SIDE ONE

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
[X] New Well [ ] Re-Entry [ ] Workover

[ ] Oil [ ] SWD [ ] Temp Abd
[ ] Gas [ ] Inj [ ] Delayed Comp.
[X] 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:
[X] 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 [X] 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

County Seward

C NE SW Sec 16 Twp 32 Rge 31 [ ] East [X] West

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

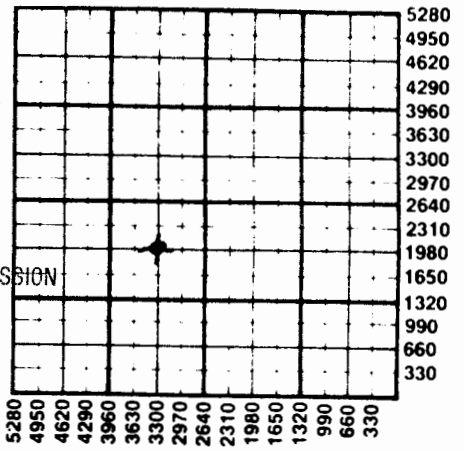
Lease Name Norman Roehr Well # KM-1-16

Field Name

Producing Formation None

Elevation: Ground 2793 KB 2805

Section Plat



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STATE CORPORATION COMMISSION
DEC 17 1984
CONSERVATION DIVISION
Wichita, Kansas

X 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 # A378

[X] Groundwater 1980 Ft North from Southeast Corner
(Well) 3300 Ft West from Southeast Corner of
Sec 16 Twp 32 Rge 31 [ ] East [X] 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

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.

Logs mailed 12/6/84

Drill Stem Tests Taken ☐ Yes ☐ No
Samples Sent to Geological Survey ☐ Yes ☐ No
Cores Taken ☐ Yes ☐ No

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

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	

DEC 18 1984

State Geological Survey
WICHITA BRANCH

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
Conductor	32"	20		51	Readymix	5 yds	
Surface	12-3/4"	8-5/8"	24	1633	Light Wt	625	2%cc - 1/4# D-29
					Class H	200	3%cc - 1/4#D-29

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
		Well Plugged	

TUBING RECORD Size Set At Packer at Liner Run ☐ Yes ☐ No

Date of First Production D & A

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)