

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 # 5181
Name Donald C. Slawson
Address Suite 700
20 N. Broadway
City/State/Zip Oklahoma City, OK 73102

Purchaser Northern Natural
Inland Purchasing & Transportation

Operator Contact Person Daniel G. Wilson
Phone 405/232-0201

Contractor: License # 5657
Name Slawson Drilling Company

Wellsite Geologist Ed Heshner
Phone 806/374-5256

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWNED: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11/30/85 12/13/85 3/14/86
Spud Date Date Reached TD Completion Date
6,465' 6,400' (est)
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 1530 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
Cement Company Name
Invoice #

API NO. 15-175,20,881-00-00
County Seward
SE SW NW Sec. 5 Twp. 34S Rge. 33 XX East West

2970 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name ANTHONY Well # 1-5

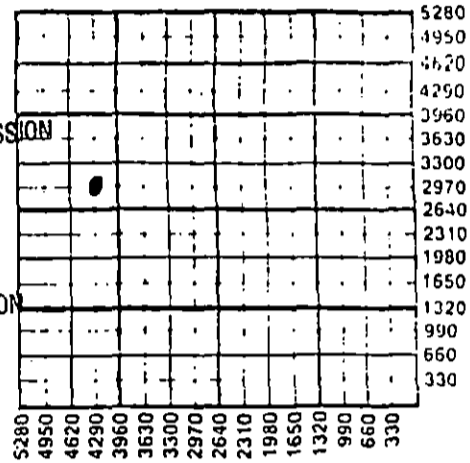
Field Name Wildcat

Producing Formation Chester, Lower Morrow

Elevation: Ground 2,867' KB 2,873'

Section Plat

RECEIVED
OCT 31 1988
STATE CORPORATION COMMISSION
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 #

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge 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 triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 Daniel G. Wilson
Title Division Engineer Date 10/19/87

Subscribed and sworn to before me this 19th day of October 1987
Notary Public Ginna L. Hawthorne
Date Commission Expires May 7, 1988

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

Operator Name Donald C. Slavin Lease Name PHONY Well # 1-5

Sec. 5 Twp. 34S Rge. 33 East West County Seward

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

DCS #1 Toronto 4,453'-4,420'
 Test Intervals 30-60-60-120 minutes
 IHP - 2135.7#
 IFP - 167.3-829.6#
 ISIP - 1156.9#
 FFP - 862.3-1091.6#
 FSIP - 1156.9#
 FHP - 2103#
 Temp 100° F
 Rec'd 3164' of SW (Chls = 88000 ppm)

Name	Top	Bottom
Herrington	2,618	
Krider	2,644	
Council Grove	3,004	
Heebner	4,317	
Toronto	4,332	
Lansing	4,448	
Kansas City	4,756	
Marmaton	5,166	
Cherokee	5,458	
Atoka	5,682	
Morrow	5,756	
Chester	6,024	
St. Genevieve	6,346	
St. Louis	6,427	

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	11"	8-5/8"	24	1,530	60/40 poz	650	3% CaCl
Production	7-7/8"	4-1/2"	10.5	6,462	Cl "H"	350	3% CaCl
						590	3/4% CFR-2, 4/10% Halad-22A, 1/4#/sk Floccle

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

3	6,271'-6,275'	1000 gals diesel	
		21000 gals My-T-Oil II +	
		29500# 20/40 sd	
2	6,076'-6,084', 5,986'-5,988'	2500 gals 15% FE HCL	
		58000 gals 70 quality CO2 Foam w/78000# sd	

TUBING RECORD Size Set At Packer at
 2-3/8 5,955 5,955
 Liner Run Yes No

Date of First Production 3/13/87 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
Chester Lime/Lower Morrow/Basal Chester	23	356	3 BW	15467:1	

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole. Perforation Other (Specify).....
 Dually Completed Commingled

6271'-6275'
 6076'-6084'
 5986'-5988'