

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL 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 Co.

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

Contractor: License # 6663
 Name Damac 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 Completion
☐ 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

9/16/84 9/22/84 11/8/84
 Spud Date Date Reached TD Completion Date
 3275' 3255'
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 729 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-..... 189-20,769.....

County..... Stevens.....

S/2 NE Sec. 18 Twp. 35S Rge. 36 ☐ East ☒ West

3759' Ft North from Southeast Corner of Section
 1320 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

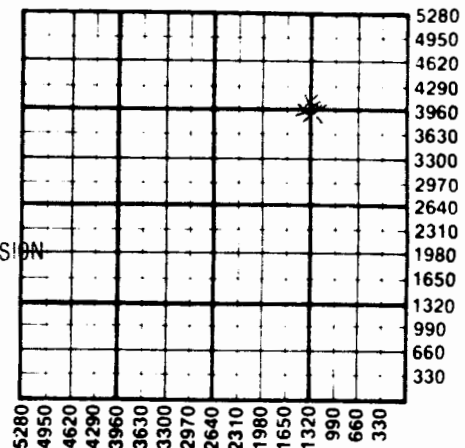
Lease Name..... Dye #1 Ut. Well #..... 2

Field Name..... Panama

Producing Formation..... Council Grove

Elevation: Ground..... 3073.4' 3081.4' KB.....

Section Plat



RECEIVED

STATE CORPORATION COMMISSION

DEC 14 1984

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

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

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)..... Roger Lynch-Former (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

Mobil Oil Corporation
 Operator Name Lease Name..... Dye #1 Ut. Well #..... 2
 Sec. 18..... Twp. 35S..... Rge. 36W..... ☐ East ☒ West County..... Stevens.....

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☒ Sold
☐ Used on Lease

☐ Open Hole ☒ Perforation
☐ Other (Specify)

...3036-3102...C.A.

☐ Dually Completed
☒ Commingled

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 2700
 Council Grove 3024
 T.D. 3275

Acid/Frac Record

Rig up Halliburton. Breakdown formation w/2400 gals.
 15% HCL acid at 10 BPM. Dropped 54 ball sealers.
 Frac'd down 5½" casing w/100,000 gal. gelled water
 containing 270,000# 20/40 sand at 70 BPM:

10,000 gal. @ 1 ppg
 10,000 gal. @ 2 ppg
 80,000 gal. @ 3 ppg

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.....	2 1/4"	8 5/8"	32#	729'	Class H	375	12% gel... 3% CaCl ₂
Production.....	7 7/8"	5 1/2"	15.5#	3275'	Lite Class H	450 165	3% CaCl ₂ 1/4# Flocele 8% salt

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	3036-3040	Acid/Frac Record	
	3042-3048	detailed above	
	3052-3052 3cs4		
	3098-3102		

TUBING RECORD Size 2 3/8" Set At 3119' Packer at - Liner Run ☐ Yes ☒ No

Date of First Production Producing Method
☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....