

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 # 5565  
Name National Cooperative Refinery Assn.  
Address 6000 West 10th  
City/State/Zip Great Bend, Ks. 67530

Purchaser

Operator Contact Person Morris Bell  
Phone (303) 861-4883  
Denver, Co. 80203

Contractor: License # 5422  
Name Abercrombie Drilling, Inc.

Wellsite Geologist COLLIMBINE LOGGING  
(Keith Brown)  
Phone 303-292-0837

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

11-19-89 12-01-89 12-02-89  
Spud Date Date Reached TD Completion Date

5030'  
Total Depth PBTD

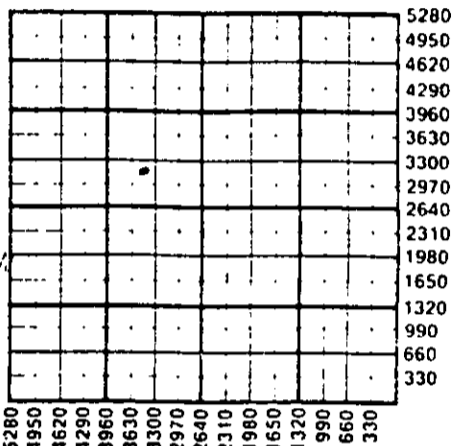
Amount of Surface Pipe Set and Cemented at 316 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set...feet  
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt  
Cement Company Name  
Invoice #

ALT DYA

API NO. 15-171-20,399-00-00  
County Scott  
SE SE NW Sec. 35 Twp. 20S Rge. 33 East  
3190 Ft North from Southeast Corner of Section  
3380 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name ALS Farms Well # 1  
Field Name Wildcat  
Producing Formation  
Elevation: Ground 2932' KB 2937'

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 # T 89-563

Groundwater 4620 Ft North from Southeast Corner  
(Well) 3300 Ft West from Southeast Corner of  
Scott Sec 35 Twp 20SRge 33 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 *Sten Braeken*  
Title DISTRICT FOREMAN Date 1/16/90

Subscribed and sworn to before me this 16th day of Jan 1990  
Notary Public Patricia Schultz

NOTARY PUBLIC - State of Kansas  
Date Commission Expires My Appt. Exp. 1-29-93

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)

SIDE TWO

Operator Name National Cooperative Refinery Assn Lease Name ALS Farms Well # 1

Sec. 35 Twp. 20S Rge. 33  East  West County Scott

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 4781-92' 30-60-60-120

IHP 2381# IFF 10-49# ISIP 1246#  
 FFP 69-98# FSIP 1236# FFP 1236#  
 FHP 2300#

REC. 190'-20'M, 50'WM (10% wtr. - 90% Mud)  
 120'MW (50% wtr - 50% Mud)

Name	Top	Bottom
SAMPLE ANHYDRITE	2064'	
BLAINE	1506'	
GLORIETTA	1633'	
B STONE CORRAL	2158'	
HERRINGTON	2594'	
NEVA	3097'	
VIRGIL	3474'	
TORONTO	3876'	
LANSING	3916'	
KS. CITY	4236'	
MARMATON	4392'	
CHEROKEE	4545'	
MARROW	4731'	
MARROW SANDSTONE	4778'	
MISSISSIPPI	4872'	
LTD	5024'	

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 1/2"	8 5/8"	24#	316'	60/40poz	200	2% gel, 3% co

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

TUBING RECORD Size Set At Packer at Liner Run  Yes  No

Date of First Production Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION Production Interval

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