

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 # 5151  
Name Gear Petro. Co., Inc.  
Address 300 Sutton Place  
City/State/Zip Wichita, KS 67202

Purchaser N/A

Operator Contact Person Jim Thatcher  
Phone 316-265-3351

Contractor: License # 5302  
Name Red Tiger Drlg. Co.

Wellsite Geologist Jim Crisler  
Phone 316-684-3132

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  
11-24-84 12-06-84 12-06-84  
Spud Date Date Reached TD Completion Date  
4158'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 206 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. 15-191-21-751-00-00

County SUMNER

NE NW NE Sec 18 Twp 30 Rge 2  East  West

4950 Ft North from Southeast Corner of Section  
1650 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name Har-El Well # 1-18

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 1346' KB 1351'

Section Plat

Section Plat grid with coordinates 5280 to 330 on both axes.

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 03 1985  
1-3-1985  
OIL & GAS CONSERVATION DIVISION  
Wichita, Kansas

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: Clyde Lighter, Clearwater, KS  
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 200 Ft North from Southeast Corner (Stream, pond etc) 41.00 Ft West from Southeast Corner Sec 34 Twp 29 Rge 2  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 Dan A. Bowles  
Title Exploration Mgr. Date 12-28-84

Subscribed and sworn to before me this 28th day of December 1984  
Notary Public Mercedith K. Crisp  
Date Commission Expires 3-30-85

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

CONFIDENTIAL

MERCEDITH K. CRISP  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 2-20-85

Sec. 18 Twp. 30 Rge. 2

SIDE TWO

Operator Name ..... Gear Petroleum Co., Inc. ..... Lease Name..... Har-E1 ..... Well #..... 1-18

Sec..... 18 ..... Twp..... 30 ..... Rge..... 2 .....  East  West ..... County..... Sumner County, KS .....

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 3213-3240'. 30-60-45-90. Weak inc to strong blow - 1st open. 2nd open - strong blow throughout. Rec. 880' GIP; 210' O&GCM, (20% oil). IFP 60-71, FFP 91-101; ISIP 953, FSIP 963.  
 DST #2 3720-3755'. (Miss) 30-60-45-90. Rec. 868' GIP; 125' GW w/scum oil. IFP 54-54, FFP 65-65; ISIP 304, FSIP 330.  
 DST #3 4110-4118'. 30-60-45-90. Strong blow building. Rec. 185' gassy oil; 250' VSMFO; 250' GCMW SO; 310' GCW w/show oil; 250' SW. IFP 50-265, FFP 315-510; ISIP 1355, FSIP 1355.

Name	Top	Bottom
KC	3100	-1549
Stark	3220	-1669
Miss	3722	-2171
Kinderhook	4058	-2507
Simpson Sd	4122	-2571

**RELEASED**  
**MAY 23 1986**  
**FROM CONFIDENTIAL**

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"	23 1/2	266'	common	180	2% Gel, 3% 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  Open Hole  Perforation  
 Other (Specify) .....  
 Dually Completed  Conmingled  
 Disposition of gas:  Vented  Sold  Used on Lease