

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 OWD: 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 PBTB

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 cut

API NO. 15-189-20,802-0000  
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)

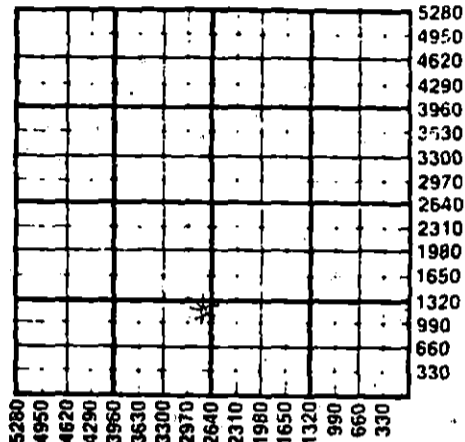
Lease Name Morford #1 Unit 2 Well #

Field Name Panama

Producing Formation Council Grove

Elevation: Ground 3044' 3052' KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # CD-3845 (C-19,820)  Repressuring

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  
Title Producing Accounting Supervisor 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  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

NEW PANOMA WELL  
PRODUCER CODE 10010

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

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

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.

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

CASING RECORD [ ] New [ ] Used Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows: Surface, Production

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record. Includes columns for Shots Per Foot, Footage of Each Interval Perforated, and material used.

TUBING RECORD. Includes columns for Size, Set At, Packer at, Liner Run, Yes/No.

Date of First Production and Producing Method. Includes checkboxes for Flowing, Pumping, Gas Lift, Other.

Estimated Production Per 24 Hours. Includes columns for Oil, Gas, Water, Gas-Oil Ratio, Gravity.

METHOD OF COMPLETION Production Interval

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

NEW PANOMA WELL

RECEIVED MAY 17 1961 STATE OF MISSOURI

3032/3056