

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6/3/86 6/6/86 7/16/86
Spud Date Date Reached TD Completion Date
3100' 3040'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1002' 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
Cement Company Name
Invoice #

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KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS

API No. 15-055-20,651-00-00

County Finney

NE NE SW Sec. 33 Twp. 24S Rge. 34 East
West

2590 Ft North from Southeast Corner of Section
3013 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

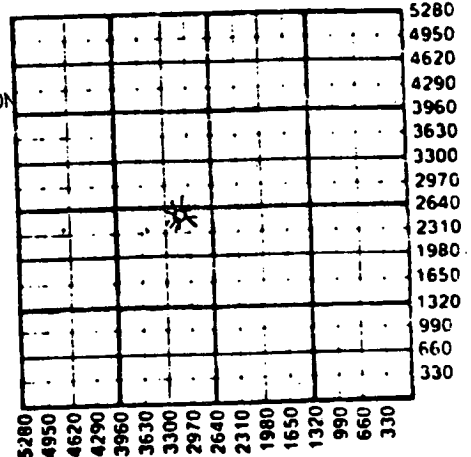
Lease Name USA #1 Unit Well # 2

Field Name Panama

Producing Formation Council Grove

Elevation: Ground 2962' KB 2973'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring
AH I NR 4-7-09

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) Dock in Kearney County.....
(purchased from city, R.W.D. #)

(Irrigation/water supply well)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 Producing Accounting Supervisor Date 2-23-82

Subscribed and sworn to before me this 23rd day of February 1982.

Notary Public Deborah Cavette

Date Commission Expires MY COMMISSION EXPIRES 7/2/30

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)

Operator Name Mobil Oil Corporation Lease Name USA #1 Unit Well # 2

Sec. 33 Twp. 24S Rge. 34 East West County FIDEEY

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 Data Report #1:

2,000 gals acid
 3,550 gals Flush IPP
 13,000 gals Pad
 5,000 gals SLF w/1 ppg 12/20
 5,000 gals SLF w/2 ppg 12/20
 6,000 gals SLF w/3 ppg 12/20
 7,000 gals SLF w/4 ppg 12/20
 7,000 gals SLF w/5 ppg 12/20
 2,750 gals Flush

Name	Top	Bottom
Glorietta	1434	
Stone Corral	1838	
Chase	2468	
Council Grove	2774	

Frac Data Report #2:

3,640 gals 30# gel
 13,020 gals Versagel
 5,010 gals versagel w/1 ppg 12/20
 5,000 gals versagel w/2 ppg 12/20
 6,040 gals versagel w/3 ppg 12/20
 7,000 gals versagel w/4 ppg 12/20
 9,700 gals versagel w/5 ppg 12/20
 2,850 gals 30# gel

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 1/2"	8 5/8"	24#	1002'	"H"	320	12% gel + 3% CaCl2
Production	7 7/8"	5 1/2"	14#	3100'	65/35/6 "H"	435 150	3% CaCl2 4% Halad-4 2% gel

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	2798-2814	(See Above)	

TUBING RECORD Size 2 3/8" Set At 2829 Packer at 2314' Liner Run Yes No

Date of First Production N/A Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas Well has not been tested yet MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity

METHOD OF COMPLETION

Production Interval

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

2798-2814

Dually Completed Conningled

PUR

MOBIL EXPLORATION & PRODUCING U.S. INC.

ORIGINAL

P. O. Box 5444
Denver, Colorado 80217-5444

September 16, 1987

Kansas Corporation Commission
Conservation Division
200 Colorado Derby Building
202 West First Street
Wichita, KS 67202

Attn: Rhoda J. Walker

NGPA-K-86-0273
USA #1 UNIT #2
FINNEY COUNTY, KANSAS

Gentlemen:

Attached is the following document to complete our Section 103 NGPA
Filing under captioned docket number.

- ACO-1

If anything further is required, please advise.

Very truly yours,

/s/

J. L. Douglass
Regulatory Compliance Manager

RKelly/rk
Attachment
870916N2

bcc: B. R. Maynard - 12K
D. R. Briggs - Houston 205

~~_____~~
Marcus Orr - Dallas 203

Records - 5B

P. Gorham - Hershberger, Patterson, Jones & Roth
Regulatory

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CONSERVATION DIVISION
WICHITA, KS