

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 # 5063  
name Energy Exploration, Inc.  
address 1002 South Broadway  
Wichita, Kansas 67211  
City/State/Zip

Operator Contact Person Bradley D. Lehl  
Phone (316) 267-7336

Contractor: license # 5422  
name Abercrombie Drilling, Inc.

Wellsite Geologist Ralph White  
Phone 316-263-3081

PURCHASER Koch Oil Co.

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

WFO: old well info as follows:  
Operator N/A  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
6-25-84 7-6-84 7-19-84  
Date Date Reached TD Completion Date

4770  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 367' feet

Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set 2364 feet

Alternate 2 completion, cement circulated  
from 2364 feet depth to surface w/ 450 SX cmt

*Wire line log received*

API NO. 15-193-20,311

County Thomas

NW SW NE Sec 28 Twp 9S Rge 33W East West  
(location)

3630 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

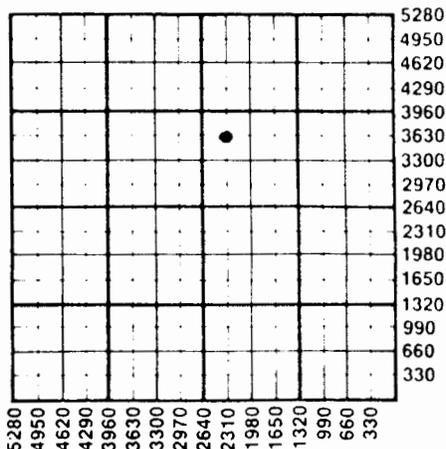
Lease Name HERBEL Well# 1

Field Name HERBEL

Producing Formation Cherokee Sand

Elevation: Ground 3167 KB 3172

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and  
(Well) Ft. West From Southeast Corner of  
Sec Twp Rge East West

Surface Water 2640 Ft North From Southeast Corner and  
(Stream, Pond etc.) 2310 Ft West From Southeast Corner  
Sec 32 Twp 9S Rge 33 East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: > 1%  Disposal  
 Repressuring

Docket # none

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. Rules 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 Archie L. Follweiler  
Title President

CONSERVATION DIVISION  
Wichita, Kansas

Date

Subscribed and sworn to before me this day of

Donna C. Owens

OCT 3 1984

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)

Form ACO-1 (7-84)

State Geological Survey  
WICHITA BRANCH



28-9-33W  
330

69786

SIDE TWO

Operator Name Energy Exploration, Inc Lease Name Herbel Well# 1 SEC 28 TWP 9S RGE 33W  Ea  We:

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 4062-4108, 35-24-30-30, Rec. 80 muddy wtr., IFP 34-53, FFP 60-69, ISIP 1158, FSIP 1165, IHP 2009, FHP 1991, Temp. 116°F

DST #2 4170-4220, 35-60-60-60, Rec. 2900' muddy wtr., IFP 266-1030, FFP 1128-1310, ISIP 1318, FSIP 1323, IHP 2121, FHP 2086, Temp. 119°F

DST #3 4254-4302, 30-30-30-30, Rec. 30' oil spotted mud, IFP 51-51, FFP 61-67, ISIP 142, FSIP 103, IHP 2211, FHP 2201, Temp. 118°F

DST #4 4505-4530, 30-57-60-60, Rec. 420' mud, 120' oil spotted mud; no wtr 2% oil, IFP 38-317, FFP 310-325, ISIP 1067, FSIP 1057 IHP 2416, FHP 2354, Temp. 132°F

DST #5 4641-4665, 30-60-60-57, Rec. 130' of gas above fluid, 20' of clean oil; 31 gravity at 60', 40' of oil cut mud; 15% oil; 85% mud; no wtr., IFP 35-39, FFP 43-47, ISIP 191, FSIP 195, IHP 2448, FHP 2428, Temp. 135°F

DST #6 4685-4702, 30-60-60-60, Rec. 1010' of clean gassy oil; 36 gravity at 60', 190' of 30% oil; 40% mud; 30% gas, IFP 43-249, FFP 290-466, ISIP 1051, FSIP 990, IHP 2461, FHP 2428, Temp. 143°F

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, Heebner, Lansing, Stark, Marmaton, Pawnee, Fort Scott, Cherokee, Johnson, Mississippi.

CASING RECORD table with columns: Purpose of string, size hole drilled, size casing set, weight lbs/ft., setting depth, type of cement, # sacks used, type and percent additives.

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record tables.

TUBING RECORD and production data table with columns: Date of First Production, Producing method, Estimated Production Per 24 Hours, Oil, Gas, Water, Gas-Oil Ratio, Gravity.

METHOD OF COMPLETION:  vented,  open hole,  perforation,  other (specify)
PRODUCTION INTERVAL: 4686-4696
Disposition of gas:  vented,  sold,  used on lease
 Dually Completed,  Commingled