

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

Purchaser Northern Natural

Operator Contact Person J. E. Dawson
Phone (303) 298-2696

Contractor: License # 6666
Name NRG Drilling, Inc.

Wellsite Geologist K. L. 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

10-15-85	10-19-85	11-26-85
Spud Date	Date Reached TD	Completion Date
3203'	3147'	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 648 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. 15-189-20873 100-00
County Stevens
SE NW NE Sec. 14 Twp. 33S Rge. 36 East West

4030 Ft North from Southeast Corner of Section
1500 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

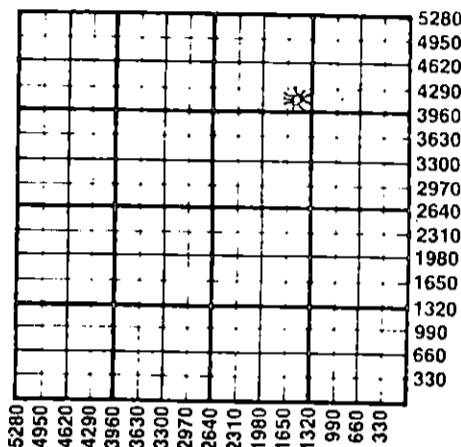
Lease Name Barber Unit Well # 3

Field Name Panama WALKMEYER

Producing Formation Council Grove

Elevation: Ground 3015' KB 3026'

Section Plat



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) Dillco Trucks City of Hugoton (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 Production Accounting Supervisor Date 5.1.86

Subscribed and sworn to before me this 5th day of May 1986

Notary Public Mary Alice McFarland

Date Commission Expires My Commission Expires June 10, 1988

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)

RECEIVED STATE CORPORATION COMMISSION

MAY 14 1986

CONSERVATION DIVISION
Wichita, Kansas

Sec 14, Twp 33S Rge 36W

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Barber Unit Well # 3

Sec. 14 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

Frac Record:

12,000 gals VG 1300
 6,000 gals VG 1300 w/1 ppg 16/30 sd
 6,000 gals VG 1300 w/2 ppg 16/30 sd
 6,000 gals VG 1300 w/3 ppg 16/30 sd
 6,000 gals VG 1300 w/4 ppg 16/30 sd
 6,000 gals VG 1300 w/5 ppg 16/30 sd
 2,950 gals H₂O flush

Name	Top	Bottom
Dakota SS - Base	619	
Glorietta - Top	1199	
Base	1389	
Stone Corral - Top	1673	
Base	1739	
Chase	2589	
Council Grove	2941	

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#	648	"H"	235	12% gel+3% CaCl ₂
Production	7-7/8"	5-1/2"	15.5#	3200	"H"	100	3% CaCl ₂
					"H"	400	6% gel+4% Halad-4
					"H"	130	8% salt+.6% Halad-4 +

PERFORATION RECORD
 Shots Per Foot Specify Footage of Each Interval Perforated
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2962-88	(see above)	

TUBING RECORD
 Size 2-3/8" Set At 2992' Packer at --- Liner Run Yes No

Date of First Production --- Producing Method Flowing Pumping Gas Lift 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) 2962-2988
 Dually Completed Commingled