

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 # 9137
 Name Unit Drllg. & Exploration

Wellsite Geologist..... Grant Zimbrick
 Phone..... 303/298-2483

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp Abd
☒ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If OWN: old well info as follows:

Operator
 Well Name
 Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

10-31-84 11-11-84 12-22-84
 Spud Date Date Reached TD Completion Date
 5800' 3247'
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at.....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. 15-081-20,320

County.....Haskell
 SE SE NW 11 28S 34 ☐ East
 Sec.....Twp.....Rge..... ☒ West

2970 Ft North from Southeast Corner of Section
 2970 Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

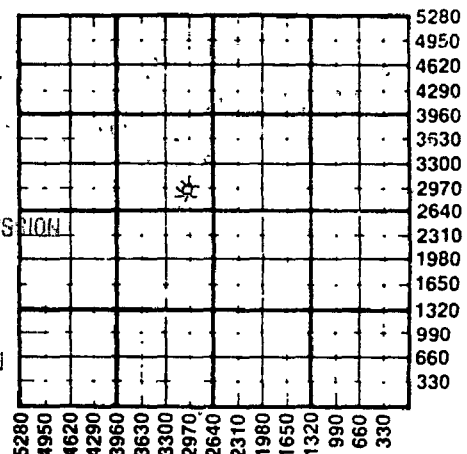
Lease Name.....Carey Unit Well #.....3

Field Name.....Panoma

Producing Formation.....Council Grove

Elevation: Ground.....3048' 3065' KB.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☒ Disposal
 Docket # C.D. 4889 ☐ Repressuring
 (C-19, 847)

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: T-84-769

Division of Water Resources Permit #.....

☒ Groundwater...2210
 2210 Ft North from Southeast Corner
 (Well)Ft West from Southeast Corner of
 Sec 11 Twp 28SRge 34 ☐ 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. #)

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 J. E. Dawson

Title.....Producing Accounting Supervisor Date 2-5-85

Subscribed and sworn to before me this 5th day of February

Notary Public.....

Date Commission Expires.....

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

Form ACO-1 (7-8A)

Sec 11 Twp 28Rge 34W

Mobil Oil Corporation

Carey Unit

3

Operator Name Lease Name.....Well #.....

Sec. 11 Twp. 28S Rge. 34W ☐ East ☒ West

County.....Haskell.....

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 2656
Council Grove 2990
T.D. 5786

Acid/Frac Record:

Dowell acidized formation w/2700 gals. 15% HCL acid. Dropped 581.3 s.g. ball sealers thru job.
Dowell frac'd down 5½" csg. w/100,000 gals. gelled water w/270,000# 20/40 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	Percent Additives
..Surface.....	12.1/4"	9.5/8"	36#	1979'	Class H	500	12% gel, 3% CaCl
..Production...	7.7/8"	5.1/2"	15.5#	3287'	Class H	330	12% gel, 3% CaCl
					Class H	150	3% CaCl
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.....	3000!/3004'.....			See acid/frac record detailed			
.....	3012!/3016'.....			above.....			
.....	3026!/3036'.....						
.....							
TUBING RECORD		Size	Set At	Packer at	Liner Run ☐ Yes ☒ No		
		2 3/8"	3048'	-			
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	CFPB		

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perforation ☐ Other (Specify)

☐ Dually Completed ☐ Conmingled

.....3000!-3036' O.A.

.....

NEW PANOMA WELL

PRODUCED BY