

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. I. Douglass
Phone 303/298-2047

Contractor: License # 6663
Name Damac Drlg 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 OWWO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6/10/84 6/15/84 8/14/84
Spud Date Date Reached TD Completion Date
3200' 3150'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 605 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 cmf

API NO. 15-189-20.739-0000
County Stevens
SE NW Sec 9 Twp 32S Rge 35

3939 Ft North from Southeast Corner of Section
3847 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

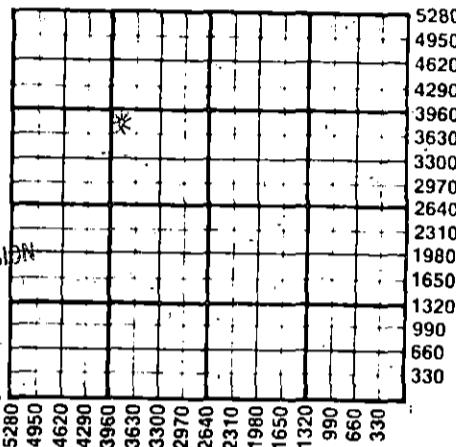
Lease Name Bolinger A-1 Ut. Well # 2

Field Name Panoma

Producing Formation Council Grove

Elevation: Ground 3002' KB 3011'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
10-18-84
OCT 18 1984
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # CD-82-408-C Repressuring
C(C-13,821)

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: No well drilled
Division of Water Resources Permit #

Groundwater (Well) 1320 FNL
1420 FWL
Ft North from Southeast Corner
Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water (Stream, pond etc) Ft North from Southeast Corner
Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) (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 C. J. Park
Producing Accounting Supervisor
Title Date 10-15-84

Subscribed and sworn to before me this 15th day of October 1984
Notary Public Pinar Yilmaz
Date Commission Expires May 18, 1985

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. 1, Twp 32N, Rge 35W

Operator Name Mobil Oil Corporation Lease Name Bolinger A-1 Ut. Well # 2

Sec. 9 Twp. 32S Rge. 35 East West County Seward

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	2906	
Council Grove	2946	

Acid/frac Record

8/13/84: RU Howco to acidize: Load annulus w/51 bbls. 2% KCL wtr. Press annulus to 1000 psi. Load tbg. w/12 bbls. 15% HCL acid. Break CONN w/4700 psi. Pump remaining 6 bbls. acid, spacing 45 ball sealers throughout. Displace w/13 bbls. 2% KCL wtr. RU Halliburton to frac. Frac as follows: pad 179 bbls. 63 BPM; gel wtr 238 bbls. 62 BPM, 1 ppg 20/40 sand; gel wtr. 238 bbls. 62 BPM, 2 ppg. 20/40 sand; gel wtr. 1131 bbls. 62 BPM, 3 ppg 20/40 sand, flush 71 bbls. 62 BPM. Max press 950 psi, min press 700 psi, avg. press 750 psi, avg. rate 62 BPM. Sand pumped 172,500# 20/40. ISIP 170 psi, 5 min. 30 psi on vac in 6 min. RD Howco.

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#	605'	Class #	275	12% gel + 3% CaCl ₂
Production	7 7/8"	5 1/2"	15.5#	3200'	Class #	410	65/35 poz 6% gel, 1/4# cellophane

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	2968-2974	Acid/frac record detailed above	
	2976-2978		
	2984-2986		

TUBING RECORD Size 2 3/8" Set At 3021.68' Packer at 2925' 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
-	-	-	-	-	-

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 2968-2986' O.A.
 Used on Lease Dually Completed
 Commingled

