

SIDE ONE

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
City/State/Zip Wichita, KS 67202

Purchaser Koch Oil Company

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
Spud Date 12-3-85 Date Reached TD 12-10-85 Completion Date 12-10-85
Total Depth 4103 PBTD N/A

Amount of Surface Pipe Set and Cemented at 263 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1816 feet
If alternate 2 completion, cement circulated from 1816 feet depth to surface 525 SX cmt

API NO. 15-105-21,814
County Trego
SE SW NW Sec. 4 Twp. 12S Rge. 21 East West

2970 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

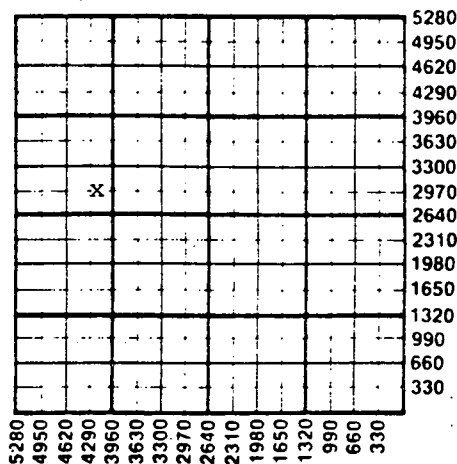
Lease Name C. M. South Well # 1

Field Name Kohl West Zema

Producing Formation Marmaton (Pawnee Lime)

Elevation: Ground 2328' KB 2333'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #
 Groundwater 2640 Ft North from Southeast Corner (Well) 1980 Ft West from Southeast Corner of Sec 8 Twp 12S Rge 22 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. #)

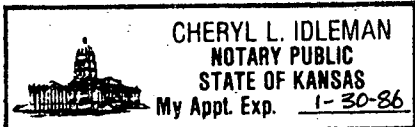
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

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 3-3-86

Subscribed and sworn to before me this 3rd day of March 1986
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 (7-84)

MAR 4 1986
3-4-1986
CONSERVATION DIVISION
Wichita, Kansas

Sec 4 Twp 12S Rge 21W

SIDE TWO

Operator Name Energy Exploration, Inc. Lease Name..... C. M. South Well #..... 1.....

Sec..... 4..... Twp..... 12S..... Rge..... 21..... East West County..... Trego.....

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 3945-63 (Pawnee) 30-60-60-60, Rec. 1' FO, 15' HOCM (20% O) 60' OCM (10% O) Chl. 20,000, IHP 2080, IFP 10-10, ISIP 378, FFP 32-32, FSIP 367, FHP 2015, Temp. 115°F.

Name	Top	Bottom
Formation	Sample	Log
Anhydrite	1774 +559	1777 +556
Topeka	3388 -1055	3390 -1057
Heebner	3605 -1272	3608 -1275
Toronto	3624 -1291	3630 -1297
Lansing	3640 -1307	3644 -1311
BKC	3873 -1540	3878 -1546
Pawnee	3940 -1607	3943 -1610
Arbuckle	4011 -1678	4044 -1711
RTD	4100	
LTD		4103

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 1/2"	8 5/8"	20#	262.5'	common	190	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5#	4097.45'	50/50 poz. surefill	50	2% gel, 7 1/2# gel.
2nd stage				1816'	50/50 poz.	525	6% gel
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	3953-3960			500 gals. 15% mud acid Frac w/21,500 gals. purge w/175 sx. 20/40 & 105 sx. 12/20 sand.			3953-60
TUBING RECORD							
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
2 3/8"	3915'	N/A					
Date of First Production		Producing Method					
2-25-86		<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	Gas-Oil Ratio	Gravity	
30 Bbls		TSTMCF		50 Bbls	N/A CFPB	34	

METHOD OF COMPLETION, Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3953-60
 Used on Lease Dually Completed
 Commingled