

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
address 5151 W. First Ave.
City/State/Zip Denver, CO 80219

Operator Contact Person Norton Frickey
Phone

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

Wellsite Geologist Keith Reavis
Phone 316-792-1383

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
5-30-84 6-8-84 6-8-84
Spud Date Date Reached TD Completion Date
4650! PBSD
Total Depth
Amount of Surface Pipe Set and Cemented at 380! 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. 15-007-21,836-00-00

County Barber

C SE SW (location) Sec 25 Twp 31S Rge 13 West

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

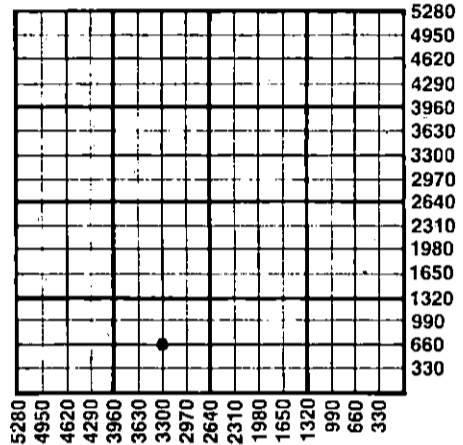
Lease Name Kimball A Well# 1

Field Name South Nurse

Producing Formation Mississippian

Elevation: Ground 1526' KB 1535'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner and Ft. West From Southeast Corner of (Well) 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 6/28/84
Subscribed and sworn to before me this 28 day of June 19 84
Notary Public Nancy Stroud
Date Commission Expires 3/16/88

RECEIVED
STATE CORPORATION COMMISSION
JUL 02 1984
CONSERVATION DIVISION
Wichita, Kansas

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 25 Twp 31 Rge 13 W

Operator Name N.E. Producers Lease Name Kimball A Well# 1 SEC 25 TWP 31S 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

GENERAL WELL DATA

OPER NE Producers CASING RECORD
 CONTR H-30 Drlg Rig 12 SURFACE 8 5/8 @ 380
 COMM 5-30-84 PRODUCTION 5 1/2 @ 4610
 COMP 6-7-84 TD DRLG. 4650
 ELECT SURVEY 6-7-84 TD LOG 4655

Name	Top	Bottom
Sand & red bed	0'	470'
Red bed	470'	892'
Shale	892'	1763'
Shale & slate	1763'	1940'
Shale & lime	1940'	3660'
Lime & shale	3660'	4200'
Shale & lime	4200'	4485'
Lime & shale	4485'	4630'
Lime	4630'	4650'
Rotary total depth	4650'	

PRODUCTION ELEVATIONS MEASUREMENTS ARE

Mississippi KB 1526 GL 1517 ALL FROM KB

DRILL STEM TEST INFORMATION
 Halliburton Services

DST#1: DEPTH TESTED: 4152 - 4175

FIRST FLOW: Blow built to bottom of bucket in 11 min. blow continued off bottom of bucket throughout opening

2ND FLOW: Strong blow to bottom of bucket immediately strong blow continued throughout opening

RECOVERY: 700' sl. gas in pipe

Formations	Sample Top	Elec Log Top
Indian Cave	2573	2570
Heebner	3478	3479
Toronto	3491	3496
Douglas	3513	3516
DGL 1st SD	3602	3602
DGL 2nd SD	-	-
Lansing	3655	3660
Swope	3998	3999
Hertha	4046	4046
Miss	4149	4152
Kinderhook	4304	4303
Viola	4406	4399
Simpson	4486	4487
Arbuckle	4604	4605

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	12-1/4"	8-5/8"	24#	380'	Class H	225	2% gel, 3% cc
PRODUCTION	7-7/8"	5-1/2"	14#	4610'	Class A	175	
					Mud sweep	500 gal	

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	3 ft. / 4 holes per ft.	first treatment: 500 gallons MCA 15% Acid	4152/4155
		2nd treatment: Fracture 5000 gal XC-3 5 gal clay ben 850 #KCL 1 gal breaker D 12 gal NE-4 5800 # 10/20 sand	4152/4155

TUBING RECORD

size 2 3/8 set at 4147.44 packer at GL Liner Run Yes No

Date of First Production	Producing method	Oil	Gas	Water	Gas-Oil Ratio	Gravity
6/24/84	<input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)	40 BOPD	20 MCF	15 BOWD	65% oil 35% water	38

METHOD OF COMPLETION

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

PRODUCTION INTERVAL

4152/4155
 Mississippian



Doug Frickey
 Vice President
 Bus. (303) 934-2464

DRILL STEM TEST INFORMATION

RECOVERY - Cont'd. 10' sl. oil & gas cut mud
 1% gas 2% oil 97% mud
 60' Hv. oil & Gas cut mud
 20% gas 25% oil 55% mud

IHSP 1982 FFP 50-60
 IFP 40-40 FSIP 418
 ISIP 477 FHSP 1963

TIME 45-60 45-60
 BOTTOM HOLE TEMP 111 degrees

DST #2: DEPTH TESTED: 4175-4200
 FIRST FLOW: Fair blow built to 6" in bucket
 by end of opening
 2nd FLOW: Fair blow built to 5" in bucket
 by end of opening
 RECOVERY: 10' mud

IHSP 1963 FFP 40-40
 IFP 40-40 FSIP 90
 ISIP 139 FHSP 1963

TIME 45-60 45-60
 BOTTOM HOLE TEMP 112 degrees

Remarks: Due to favorable structural position and results of DST #1, it was recommended to set 5½" casing at a total depth of 4,610 feet, perforate and further test the Mississippi, then using dual completion, utilize the Arbuckle for salt water disposal at a later date.

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 STATE CORPORATION COMMISSION
 JUL 02 1984
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 Wichita, Kansas