

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 # 9347
Name AMERICAN OIL OPERATIONS
Address 110 E. 28th
Hays, KS 67601
City/State/Zip

Purchaser

Operator Contact Person Gary Leiker
Phone 913-625-4494

Contractor: License # 5418
Name ALLEN DRILLING COMPANY

Wellsite Geologist Alan Downing
Phone

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If **OWNO**: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

10-14-86 10-20-86 10-21-86
Spud Date Date Reached TD Completion Date
3600
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1109 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
Cement Company Name
Invoice #

API NO. 15- 165-21,366-0000
County Rush
SW SW SE Sec. 1 Twp. 16 Rge. 18 East West

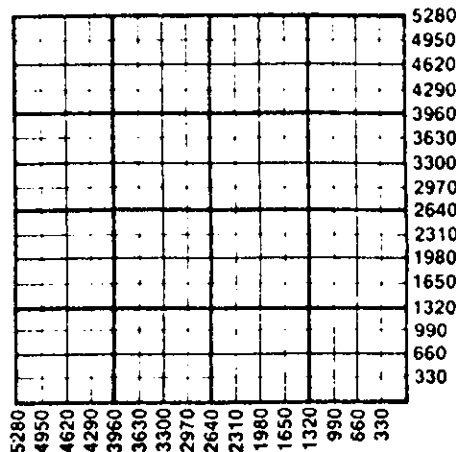
330 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Henry Leiker Well # 1

Field Name

Producing Formation LOGS: 1984 1970
Elevation: Ground 1973 KB

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 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 triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 Gary Leiker

Title Operator Date 11-15-86

Subscribed and sworn to before me this 15th day of NOVEMBER 1986
Notary Public

Date Commission Expires 11-1-89

NOTARY PUBLIC - State of Kansas
ROBERT L. WOLF
My Appt. Exp. 11-1-89

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)
DEC 2 1986
CONSERVATION DIVISION
Wichita, Kansas

Sec. 16, Rge. 18, Twp. 16

Operator Name AMERICAN OIL OPERATIONS Lease Name Henry Leiker Well # 1

Sec. 1 Twp. 16 Rge. 18 East West County Rush

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
Anthracite	1099	1133
Tobacco	2972	
Heebner	3205	
Lake	3256	
BKC	3476	TD 3600
Sand	3530	
Arbuckle	3535	

Dst #1 3130-3150-30,30,90,60
 IHM 1547, FIF 11, FFP 11, ISP 44
 SFP 22, SFF 22, FSP 166, FHMS 44
 1 1/2" Blow Building to 7" Rec 10' mud
 with SPB et tool Flushed to 2nd opening

Dst #2 3402-3420 30,30 IHM 1754, FIF 22
 FFP 22, weak surface blow died in 25 min
 Flushed tool and opening.

Dst #3 3474-3531 45, 45, 45, 45, IHP 1780,
 FFP 53, ISP 102, FFP 61, FSP 86, FHP 175
 Rec 150' 995. 35' oil + 995 cut mud 15% oil,
 10% 995, 75% mud.

Dst #4 3475-3533, 30-30-30-30-
 FHP 1771, IFP 53, ICP 88, FFP 63,
 FSP 79, FHP 175, Rec 180' 995.
 60' oil + 995 cut mud 10% oil 10% 995
 80% mud.

Dst #5 3256-3280. 30-30-10, Rec
 150' mud, IHM 1684, IFP 108,
 ISP 57, FFP 129, FSP 0, FHP 1645
 Very weak Blow 1st 5 min, Rec 1645
 weak Blow died in 20 min Flushed tool

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	1109	60/40	425	2% gel 13% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		

METHOD OF COMPLETION

Production Interval

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