

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

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

Contractor: License # 6666
Name NRG Drig. Company

Wellsite Geologist Kathy Stollenwerk
Phone 303/298-3748

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

9/25/84 9/29/84 2/1/85
Spud Date Date Reached TD Completion Date
3210 3148
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at.....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-.....189-20,773

County.....Stevens

.....C.....NE/4.....Sec.....16.....Twp.....32S.....Rge.....35.....☐ East ☒ West

3960.....Ft North from Southeast Corner of Section
1320.....Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

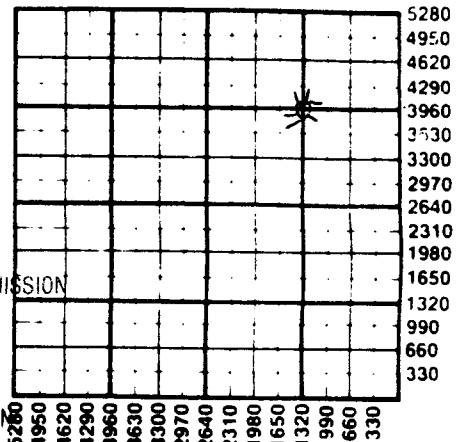
Lease Name.....Brown #1 FF Unit.....Well #.....2

Field Name.....Panoma

Producing Formation.....Council Grove

Elevation: Ground.....3005'.....KB.....3013'

Section Plat



RECEIVED

APR 18 1985

Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:

Docket # CD-82-408-C

☒ Disposal

☐ 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) Moscow, Kansas City
(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.

SIDE TWO

Brown #1 FF Unit

2

 Mobil Oil Corporation
 Operator Name Lease Name..... Well #.....

 Sec. 16 Twp. 32S Rge. 35W ☐ 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	2630	
Council Grove	2974	
T.D.	3210	

Acid/Frac Record:

Breakdown perforations w/1800 gals. of 15% HCL at a maximum rate of 10 BPM. Frac down casing with 20#/1,000 gals. of non X-linked gel, (Halliburton wg-11, Dowell J-347) + 1 gal./1,000 gals. breaker + 0.1 gal./1000 gals. bactericide and 1 gal./1000 gals. suds surfactant.

METHOD OF COMPLETION

Production Interval

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

3000-3018' 0. A

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.....	12.1/4"	8.5/8"	32#	647'	Class H	375	12% gel, 3% CaCl ₂
Production....	7.7/8"	5.1/2"	15.5#	3210'	Lite Class H	450 165	3% CaCl ₂

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2.....	3000'/3002'	See acid/frac record detailed above	
	3004'/3008'		
	3012'/3018'		

TUBING RECORD

Size
2 3/8"Set At
3044'

Packer at

Liner Run

☐ Yes ☒ No

Date of First Production

Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....