

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 # 6663  
Name Damac Drilg. Co. Great Bend, KS

Wellsite Geologist Pinar 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 OWNO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
8/11/84 8/16/84 9/26/84  
Spud Date Date Reached TD Completion Date  
3215' 3161'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 795 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. 15-189-20,748-00-00  
County Stevens  
G. NW. Sec. 18. Twp. 33S. Rge. 36  East  West

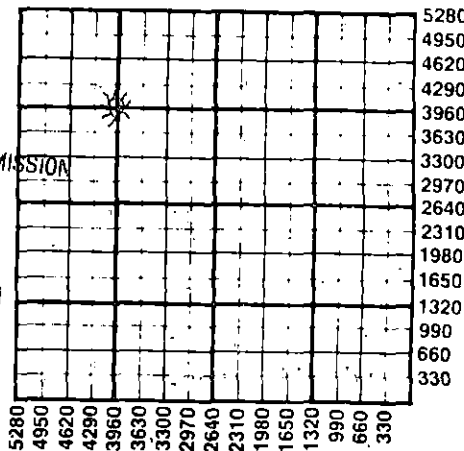
3960 Ft North from Southeast Corner of Section  
3960 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Barbee Well # 3  
Field Name Panama

Producing Formation Council Grove

Elevation: Ground 3070.5' 3078.5' KB

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
NOV 08 1984  
11-8-1984  
CONSERVATION DIVISION  
Wichita, Kansas

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) Hugoton City, Rwd #3 (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. E. Dawson  
Title Accounting Supervisor Date 11/6/84

Subscribed to before me this 6th day of November 1984  
Notary Public Joy L. Hampton  
Date Commission Expires November 30, 1986

My Commission expires November 30, 1986  
1225 17th Street  
Denver, Colorado 80202

NEW PANOMA WELL  
PRODUCER CODE 6005

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Section 18, Twp. 33S. Rge. 36W

Operator Name Mobil Oil Corporation Lease Name Barbee Well # 3

Sec. 18 Twp. 33S Rge. 36 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	2624	
Council Grove A	2938	
Council Grove B	3002	
T. D.	3215	

Acid/frac Record

Howco frac'd as follows: (down tbg) 7000 gals. pad (all wtr versagel 1300), 4500 gals. and 4500# R 20/40 sand @ 1# gal, 4500 gals. & 9000# R 20/40 sd. @ 2#/gal., 6000 gals. and 18,000# R 20/40 sd. @ 3#/gal., 3500 gals. flush. Halliburton acidize perfs down 2 7/8" tbg. w/1000 gals. 15% HCL acid and additives. Dropped 12 ball sealers through treatment. Ball off w/125 gals. left on flush.

Halliburton acidized Council Grove A zone w/3000 gals. 15% HCL acid and additives. Drop 90 1.1 SG ball sealers through treatment. Frac down 5 1/2" csg. w/123,000 gals. gel 2% KCL wtr + 265,000# 20/40 sd., 20,000 gals. gel pad; 10,000 gal. w/1 ppg sd., 15,000 gal. w/2 ppg. sd., 75,000 gal. w/3 ppg sd., 3,000 gal. flush.

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"	36#	795'	Class H	325	12% gel + 3% CaCl <sub>2</sub>
Production	7 7/8"	5 1/2"	15.5#	3210'	Class H	560	ppg. + 6% gel
					Class H	145	8% salt + 2% d-46
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	3064-3068			Acid/frac record detailed above			
	2956-2962						
	2968-2970						
	2972-2974						
	2982-2988						
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 7/8"	3064'	2924'			
Date of First Production		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

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

Dually Completed  
 Comingled

