

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 # 9446
Name N.F. Producers, Inc.
Address 5151 W. First Ave.
City/State/Zip Denver, CO 80219

Purchaser Clear Creek, Inc.

Operator Contact Person Doug Frickey
Phone (303) 934-2464

Contractor: License # 5107
Name H-30, Inc.

Wellsite Geologist
Phone

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

9-19-84 9-26-84 9-28-84
Spud Date Date Reached TD Completion Date

4215' PBSD
Total Depth

Amount of Surface Pipe Set and Cemented at 350 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. 15-007-21,930-00-00

County Barber

C. NE NW Sec. 36 Twp. 31 S Rge. 13 East West

4620 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

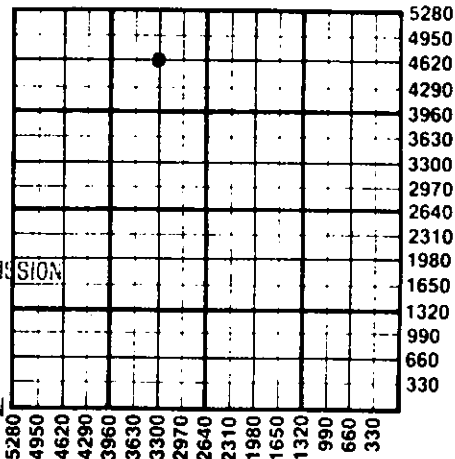
Lease Name Kimhall Well #. 2 "C"

Field Name Nurse

Producing Formation Mississippian

Elevation: Ground 1522' KB 1513'

Section Plat



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WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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) (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 Douglas C. Frickey
Title Vice-President Date 12/20/84

Subscribed and sworn to before me this 20th day of December 1984
Notary Public Vicki Hensel - Vicki Hensel

Date Commission Expires October 10, 1988

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)

Sec 36 Twp. 31 S Rge. 13 W

SIDE TWO

Operator Name N.F. Producers Lease Name Kimball Well # 2 "C"

Sec. 36 Twp. 31S Rge. 13 East West County Barber

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

ELEVATIONS: 1522' K.B., 1513' G.L.

FORMATION ELEC. LOG DEPTH SUB SEA DATUM

Heebner	3484	-1962
Toronto	3502	-1980
Douglas	3522	-2000
Lansing	3666	-2144
Swope	4009	-2487
Hertha	4056	-2534
Mississippi	4162	-2640
R.T.D.	4215	-2693
L.T.D.	4213	-2691

Formation Description
 Log Sample

Name	Top	Bottom
Red bed & clay	0'	450'
REd bed & shale	450'	1009'
Red bed	1009'	1436'
Red bed & lime	1436'	1685'
Lime & shale	1685'	3627'
Shale	3627'	3675'
Lime & shale	3675'	4080'
Shale & Miss.	4080'	4215'
Rotary total depth	4215'	

Well site geologist - Keith Reavis

CONTRACTOR: H-30 Drilling, Inc. (Rig #12)

COMMENCED: September 20, 1984

COMPLETED: September 27, 1984

CASING PROGRAM: Surface: 8 5/8" @ 350'

Production: 4 1/2" @ 4212'

MEASUREMENTS: All depths measured from the Kelly Bushing

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	#Sacks Used	Type and Percent Additives
SURFACE	12-1/4"	8-5/8"	23#	350'	ClassH	225	3% cc., 2% ge
PRODUCTION	7-7/8"	4-1/2"	10.5#	4214'	Surefil	150	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
4	4161-4167			750 gal. 15% Demud acid Spearhead, Crosslink frac		4161-4167	
				10-20 sand			
				The Buie Co., Inc.			
TUBING RECORD		Size <u>135 jets</u>	Set At <u>4178.30</u>	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production		Producing Method					
10/11/84		<input type="checkbox"/> Flowing <input checked="" 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
80 BOPD		15,000	30 BOWPD	32			
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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

4161-4167



DRILLING TIME: One (1) foot drilling time recorded by geolograph 3300' to the R.T.D.

SAMPLES: Samples examined from 3350' to the R.T.D.

FORMATION TESTING: There were two (2) drill stem tests run by Star Hughes Testers

ELECTRIC LOG: Radiation Guard-Caliper by NL McCullough

DRILL STEM TEST #1 (Douglas) 3516-3625

Open: 45-60-90-60

Blow: 1st opening weak, 2nd opening weak building to strong

Recovery: 190' muddy salt water

Pressures: ISIP 1462 psi
FSIP 1398 psi
IFP 103-129 psi
FFP 142-181 psi
HSH 1629-1616 psi

Temperature: 92 degrees

DRILL STEM TEST #2 (Mississippian) 4158-4213

Open: 30-60-45-60

Blow: Strong throughout test

Recovery: 1030' gas in pipe, 50' slightly oil specked and gas cut mud, 60' slightly oil and gas cut mud, 60' oil and gas cut mud, 60' oil and gas cut watery mud, 90' slightly oil and gas cut water

Pressures: ISIP 1218 psi
FSIP 1051 psi
IFP 116-129 psi
FFP 168-181 psi
HSH 2015-1989 psi

Temperature: 100 degrees

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RECOMMENDATIONS

Due to the results of drill stem #2 and electric log analysis, it was recommended that 4½" production casing be set and cemented one (1) foot off bottom and the Kimball #2C be perforated and tested in the following zone:

Mississippi 4161-4167

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