

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 # 5317
Name Continental Energy
Address 906 S. Highway 83
Frontage Road
City/State/Zip Garden City, KS 67846

Purchaser Northern Natural Gas Co.
Omaha, NE

Operator Contact Person Russell Freeman
Phone 316-276-8710

Contractor: License # N/A
Name Mid-America Drilling

Wellsite Geologist Ron Osterbuhr
Phone 316-275-7888

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 Continental Energy
Well Name Freeman #2
Comp. Date 10/31/79 Old Total Depth 3000'

WELL HISTORY

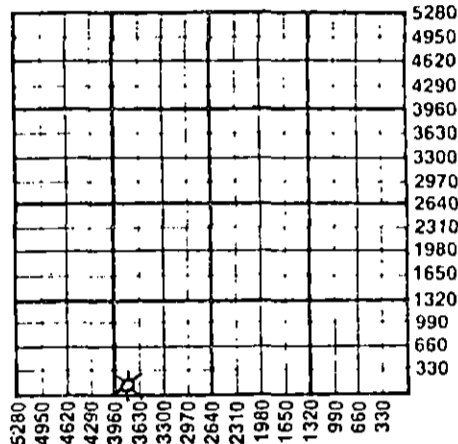
Drilling Method:
 Mud Rotary Air Rotary Cable
10/1/79 N/A 10/31/79
Spud Date Date Reached TD Completion Date
3000' 3028'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 850 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 #

API No. 15-055-20,386-0000
County Finney
SW SW SE SW Sec. 19 Twp. 24 Rge. 32. East
106 Ft North from Southeast Corner of Section
3821 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Freeman Well # 2
Field Name Pending Panoma
Producing Formation Council Grove
Elevation: Ground 2875 KB 2882

Section Plat



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # D-23,260 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) Purchased from City
(purchased from city, R.W.D. #)

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 *Russell Freeman*

Title Owner Date 7-28-87

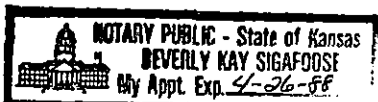
Subscribed and sworn to before me this 28th day of July 1987

Notary Public Beverly Kay Sigafosse

Date Commission Expires April 26, 1988

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)
1987

Sec. 17, Twp. 24, Rge. 32



8-3-87

CONSERVATION DIVISION
Wichita, Kansas

Operator Name Continental Energy Lease Name Freeman Well # 2

Sec. 19 Twp. 24S Rge. 32 East West County Finney

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	2488'	2768'
Council Grove	2768'	Not Reached

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 Lite	#Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	850'	H	125	3% CC
Production	7 7/8"	5 1/2"	14#	3033'	Lite	450	
					H	75	
					Pozmix A	75	
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	2854-2862			75,000 127/20 sand		2833-2876 OA	
4	2833-2843			2,000 gal. 15% F.E.			
4	2857-2860			squeezed perfs. with 170		sacks	
4	2868-2876			common cement held		2772-2778	
				at 1250#		2818-2822	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size 2 3/8"	Set At 2935'	Packer at None				
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
0 Bbls			MCF	60 Bbls	CFPB		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 2833
 Used on Lease Dually Completed 2876 OA
 Commingled

