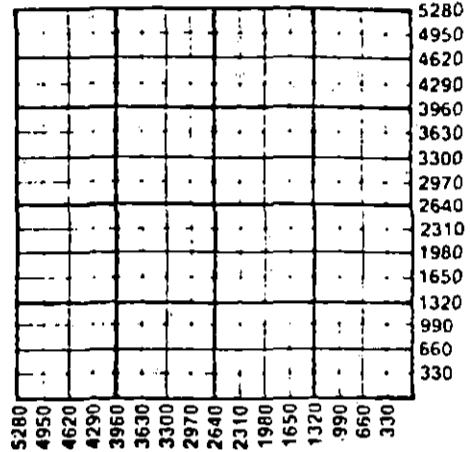
Producing Formation L. Morrow

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

Elevation: Ground 2930 KB 2946

Wellsite Geologist
Phone

Section Plat



Designate Type of Completion
XX New Well Re-Entry Workover

Oil SWD Temp Abd
XX 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

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method: XX Mud Rotary Air Rotary Cable
8/27/86 9/4/86 9/16/86
Spud Date Date Reached TD Completion Date
6420 6363
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1800 feet
Multiple Stage Cementing Collar Used? Yes XX No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice #

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

Source of Water: T86-297
Division of Water Resources Permit #

XX Groundwater 2496 Ft North from Southeast Corner
(Well) 237 Ft West from Southeast Corner of
Sec 3 Twp 33S Rge 35 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 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 3.3.87

Subscribed and sworn to before me this 3rd day of March 1987

Notary Public Deborah 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
(Specify)
SEP 21 1987
Form ACO-1 (5-86)

Sec. 10 Twp. 33S Rge. 35E

Operator Name Mobil Oil Corporation Lease Name Smith 2 Unit Well # 3

Sec. 10 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

Cored Morrow Sand 5946-5976

Name	Top	Bottom
Chase	2672	
Council Grove	2950	
Admire	3231	
Wabaunsee	3340	
Heebner	4170	
Lansing	4333	
Kansas City	4600	
Marmaton	5004	
Cherokee	5146	
Morrow	5650	
Lower Morrow	5887	
Chester "B"	6017	
Chester "A"	6110	
St. Genevieve	6240	
T.D.	6420	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	1800	Class H	690	6% gel; 3% CaCl
Production	7 7/8	5 1/2	14	6420	Class H	100	3% CaCl
					Class H	290	2% gel; 3% salt
					Class H	140	2% gel; 2% CaCl

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	5937-5942	1200 gal. 7 1/2% FE HCl acid	5937-5956
4	5948-5956		

TUBING RECORD	Size 2 7/8	Set At 5831	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
----------------------	---------------	----------------	-----------	---

Date of First Production	Producing Method
Waiting on Gas Line Connection	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

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

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 5937-5956
 Used on Lease Dually Completed Commingled