

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 D. Lehl  
Phone (316) 267-7336

Contractor: License # 5422  
Name Abercrombie Drilling, Inc.

Wellsite Geologist Ralph H. White  
Phone (316) 263-3081

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  
7/21/84 7/31/84 8/25/84  
Spud Date Date Reached TD Completion Date  
4680' 4634'  
Total Depth PBDT  
Wireline Log Rec'd 303.82  
Amount of Surface Pipe Set and Cemented at 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. 109-20,331  
County Logan  
SW SE SW Sec. 2 Twp. 11S Rge. 32  East  West

330' Ft North from Southeast Corner of Section  
3630' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

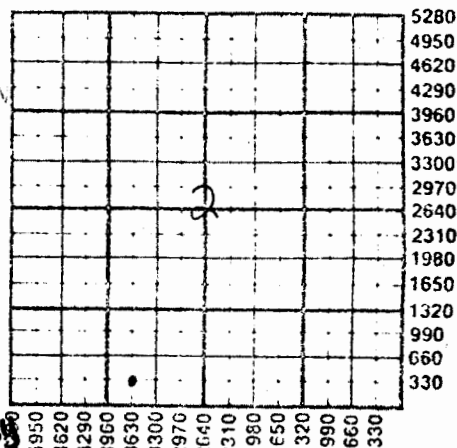
Lease Name HEMMERT UNIT Well # 1

Field Name Oakley Ext.

Producing Formation Lansing & Cherokee & Marmaton

Elevation: Ground 3045 KB 3050

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
MAY 3 1985  
CONSERVATION DIVISION  
Wichita Kansas

MAY 2 0 1985  
Side Geological Survey  
BRANCH 7  
WICHITA

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Reoppressuring  
Docket # C-17,180

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater 1320 Ft North from Southeast Corner  
(Well) 2970 Ft West from Southeast Corner of  
Sec 2 TWP 11S Rge 32  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. #)

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	15	N/A	40	N/A	38

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify)  Used on Lease  
N/A  Dually Completed  Confining

4604-14  
4371-74  
4242-68

100539

Operator Name Energy Exploration, Inc. Lease Name HEMMERT UNIT Well # 1

Sec. 2 Twp. 11S Rge. 32  East  West County Logan

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 4080-4105, 30-60-60-60, Rec. 240' of mdy. wtr., IFP 47-58, FFP 94-124, ISIP 952, FSIP 945, IHP 2130, FHP 2079, BHT 122 'F

DST #2 4120-4142, 30-30-30-27, Rec. 15' mud, IFP 34-34, FFP 34-42, ISIP 34, FSIP 935, IHP 2095, FHP 2065, BHT 122 'F

DST #3 4227-4275, 30-60-60-60, Rec. 182' of sli. gas cut mud, w/very few oil spks., IFP 31-79, FFP 106-130, ISIP 358, FSIP 350, IHP 2186, FHP 2174, BHT 124 'F

DST #4 4345-4375, 30-60-60-60, Rec. 135' of hvy. oil & gas cut mud; 55% oil; 25% wtr., 1140' of gassy salt wtr., IFP 95-288, FFP 377-578, ISIP 1226, FSIP 1191, IHP 2234, FHP 2213, BHT 125 'F

Name	Top	Bottom
<b>FORMATION TOPS</b>		
Log:		Sample:
Anhydrite	2568 +482	
Heebner	4020 -970	4020 '0
Toronto	4046 -996	4045 -995
Lansing	4062 -1012	4060 -1010
BKC	4339 -1289	
Marmton	4369 -1319	4362 -1312
Pawnee	4466 -1416	4460 -1410
Cherokee	4561 -1511	4559 '09
Johnson	4602 -1552	4600 -1550
Mississippi	4658 -1608	4656 -1606

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 1/2"	8 5/8"	20#	303.82'	60-40	225	2% gal. 3%
Production	7 7/8"	4 1/2"	10 1/2#	4676'	Mud Flush	500 gal.	
					Common	150	2-29

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4637-43	250 gal. 7 1/2% INS. acid	4637-43
2	4604-14	500 gal. 15% INS. acid &	4604-14
2	4371-74	1500 gal. 15% INS. w/Serisol	4371-74
4	4266-68, 4246-48, 4242-44	250 gal. INS	4242-68

TUBING RECORD Size 2 3/8 Set At 4631 Packer at N/A Liner Run  Yes  No

Date of First Production September 6, 1984 Producing Method  Flowing  Pumping  Gas Lift  Other (explain)

Date Commission Expires 1-30-89

CHEVRI I INIFMAN