

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 # 52084
Name Mobil Oil Corporation
Address P.O. Box 5444
City/State/Zip Denver, CO 80217-5444

Purchaser Northern Natural Gas Co.

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

Contractor: License # 6663
Name Demac Drilling Company

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 OWNO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

9/10/84 Spud Date 9/14/84 Date Reached TD 11/7/84 Completion Date

3210' Total Depth 3146' PBTD

Amount of Surface Pipe Set and Cemented at 74 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. 15-189-20,755

County Stevens

.... NW/4 Sec. 14. Twp. 35S Rge. 37. East West

.3818.9.. Ft North from Southeast Corner of Section
.3960.... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

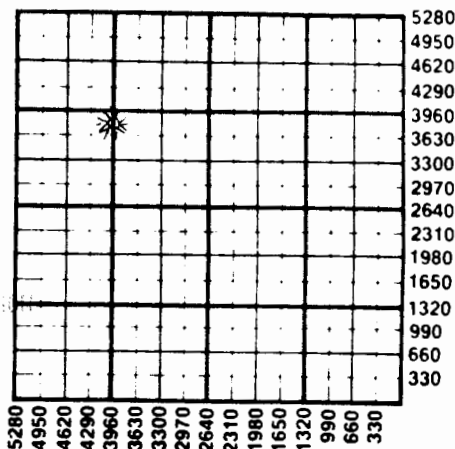
Lease Name Stevens #1 Ut. Well #2

Field Name Panama

Producing Formation Council Grove

Elevation: Ground 3104' KB 3112'

Section Plat



DEC 14 1984

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # CD-8787 (C-19,411)

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
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) Roger Lynch- Farmer irrigation well (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.

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Stevens #1 Ut. Well # 2

Sec. 14 Twp. 35S Rge. 37W East West County Stevens

METHOD OF COMPLETION

Production Interval

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

.....3032-3064-04

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	2685	
Council Grove	3011	
T.D.	3210	

Acid/Frac Record

Acidized formation down 5 1/2" casing w/2700 gals. of 15% HCL acid at 10 BPM. Dropped 54 1.3 5.9 ball sealers through treatment. Halliburton frac'd down 5 1/2" csg. w/60,000 gals. Versagel 1300 w/500 sx 20/40 + 1000 sx 12-20 sand at 25 BPM. Following volumes:

- 5,000 gal. w/1 ppg 20/40 sand
- 5,000 gal. w/2 ppg 20/40 sand
- 5,000 gal. w/3 ppg 20/40 sand
- 5,000 gal. w/4 ppg 20/40 sand
- 20,000 gal. w/5 ppg 12/20 sand

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#	744'	Class H	250	12% gel, 3% CaCl ₂
Production	7 7/8"	5 1/2"	15.5#	879' 3210'	Class H	125 615	3% CaCl ₂ , 12% gel, 1#/sk. Floccul., 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	3032-3064	Acid/Frac Record detailed above	

TUBING RECORD Size 2 3/8" Set At 3060' Packer at - Liner Run Yes No

Date of First Production Producing Method