

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 3037298-2047

Contractor: License # 6666  
Name NRG Drig. Co.

Wellsite Geologist Grant Zimbrick  
Phone 3037298-2483

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  
11/25/84 11/29/84 12/29/84  
Spud Date Date Reached TD Completion Date  
3217 3160  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 663 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- 189-20,796 - 0000  
County Stevens  
NW NW 35 32S 36  East  
Sec Twp Rge  West

4024 Ft North from Southeast Corner of Section  
3960 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

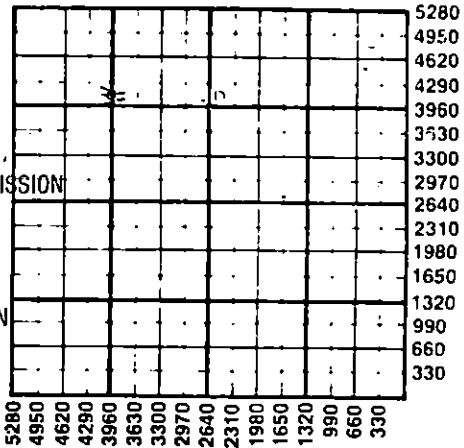
Lease Name Republic Fee #2 Unit 3  
Well #

Field Name Panoma

Producing Formation Council Grove

Elevation: Ground 3048' 3057' KB

Section Plat



RECEIVED  
JAN 28 1985  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  
Docket # CD-12,408-L  
CC-13,821  
 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  
Jim Mosse Irrigation well

Other (explain) Fresh wtr. Dist. #4 Moscow, KS  
(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 J.C. Koestel for J. E. Dawson  
Producing Accounting Supervisor  
Title Date 1-23-85

Subscribed and sworn to before me this 23 day of January 1985  
Notary Public Judith A. Olson  
Date Commissioner Expires 11-28-88

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 6010

Sec 35 Twp. 36 R. 36 W.

Mobil Oil Corporation Republic Fee #2 Unit 3  
 Operator Name ..... Lease Name..... Well #.....

35 32S 36W  East  
 Sec..... Twp..... Rge.....  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	2602	
Council Grove	2946	
T.D.	3217	

Acid/Frac Record:

RU Halliburton. Brk down form w/2700 gals. 15% HCL acid. Dropped 81 1.3 sg ball sealers thru acid. Form brk. at 1700 psi back to 500 psi. Ball off. Frac down 5 1/2" csg. w/100,000 gals. gel wtr w/270,000# 20/40 sd.

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. 1/4".....	..8. 5/8".....	..32#.....	..663'.....	..Class H.....	..375.....	..12% gel, 3% CaCl <sub>2</sub>
..Production...	..7. 7/8".....	..5. 1/2".....	..15.5#.....	..3217'.....	..Class H.....	..375.....	..8% salt, .2% defoamer
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.....	..2962'./2964'.....			..See acid/frac record detailed above		.....	
.....	..2968'./2976'.....			.....		.....	
.....	..2978'./2986'.....			.....		.....	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size 2 3/8"		Set At 3000'		Packer at	
Producing Method <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  Sold  Used on Lease  
 Open Hole  Perforation  Other (Specify) .....

2962-2986 O.A.

Dually Completed  
 Conmingle

NEW PANOMA WELL  
 PRODUCER CODE