

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 80217-5444

Purchaser Northern Natural Gas Co.

Operator Contact Person J. L. Douglass
Phone 303/298-2047

Contractor: License # 6666
Name NRG Drilg. Company

Wellsite Geologist Grant Zimbrick
Phone 303/298-2483

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
11/20/84 11/24/84 1/9/85
Spud Date Date Reached TD Completion Date
3252' 3197'
Total Depth PBSD
Amount of Surface Pipe Set and Cemented at 680' 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

API NO. 15-189-20,802-00-00
County Stevens
NE SE SW 34 33S 36 East
Sec Twp Rge West

1250 Ft North from Southeast Corner of Section
2920 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

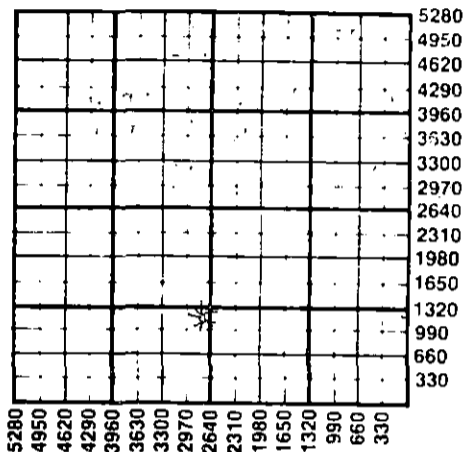
Lease Name Morford #1 Unit Well # 2

Field Name Panama

Producing Formation Council Grove

Elevation: Ground 3044' 3052' KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # CD-3805
(C-19, 820)

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

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North from Southeast Corner (Well) 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) Jim Moss Irrigation Well Moscow, Kansas (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 Alberta Lopez for J. E. Dawson
Producing Accounting Supervisor
Title Date

Subscribed and sworn to before me this 1st day of February 1985
Notary Public Judith A. Olsen
Date Commission Expires 11-28-88

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 (Specify)

NEW PANOMA WELL
PRODUCER CODE 10010

Sec 34 Twp 33 Rge 36W

Operator Name Lease Name..... Well #.....

Sec. 34 Twp. 33S Rge. 36W 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 [x] No
Samples Sent to Geological Survey [x] Yes [] No
Cores Taken [] Yes [x] No

Formation Description
[x] Log [] Sample

Table with 2 columns: Name, Top (depth) Bottom. Rows: Chase (2661), Council Grove (3018), T.D. (3250)

Acid/Frac Record:

Breakdown perforations w/2700 gals. of 15% HCL at a maximum rate of 10 BPM. Dropped 87 balls throughout treatment. Frac down casing with 20#/1000 gals. of non X-linked gel, + 1 gal./1000 gals. breaker + 0.1 gal./1000 gals. bactericide and 1 gal./1000 gals. suds surfactant.

Form containing CASING RECORD, PERFORATION RECORD, TUBING RECORD, and production data tables.

METHOD OF COMPLETION

Disposition of gas: [] Vented [x] Sold [] Used on Lease
[] Open Hole [x] Perforation
[] Other (Specify)

[] Dually Completed
[] Commingled

Production Interval
3032/3056

NEW PANOMA WELL
PRODUCER OF