

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 So. Broadway
City/State/Zip Wichita, KS 67202

Purchaser Koch Oil Company

Operator Contact Person Brad 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
- Gas
- Dry
- SWD
- Inj
- Other (Core, Water Supply etc.)
- Temp Abd
- Delayed Comp.

If OWNO: old well info as follows:

Operator N/A
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary
- Air Rotary
- Cable

6/15/85 6/24/85 7-17-85
Spud Date Date Reached TD Completion Date
4090' N/A
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 259' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1786 feet
If alternate 2 completion, cement circulated from 1786 feet depth to surface 425' SX cmt

API NO. 15-195-21,734

County Trego

SE NE NW Sec. 4 Twp. 12S Rge. 21 East West

4290 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

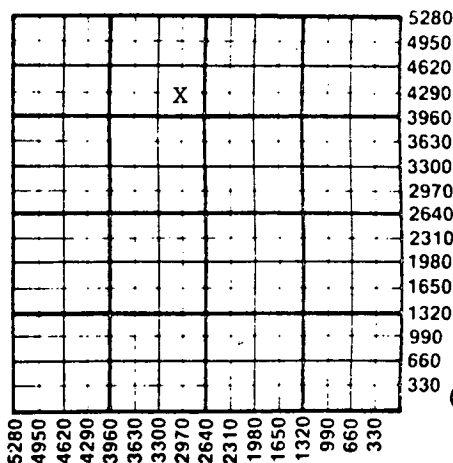
Lease Name J.D. North Well # 1

Field Name Zema

Producing Formation Marmaton and Arbuckle

Elevation: Ground 2329' KB 2334'

Section Plat



RCVD 08-13-85

WATER SUPPLY INFORMATION

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

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

Source of Water:
Division of Water Resources Permit #
 Groundwater... Ft North from Southeast Corner (Well) ... Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water.. 25' Ft North from Southeast Corner (Stream, pond etc) 3168' Ft West from Southeast Corner Sec 6 Twp 12S Rge 20 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 8-12-85

Subscribed and sworn to before me this 12th day of August 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. 21W

SIDE TWO

Operator Name Energy Exploration Lease Name J.D. North Well
 Sec. 4 Twp. 12S Rge. 21 County Trego

East
 West

RECEIVED
 STATE CORPORATION COMMISSION
 AUG 13 1985
 8-13-1985
 CONSERVATION DIVISION
 Wichita, Kansas

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 3944-3962 (Paw.) Rec. 125' GCMO (80% O), IHP 2118, IFP 45-57, ISIP 399, FFP 57-68, FSIP 342, FHP 2073, Temp. 120'.
 DST #2 3981-3996 (Arb.) Rec. 35' GIP, 85' MCO (65% O), IHP 2141, IFP 68-68, ISIP 1177, FFP 68-79, FSIP 1121, Temp. 122'.
 DST #3 3996-4008 (Arb.) Rec. 40' GIP, 140' GCMO (75% O) IHP 2135, IFP 77-77, ISIP 1194, FHP 2101, Temp. 122'.
 DST #4 4007-4038 (Arb.) Rec. 3' CO, 117' O & WCM (5% O; 10% W; 85% M) Chl. 25,000, IHP 2158, IFP 79-79, ISIP 1240, FFP 101-124, FSIP 1217, Temp. 123'.

Name	Top	Bottom
Formation	Sample	Log
Anhydrite	N/C	
Topeka	3387 -1053	3383 -1049
Heebner	3603 -1269	3600 -1266
Toronto	3623 -1289	3618 -1284
Lansing	3638 -1304	3636 -1302
Pawnee	3940 -1606	3935 -1601
Arbuckle	3978 -1644	3978 -1644
TD	4090	4088

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#	259'	Common	190	2% gel, 3% c.c.
Production top stage	7 7/8"	4 1/2"	10 1/2#	4089'	Surefill	175	
				1786'	50-50 poz.	425	50-50 poz., 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	3944 to 3952			500 gals. 15% MCA acid frac w/22,300 gals. purgel		3944-52	
2	3994 to 3998			18500# 20/40 & 9900# 12/20 sd		3994-98	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
7-20-85		<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	Gas-Oil Ratio	Gravity	
40 Bbls		TSTM MCF	50 Bbls	TSTM CFPB	37.9		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3944-52
 Used on Lease 3994-98
 Dually Completed
 Commingled