

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 # 6111
Name N-B Company, Inc.
Address P. O. Box 506
City/State/Zip Russell, KS 67665

Purchaser.....

Operator Contact Person Joe K. Branum
Phone (913) 483-5345

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist D. J. Schulz
Phone (913) 483-5345

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
8/9/85 8/16/85 8/16/85
Spud Date Date Reached TD Completion Date
3585'
Total Depth PBD
Amount of Surface Pipe Set and Cemented at 413 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. 15-009-23,961 0000
County Barton
SE SW NE Sec 22 Twp 17 Rge 15 East West

2970 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

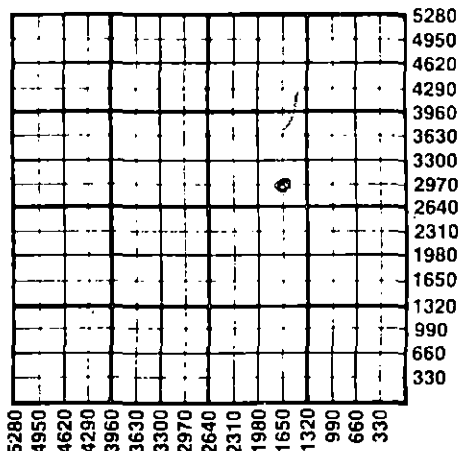
Lease Name Helfrich Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 1981 KB 1986

Section Plat



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # 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 4620 Ft North from Southeast Corner
(Stream, pond etc) 1320 Ft West from Southeast Corner
Sec 23 Twp 17 Rge 15 East West
 Other (explain).....
(purchased from city, R.W.D. #)

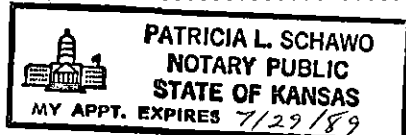
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 Kyle B. Branum
Vice-President Date 8/22/85

Subscribed and sworn to before me this 22 day of August 1985
Notary Public Patricia L. Schawo

Date Commission Expires 7/29/89



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)
RECEIVED
STATE CORPORATION COMMISSION

Form ACO-1 (7-84)

AUG 23 1985
08-23-85
CONSERVATION DIVISION

Sec. 23 Twp. 17 Rge. 15 W

SIDE TWO

Operator Name N-B Company, Inc. Lease Name..... Helfrich..... Well #..... 1.....

Sec..... 22..... Twp..... 17..... Rge..... 15..... East West County..... Barton.....

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

DST #1 - 3300-3360
 Recovered: 60' Watery Mud
 ISIP 925 FSIP 823
 IFP 51-51 FFP 61-61

DST #2 - 3360-3378
 Recovered: 75' Watery Mud
 ISIP 1080 FSIP 1080
 IFP 61-61 FFP 82-82

DST #3 - 3412-3459
 Recovered: 15' Drilling Mud
 ISIP 102 FSIP
 IFP 41-41 FFP 51-51

Name	Top	Bottom
Anyhdrite	1019	
Topeka	2972	
Heebner	3207	
Toronto	3222	
Douglas	3238	
Lansing - KC	3269	
Base Kansas City	3504	
Conglomerate	3515	
RTD	3585	

CASING RECORD <input 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"	20	413	60/40poz	225	2%gel, 3%cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
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.....
.....
TUBING RECORD				Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production		Producing Method <input 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	
		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