

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 So. Broadway
City:State:Zip Wichita, KS 67211

Operator Contact Person Archie Follwieller
Phone 316-267-7336

Contractor: license # 5422
name Abercrombie Drilling, Inc.

Wellsite Geologist Steve Murphy/Kevin 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
10/01/84 10/09/84 10/10/84
Spud Date Date Reached TD Completion Date

4100! N/A
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 318.30! @ 325.30! 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

API NO. 15-195-21,599

County Trego

C NW SE SW Sec 4 Twp 12S Rge 21 East West

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

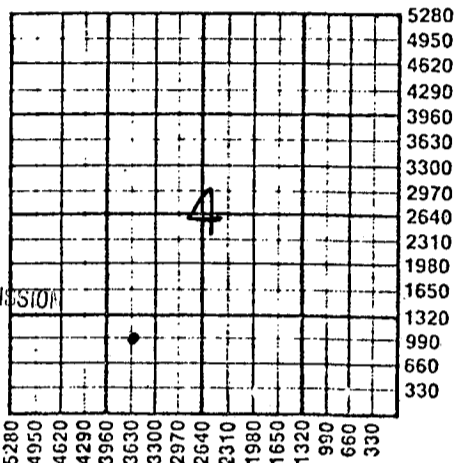
Lease Name DEUTSCHER V.K. Well# 1

Field Name Kohl West

Producing Formation Marmaton

Elevation: Ground 2336' KB 2341'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
5-13-1985
MAY 13 1985
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater 3005 Ft North From Southeast Corner and
1236 Ft. West From Southeast Corner of
Sec 9 Twp 12S Rge 22 East West
 Surface Water Ft North From Southeast Corner and
Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain)
(purchased 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.

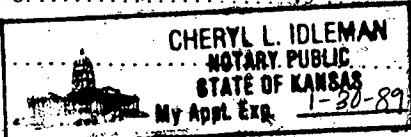
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

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)

Sec. 4 Twp 12S Rge 22W

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

DST #1 3696-3728, 30-60-30-27, Rec. 60' of mud; Chl. 30000 PPM, IFP 49-49, FFP 60-80, ISIP 858, FSIP 691, IHP 1924, FHP 1863, BHT 112 'F

DST #2 3956-3980, 30-60-60-57, Rec. 310' of mud cut oil; 20% mud; 80% oil, 186' of sli. oil sptd. mdy. wtr.; less than 1%, 124' of muddy wtr.; Chl. 44000 PPM IFP 57-120, FFP 170-230, ISIP 353, FSIP 822, IHP 2111, FHP 2023, BHT 116 'F

DST #3 4014-4035, 30-27-30-18, Rec. 10' of mud; Chl. 28000 PPM, IFP 54-105, FFP 50-55, ISIP 377, FSIP 55, IHP 2102, FHP 2052, BHT 110 'F

DST #4 4034-4054, 30-30-30-33, Rec. 10' of mud; Chl. 30000 PPM, IFP 58-58, FFP 58-57, ISIP 58, FSIP 57, IHP 2100, FHP 2094, BHT 117 'F

FORMATION TOPS

Sample:

Anhydrite	1784	(+557)
Topeka	3401	(-1060)
Heebner	3614	(-1273)
Toronto	3628	(-1287)
Lansing	3648	(-1307)
BKC	3891	(-1550)
Marm. (Paw)	3951	(-1610)
Arbuckle	4021	(-1681)

Log:

Anhydrite	1786	(+555)
Topeka	3398	(-1057)
Heebner	3613	(-1272)
Toronto	3634	(-1293)
Lansing	3648	(-1307)
BKC	3891	(-1550)
Marm. (Paw.)	3954	(-1613)
Arbuckle	4026	(-1685)

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 Production	12 1/4"	8 5/8"	20#	325.30'	Common	200	2% gel, 3% cc
	7 7/8"	4 1/2"	10 1/2#	4099'	50-50 poz	50	2% gel, 7 1/2% Gil
					Surefill	125	
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	3972 to 78			500 gals. 15% F.E. Acid			3972-78
				Frac well w/19,700 gals. Purdel & 16,500# 20/40 & 6500# 12/20 sand			
TUBING RECORD				Liner Run			
size 2 3/8" set at 3998' packer at N/A				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
12-01-84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	35 Bbls	TSTM MCF	100 Bbls	N/A CFPB	33.3		

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION: open hole perforation other (specify)

PRODUCTION INTERVAL: 3972-78

Dually Completed Commingled