

* amended 7/30/86

SIDE ONE

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, T.A.
City/State/Zip Denver, CO 80217

Purchaser Northern Natural

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

Contractor: License # 6666
Name NRG

Wellsite Geologist B. B. Robinson
Phone (303)298-3646

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

3/2/86 3/7/86 4/21/86
Spud Date Date Reached TD Completion Date

3,180 3,130
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 965 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

S

API No. 15-055-20642-0000

County Finney

SE NE SW Sec 35 Twp 24S Rge 34 East West

1,960 Ft North from Southeast Corner of Section
2,780 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

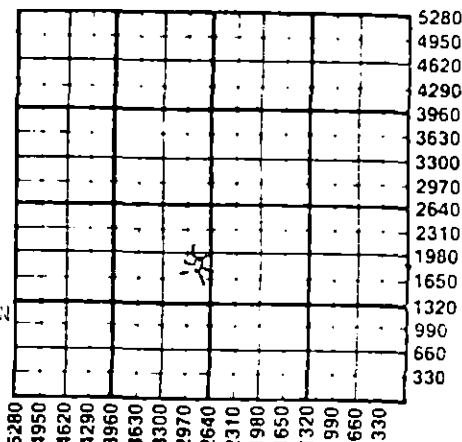
Lease Name Brown #7 Farm Well # 8

Field Name Panoma

Producing Formation Council Grove

Elevation: Ground 2940' KB 2951'

Section Plat



1-14-87

JAN 14 1987
STATE CORPORATION COMMISSION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # CD-4829 (C-19,847)

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) Hauled by Latham (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 *Robert Schumler for J. E. Dawson*

Title Production Accounting Supervisor Date 7/10/86

Subscribed and sworn to before me this 10 day of July 1986

Notary Public *Mary Ellen M. Faulstich*

Date Commission Expires 6/16/88

J.A. Williams for J.E. Dawson
This amended form is subscribed & sworn to before me this 31st day of July 1986.

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)

Sec 35 Twp 24 Rge 34

Delores A Cavette - Notary
MY COMMISSION EXPIRES 7/2/90

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Brown #7 Farm Well # 8

Sec. 35 Twp. 24S Rge. 34 East West County Finney

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all tests. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether static 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

Frac Data Report:

25070 gals. Versagel 1300 pad
 7000 gals. Versagel 1300 w/1ppg 12/20 sd.
 8000 gals. Versagel 1300 w/2ppg 12/20 sd.
 12000 gals. Versagel 1300 w/4ppg 12/20 sd.
 14000 gals. Versagel 1300 w/5ppg 12/20 sd.
 5330 gals. Versagel 1300 w/6ppg 12/20 sd.
 2930 gals. Base gel

T/Redbeds	1076
T/Glorietta	1476
B/Glorietta	1610
T/Stone Corral	1880
B/Stone Corral	1972
T/Chase	2505
T/Council Grove	2816

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#	965	"H"	330	12% gel + 3% CA C12
					"H"	100	3% Ca C12
Production	7-7/8"	5-1/2"	15.5#	3178	H65/35Lite	380	4% Harad
					"H"	130	2% gel

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

4	2854-72		

TUBING RECORD Size 2-3/8 Set At 2895 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
		300			

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify) 2854-72
 Dually Completed Commingled