

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 # 4689  
Name Thomas C. Lutz  
Address P. O. Drawer AR  
City/State/Zip Shell Knob, Missouri 65747

Purchaser Koch Oil Wichita, Ks

Operator Contact Person H.L. Maddox Tom Lutz  
Phone 316-653-4178 417-858-6628

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist Rod. Tremblay  
Phone 2916 27th St., Great Bend, Ks.

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  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary  Air Rotary  Cable

8/7/86 8/14/86 ..10-1-86..  
Spud Date Date Reached TD Completion Date  
4,570'  
Total Depth PBDT

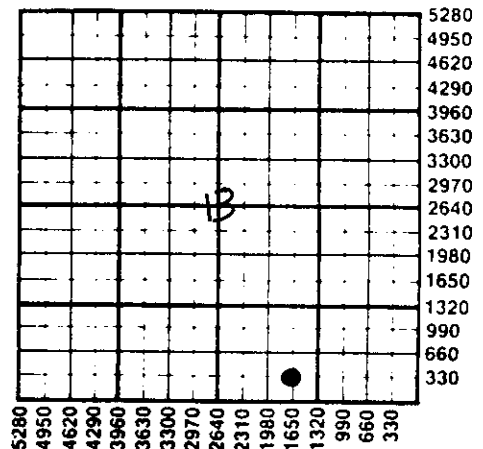
Amount of Surface Pipe Set and Cemented at 323 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from 1800 feet depth to surface @ 300sx cmt

API NO. 15-135-23,038-5000  
County Ness  
SE/4 SW/4 SE/4 13 16S 26W  East  
Sec.....Twp.....Rge.....  West

330 Ft North from Southeast Corner of Section  
1650 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Evel Well # 1  
Field Name Arnold Arnold SW  
Producing Formation Mississippi

Elevation: Ground 2559 KB 2564  
Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

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 4600 Ft North from Southeast Corner  
(Stream, pond etc) 2500 Ft West from Southeast Corner  
Sec 24 Twp 16S Rge 26  East  West  
Ermon McKinnis, Utica, Ks. 67584  
 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 Thomas C. Lutz

Title OWNER/OPERATOR Date 12/10/86

STATE OF MISSOURI  
COUNTY OF BARRY  
Subscribed and sworn to before me this 10th day of DECEMBER 1986.  
Notary Public Barbara A. Williams  
Data Commission Expires NOVEMBER 7, 1987

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. 13, Twp. 16, Rge. 26W

Operator Name Thomas C. Lutz Lease Name Evel Well # 1

Sec. 13 Twp. 16S Rge. 26W  East  West County Ness

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 Open IF 45, FF 45.  
 Blow: Strong  
 Recovery, 315 gas in pipe,  
 165' clean gassy oil  
 300' gassy muddy oil  
 ( 10% gas, 75% oil, 15% water)  
 60" oil and gas cut mud  
 ( 30% oil, 30% water, 40% mud  
 less than 5% oil)  
 Pressures:  
 ISIP 1131 PSI ( 45)  
 FSIP 1045  
 IFP 64-117 psi  
 FFP 149-192 psi  
 HSH 2067-2148

Name	Top	Bottom
ANHYDRITE	1946	+618
HEEBNER	3841	-1277
TORONTO	3860	-1296
LANSING	3884	-1320
STARK	4126	-1562
BASE KANSAS CITY	4187	-1623
MARMATON	4223	-1659
PAWNEE	4319	-1755
FORT SCOTT	4391	-1827
CHEROKEE	4418	-1854
CONGLOMERATE	4463	-1899
MISSISSIPPI	4497	-1933
MISS DOLOMITE	4501	-1937
TR.T.D.	4570	-2006
L.T.D.	4571	-2007

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#	329'	60/40 Poz	200	2% Gel 3%CC
Production	7 7/8"	5 1/2"	14#	4,568'	EA2	200	20 Bbl Salt flush
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 per foot	4519-4521						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size		Set At		Packer at			
2 3/8		4540					
Date of First Production		Producing Method					
Oct 10-86		<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	
8		Bbls	MCF	16 Bbls	CFPB	38	

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease

Dually Completed  Commingled  
 DEC 19 1986  
 12-12-86  
 WICHITA, KANSAS