

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
address 1002 So. Broadway
City/State/Zip Wichita, KS 67201

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

Contractor: license # 5422
name Abercrombie Drilling, Inc.

Wellsite Geologist Kevin L. Howard
Phone (316) 267-7336

Designate Type of Completion
 New Well Re-Entry Workover

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

If 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
12/12/84 12/19/84 1-15-85
Spud Date Date Reached TD Completion Date
4070' N/A
Total Depth PBD

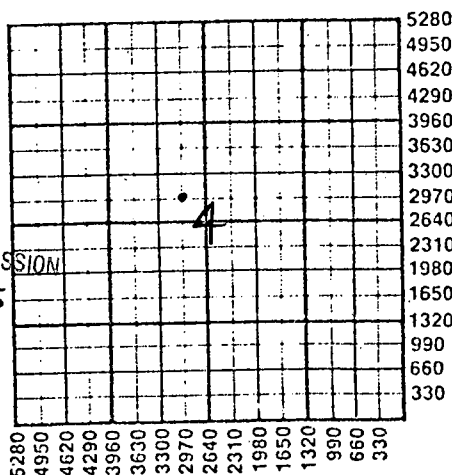
Amount of Surface Pipe Set and Cemented at 249, 82' @ 256, 82 feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 1769, 89 feet

If alternate 2 completion, cement circulated
from 1769, 89 feet depth to surface w/ 460 SX cmt

API NO. 15-195-21,626
County Trego
SE SE NW Sec 4 Twp 12S Rge 21 West
(location)
2970 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name J.D. Deutscher Well# 1
Field Name Zeman Ext.
Producing Formation Marmaton
Elevation: Ground 2324' KB 2329'

Section Plat



RECEIVED
5-13-1985
MAY 13 1985
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 25 Ft North From Southeast Corner and
(Stream, Pond etc.) 3168 Ft West From Southeast Corner
Sec 6 Twp 12S Rge 20 East West
 Other (explain)
(purchase from city, R.W.D.#)

Disposition of Produced Water: Disposal
 Repressuring
Docket # C 14,694

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.

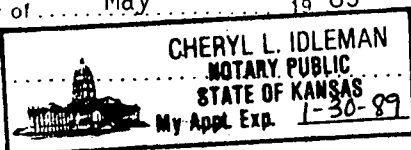
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

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 Joseph D. Mace
Title President Date 5-10-85

Subscribed and sworn to before me this 10th day of May 1985
Notary Public Cheryl L. Idleman
Date Commission Expires 1-30-89



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
(This form supercedes previous forms)

Sec 4, Twp 12, Rge 21

Operator Name Energy Exploration Lease Name J.D. DEUTSCHER Well # 1 SEC. 4 TWP. 12S RGE. 21 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

DST #1 3932-62, Packer failure

DST #2 3938-62, 30-54-60-60, Rec. 120' of mud, 480' of SOCM & W (8% wtr.; 14% oil; 78% mud), 180' of WOCM (22% oil; 52% gas; 16% wtr.; 10% mud), IFP 110-1312, FFP 238-447, ISIP 1292, FSIP 858, IHP 2060, FHP 2042, BHT 110 'F

Name Formation	Log	Top Sample	Bottom
Anhy	1772 +557	1768	+561
B/Anhy	1811 +518	1814	+515
Topeka	3382 -1053	3334	-1054
Heebner	3595 -1266	3597	-1268
Toronto	3615 -1286	3620	-1291
Lansing	3631 -1302	3631	-1302
BKC	3870 -1541	3872	-1543
Marmaton	3935 -1606	3931	-1602
Arbuckle	4054 -1725	4051	-1722
RTD		4070	-1741
LTD	4072 -1743		

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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#	256.82'	Common	175	2% gel, 3c.c.
Production	7 7/8"	4 1/2"	10 1/2#	4071'	50-50 poz.	50	
					Surefill	125	4# Gils.
					Lt. Wt.	460	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	3946 to 3951	500 gals. 7 1/2% mud acid;	
		1500 gals. 15% reg. non E. acid.	3946-51
		Fracked: 29,000# sand and 22,000 gal wtr.	

TUBING RECORD			
size	2 3/8"	set at	3943.32
packer at	N/A	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production	Producing method		
2-12-85	<input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		
Estimated Production Per 24 Hours	Oil	Gas	Water
	45	TSTM	68
	Bbls	MCF	Bbls
			Gas-Oil Ratio
			N/A
			Gravity
			33.8
			CFPB

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify) _____

PRODUCTION INTERVAL 3946-51

Dually Completed Commingled