

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

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

Contractor: license # 5107
name H-30, Inc.

Wellsite Geologist Keith Reavis
Phone (316) 792-1383

PURCHASER Clear Creek, Inc.

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 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

9-5-84 9-13-84 9-14-84
Spud Date Date Reached TD Completion Date

4202' PBD
Total Depth

Amount of Surface Pipe Set and Cemented at 357' 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 - 007-21,917-00-00

County Barber

NW NW NE Sec 36 Twp 31 Rge 13 East X West

4950 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

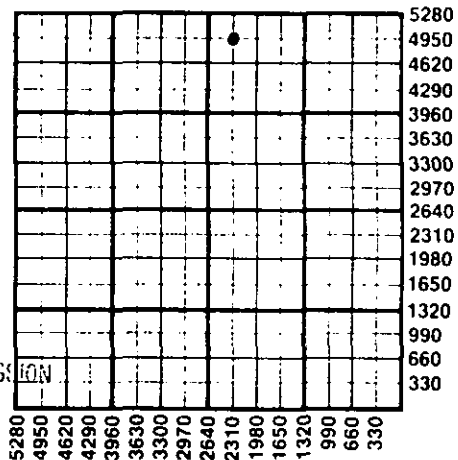
Lease Name Simpson A Well# 1

Field Name Nurse

Producing Formation Mississippian

Elevation: Ground 1511' KB 1520'

Section Plat



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CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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 20 day of December 19 84

Notary Public Vicki Hensel
Date Commission Expires 10/10/88

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)

Sec. 36 Twp. 31 Rge. 13

Operator Name N.F. Producers Lease Name Simpson A. Well# 1 SEC 36 TWP 31 RGE 13 East West

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

4 1/2" PRODUCTION CASING SET:

CONTRACTOR: H-30 Drilling, Co. (Rig#12)
 COMMENCED: September 5, 1984
 COMPLETED: September 14, 1984
 MEASUREMENTS: All depths measured from the Kelly Bushing
 CASING PROGRAM: Surface: 8 5/8" @ 357'
 Production: 4 1/2" @ 4201'
 DRILLING TIME: One (1) foot drilling time recorded by geograph 3300' to the R.T.D.
 SAMPLES: Samples examined from 3350' to the R.T.D.
 ELECTRIC LOG: Radiation Guard Log by N.L. Petro-Log
 FORMATION TESTING: There were three (3) drill stem tests run by Star Hughes

Name	Top	Bottom
Sand	0'	50'
Red bed	50'	98'
Red bed & shale	98'	1755'
Shale	1755'	2189'
Shale & lime	2189'	2610'
Lime & shale	2610'	3449'
Shale	3449'	3765'
Lime & shale	3765'	3980'
Shale	3980'	4162'
Lime & shale	4162'	4202'
Rotary total depth	4202'	

ELEVATIONS: 1511' G.L., 1520' K.B.

FORMATION ELEC. LOG DEPTH SUB SEA DATUM

Heebner	3482	-1962
Toronto	3500	-1980
Douglas	3520	-2000
Lansing	3662	-2142
Swope	4005	-2485
Hertha	4050	-2530
Massey	4119	-2599
Mississippi	4157	-2637
L.T.D.	4189	-2669
R.T.D.	4202	-2682

DRILL STEM TEST #1 Mississippian 4106-4167

Open: 45-60-60-60
 Blow: Strong throughout test
 Recovery: 90' slightly oil cut mud
 Pressures: ISIP 323 psi
 FSIP 295 psi
 IFP 126-112 psi
 FFP 140-126 psi
 HSH 2036-2008 psi
 Temperature: 120 degrees

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#	357'	Class H	225	3% cc, 2% gel
PRODUCTION	7-7/8"	4-1/2"	10.5#	4201'	Class H	100	
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	4157-4163			750 gal. 15% Demud acid Spearhead 5800 lb. crosslink frac. (10/20) sand Dresser Titan			4157-4163
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production 9/29/84		size 135 jts 2 3/8" set at 4173 GL packer at					
Producing method		<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		
25 BOPD	Bbls	10,000 MCF	5 BOWPD Bbls		CFPB		

Disposition of gas: vented open hole perforation
 sold other (specify) _____
 used on lease Dually Completed.
 Commingled

PRODUCTION INTERVAL

4157-4163



DRILL STEM TEST #2 Kansas City (Swope) 3990-4020

STRADDLE TEST

Open: 45-45-45-45
Blow: Weak, building to strong
Recovery: 350' muddy water
Pressures: ISIP 1501 psi
FSIP 1488 psi
IFP 51-142 psi
FFP 194-207 psi
HSH 1951

DRILL STEM TEST #3 Douglas 3444-3643

HOOKEWALL STRADDLE TEST

Open: 30-60-45-60
Blow: Strong, GTS 40 min into 2nd flow,
gauge 5000 CFPD
Recovery: 365' gas mud cut, 180' gas cut watery mud
Pressures: ISIP 1475 psi
FSIP 1424 psi
IFP 311-298 psi
FFP 311-337 psi
HSH 1771-1758 psi

RECOMMENDATIONS

Due to the electric log and sample analysis, it was recommended by the operator that 4½" production casing be set and cemented one (1) foot off bottom at the rotary total depth of 4201 (-2681), and the Mississippian be perforated and tested in the following interval:

1) Mississippi 4157-4163

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CONSERVATION DIVISION
Wichita, Kansas

OP # 04964

#562

Petro-Log

Radiation Guard Log

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OPERATION COMMISSION

PR 5 1987

MARKED

COMPANY N.F. PRODUCERS

WELL SIMPSON A #1

FIELD NORSE S. EXT

COUNTY BARBER STATE KS.

Location NW-NW-NE

Other Services:

Sec. 36 Twp. 31s Rge. 13W

Permanent Datum: GROUND LEVEL Elev. 1511
 Log Measured From K.B. 9 Ft. Above Perm. Datum
 Drilling Measured From K-11^{1/2} Bushing

Elev.: K.B. 1520
 D.F. _____
 G.L. 1511

Date	9-11-84						
Run No.	ONE						
Depth—Driller	4190						
Depth—Logger	4189						
Btm. Log Inter.	4188						
Top Log Inter.	3300						
Casing—Driller	8 5/8	365		●	●	●	●
Casing—Logger							
Bit Size	7 7/8						
Type Fluid in Hole	STARK CHEMICAL						
Dens.	9.3	60					
Visc.							
pH	11.0	140 ml		ml	ml		ml
Fluid Loss							
Source of Sample	FLOWLINE						
R ₁₀₀ @ Meas. Temp.	.54	@ 90 °F		●	●	●	●
R ₁₀₀ @ Meas. Temp.	.40	@ 90 °F		●	●	●	●
R ₁₀₀ @ Meas. Temp.	.81	@ 90 °F		●	●	●	●
Source: R ₁₀₀	Calc	Calc.					
R ₁₀₀ @ BHT	.41	@ 117 °F		●	●	●	●
Time Since Circ.	2 HRS.						
Max. Rec. Temp.	117	°F		°F	°F		°F
Equip. Location	84167	GB					
Recorded By	Beet Bannell						
Witnessed By	Keith REAVIS						