

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 # 5253
Name Northern Pump Company
Address Box 973
City/State/Zip Garden City, Ks. 67846

Purchaser None

Operator Contact Person J. Leo Fife
Phone 316-276-3267

Contractor: License # 5879
Name Bohannan Drlg. Inc.

Wellsite Geologist Vernon Williams
Phone 405-256-5966

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
11-1-84 11-11-84 11-12-84
Spud Date Date Reached TD Completion Date
6020'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1633 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. 15-175-20,773-0000
County Seward
C NE SW 16 32 31 East
Sec. Twp. Rge. West

1980 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

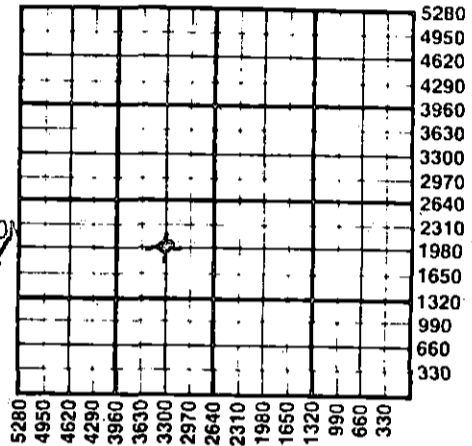
Lease Name Norman Roehr Well # KM-1-16

Field Name

Producing Formation None

Elevation: Ground 2793 KB 2805

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
12-17-84
DEC 17 1984
CONSERVATION DIVISION
Wichita, Kansas

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 # 4378

Groundwater 1980 Ft North from Southeast Corner
(Well) 3300 Ft West from Southeast Corner of
Sec 16 Twp 32 Rge 31 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.

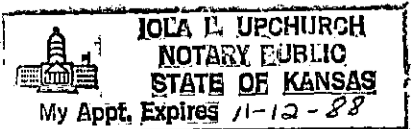
Signature J. Leo Fife
Title Production Supt. Date 12-14-84

Subscribed and sworn to before me this 14th day of December 1984
Notary Public Iola L. Upchurch

Date Commission Expires November 12, 1988

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Sec 16 Twp 32 Rge 31 W



SIDE TWO

Operator Name Northern Pump Company Lease Name Norman Roehr Well # KM 1-16

Sec. 16 Twp. 32 Rge. 31 East West County Seward County

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

Logs mailed 12/6/84

Formation Description
 Log Sample

| Name | Top | Bottom |
|---------------|------|--------|
| Council Grove | 2980 | |
| Topeka | 3950 | |
| Top Heebner | 4280 | |
| Base Heebner | 4320 | |
| Lansing | 4435 | |
| Hodges | 4960 | |
| Marmaton | 5058 | |
| Cherokee | 5250 | |
| Morrow | 5558 | |
| Morrow Sand | 5590 | |
| Chester | 5634 | |
| St. Gen | 5805 | |
| St. Louis | 5875 | |

DST #1 5069-5080 10-20-32-87 1st Hydrostatic PSI 2478# - 1st flow PSI 58# - Weak blow throughout test - Recovered 70 ft. Muddy water

DST #2 - 5548-5635 10-60-60-120-Very Weak blow - increased to 3" in bucket - Recovered 110' mud - 90' Watery mud - 270' water

| 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 |
| Conductor | 32" | 20 | | 51 | Ready Mix | 5 yds | |
| Surface | 12-3/4" | 8-5/8" | 24 | 1633 | Light Wt Class H | 625 | 2%cc - 1/4# D-29 |
| | | | | | | 200 | 3%cc - 1/4# D-29 |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | | Depth |
| | | | | Well Plugged | | | |
| 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)..... | | | | | | |
| D & A | | | | | | | |
| 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

212 11 13 13