

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.)

OWWO: 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
Spud Date Date Reached TD Completion Date

4770
Total Depth PBD

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

API NO. 15 - 193-20,311-00-00

County Thomas

NW SW NE Sec 28 Twp 9S Rge 33W

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

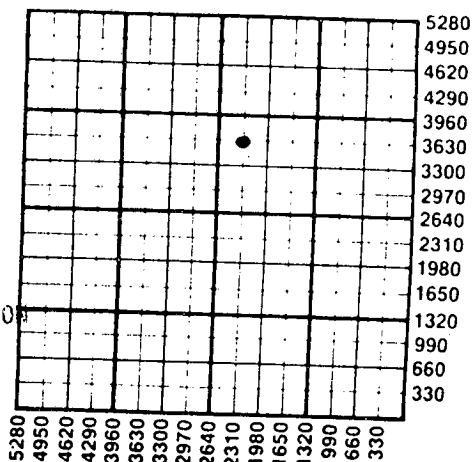
Lease Name HERBEL Well# 1

Field Name HERBEL

Producing Formation Cherokee Sand

Elevation: Ground 3167 KB 3172

Section Plat



RECEIVED
08-02-1984
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

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
none Repressuring

Docket #

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 or 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. Follwetter
Title President
Date 7-31-84

Subscribed and sworn to before me this 31st day of July 1984
Donna C. Owens
6-20-84

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)



Sec 28 Twp 9 Rge 33W

Operator Name Energy Exploration, Inc Lease Name Herbel Well# 1 SEC 28 TWP 9S RGE 33W East West

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

Name	Top	Bottom
Anhydrite	2705	+467
Heebner	4066	-894
Lansing	4106	-934
Stark	4321	-1149
Marmaton	4409	-1237
Pawnee	4508	-1336
Fort Scott	4572	-1400
Cherokee	4604	-1432
Johnson	4645	-1473
Mississippi	4707	-1535

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

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 1/4	8 5/8	20#	367.18	Common	240	2% gel, 3% cc
Production		4 1/2	10.5#	4768	50-50 poz	50	7.5# Gils.
					Common	200	1.7% DT29, 4# Gil
					Lit wt.	450	

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used) Depth

2	4686-4696	250 gals. 7 1/2% NE-HCL	4686-96
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TUBING RECORD

size 2 3/8 set at 4685' packer at N/A Liner Run Yes No

Date of First Production 7-24-84 Producing method flowing pumping gas lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
60 Bbls	TSTM	MCF	trace > 1% Bbls	N/A	38.6 @ 60'

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION

open hole perforation

other (specify)

Dually Completed.

Commingled

PRODUCTION INTERVAL

4686-4696