

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 Company
2223 Dodge, Omaha, NE 68102

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

Contractor: License # N/A when well was drilled
Name Johnson Drilg. Company

Wellsite Geologist P. O. Yilmaz
Phone 303/298-2555

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
10/9/82 10/26/82 5/23/84
Spud Date Date Reached TD Completion Date

6880' 6290
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1760 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. 15-189-20594-00-00
County Stevens
SW NE NE Sec. 26 Twp. 34S Rge. 37 East West

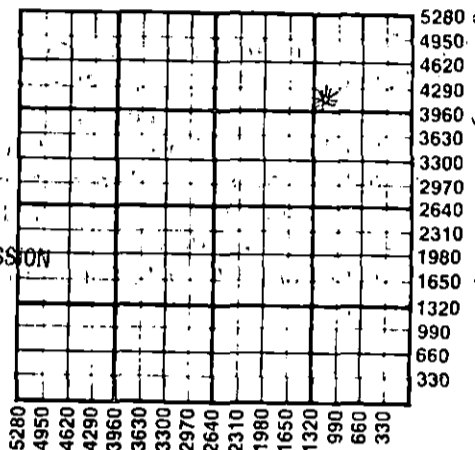
4030 Ft North from Southeast Corner of Section
1250 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Ridpath #1 Ut. Well #2
Field Name Panoma

Producing Formation Council Grove

Elevation: Ground 3120' 3133' KB

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
OCT 18 1984
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # CD-8787 (C-19411)

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: N/A when
Division of Water Resources Permit well was drilled

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).....
(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 C. J. Park
Producing Accounting Supervisor
Title Date 10-12-84

Subscribed and sworn to before me this 12th day of Oct 1984
Notary Public
Date Commission Expires Nov. 26th 1984

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)

NEW PANOMA WELL
PRODUCER CODE 6005

Sec 24 Twp 34 Rge 3700

Operator Name Mobil Oil Corporation Lease Name Ridpath #1 Ut. Well # 2

Sec. 26 Twp. 34S Rge. 37 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

Acid/Frac Record

Acidized and fractured C. G. perms with 4000 gallons 1.5% HCL + 2.5 gals/1000 gals. Pen 5 surfactant + 2 gals./1000 gals. HAL-55 corrosion inhibitor with 41 ball sealers followed by 5000 gals. gelled water pad + 48,000 gals. gelled water + 3 ppg/20/40 sand. Frac fluid contained 20 lbs./1000 gals. WB-11 gelling agent + 1 gal./1000 gals. GBW-3 breaker + BE-3 bactericide. 1 gal./1000 gals. + Howco subs 1 gal./1000 gals.

Name	Top	Bottom
Chase	2723	
Council Grove	3020	
Wabaunsee	3510	
Lansing	4355	
Marmaton	5171	
Cherokee	5455	
Atoka	5943	
Morrow	5975	
Lower Morrow	6351	
Chester	6421	
St. Genevieve	6636	
St. Louis	6792	
T.D.	6880	

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	13 1/2"	9 5/8"	36#	1760'	Class. H	450	12% gel + 3% CaCl ₂
Production	8 3/4"	5 1/2"	15.5#	6853'	Class. H 50/50 p/z 430	185 510	3% CaCl ₂ 10% salt, 2% defoamer 10% salt, 1/2# flocele

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3052-3060 3062-3072 3074/3080	Acid/frac record detailed above	

TUBING RECORD Size 2 3/8" Set At 3106' Packer at - Liner Run Yes No

Date of First Production - Producing Method Flowing Pumping Gas Lift Other (explain).....

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

METHOD OF COMPLETION

Production Interval

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

3052/3080

NEW AMOIA WEL
 PRODUCER CODE