

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

Operator Contact Person J. L. Douglass
Phone 303/298-2047

Contractor: license # 6663
name Damac Drlg., Inc., Great Bend, KS

Wellsite Geologist Pinar Yilmaz
Phone 303/298-2555

PURCHASER Northwest Central Pipeline

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
4/17/84 4/25/84 7/23/84
Spud Date Date Reached TD Completion Date

6100' 2945'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1765 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. 15 189-20,714-0000

County Stevens

NE SW NW Sec 19 Twp 31S Rge 35 East
(location) X West

3860 Ft North from Southeast Corner of Section
4030 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

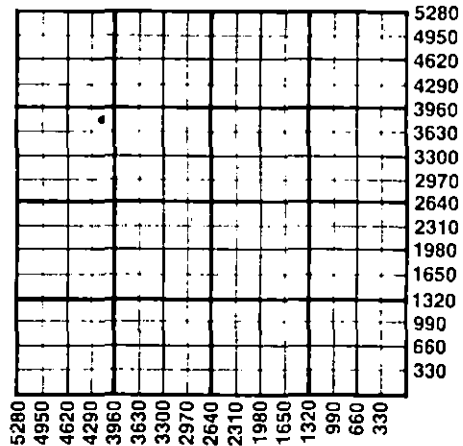
Lease Name Moorehead Unit Well# 2

Field Name Panoma

Producing Formation Council Grove

Elevation: Ground 3026' KB 3034'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater N/A Ft North From Southeast Corner and
(Well) Sec 18 Twp 32S Rge 35 Ft West From Southeast Corner of
 East West

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal
 Repressuring

Docket # CD-11,793
(C-19690)

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. Rules 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 JOYL HAMPTON
Title Producing Accounting Supervisor
Date 8-16-84

Subscribed and sworn to before me this 16th day of August 1984

My Commission expires November 30, 1988
Date Commission Expires 1225 17th Street, November 30, 1986
Denver, Colorado 80202

RECEIVED
AUG 23 1984
8-23-84
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

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

Sec. 19, Twp. 31, Rge. 35

Form ACO-1 (7-84)
NEW PANOMA WELL
PRODUCER CODE 2030

Operator Name Mobil Oil Corporation Lease Name Moorehead Ut. Well# 2 SEC 19 TWP 31S RGE 35 East West

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	2544	
C. Grove	2884	
T.D.	3121	

Acid/frac Data:

Acidized Council Grove A zone perms 2914/2932 with 2500 gallons 15% Hcl + 50 ball sealers. Frac'd above perms down casing with 10,000 gallons pad, 10,000 gallons 1 lb. gallon, 10,000 gallons 2 lbs./gal., and 80,000 gallons 3 lbs./gallon.

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#	1765'	Glass-H	690	2% gel + 3% CaCl ₂ 3% CaCl ₂
Production	7 7/8"	5 1/2"	15.5#	3090'	Glass-H	585	6% gel + 1/4# cellophane 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	3007-3013 2966-2970 2914-2916 2918-2926 2928-2932	See above for acid/frac data	

TUBING RECORD

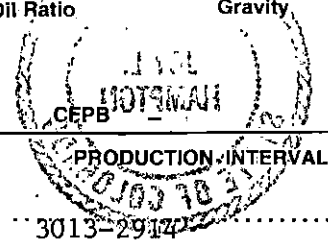
size — set at — packer at — Liner Run Yes No

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		

METHOD OF COMPLETION

Disposition of gas: vented sold used on lease
 open hole perforation other (specify) _____
 Dually Completed.
 Commingled



NEW HAMPSHIRE
 PRODUCER OF GAS

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 Northwest Central Pipeline

Operator Contact Person J. L. 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
4/17/84 4/25/84 7/23/84
Spud Date Date Reached TD Completion Date
*3100' 2945'
Total Depth PBD
Amount of Surface Pipe Set and Cemented at 1765 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. 15-189-20714-0000
County Stevens
NE SW NW Sec 19 Twp 31S Rge 35 East West

3860 Ft North from Southeast Corner of Section
4030 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

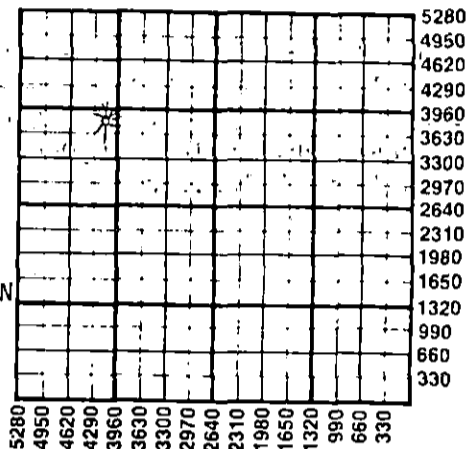
Lease Name Moorehead Ut. Well # 2

Field Name Panama

Producing Formation Council Grove

Elevation: Ground 3026' 3034' KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # (D-11,793) (C-19690)

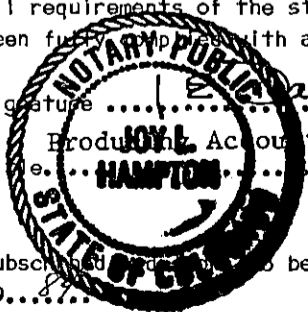
Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water: N/A when drilled
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) (purchased from city, R.W.D. #)

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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 12/10/84



Subscribed and sworn to before me this 10th day of December 1984
My Commission expires November 22, 1985
1225 17th Street
Denver, Colorado 80202

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 2030

Sec 19 Twp 31S Rge 35W

Operator Name Mobil Oil Corporation Lease Name Moorehead Ut. Well # 2

Sec. 19 Twp. 31S Rge. 35 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	2544'	
Council Grove	2884'	
T.D.	3100'*	

Acid/frac Data

Acidized Council Grove A zone perms 2914/2932 with 2500 gallons 15% HCL - 50 ball sealers. Frac'd above perms down casing with 10,000 gallons pad; 10,000 gallons 1 lb. gallon; 10,000 gallons 2 lbs/gal.; and 80,000 gallons 3 lbs./gallon.

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

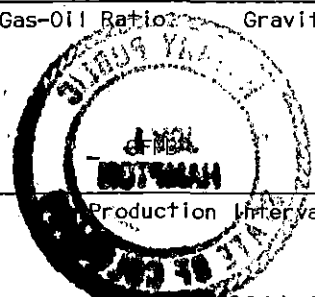
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	32#	1765'	Class H	690	12% gel + 3% CaCl ₂
Production	7 7/8"	5 1/2"	15.5#	3090'	Class H	585	3% CaCl ₂ cell phone, 8% salt, + .2% defoamer

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3007-3013 Sqzd. P.B. 2945 2966-2970 2914-2916 2918-2926 2928-2932	Acid/frac record detailed above	

TUBING RECORD	Size 2 3/8"	Set At 2930'*	Packer at -	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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

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

Dually Completed Conmingled

NEW PANOMA WELLS
 PRODUCER CO.

2914-2970' OA
 2008 01/11 2008
 2008 01/11 2008