

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 # 8653
Name Petroleum Technologies, Inc.
Address 3535 Broadway # C
City/State/Zip Kansas City, MO 64111

Purchaser N/A

Operator Contact Person Alan J. Seaton
Phone 816 531-6904

Contractor: License # 5829
Name Aldebaran Drilling Co., Inc.

Wellsite Geologist David Barker
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 OWMO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

7-21-84 8-7-84 9-21-84
Spud Date Date Reached TD Completion Date

4527KB 4400 KB
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 355 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. 15-007-21 887-00-00
County Barber
C NW SE Sec 13 Twp 30S Rge 12 East West

1980 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

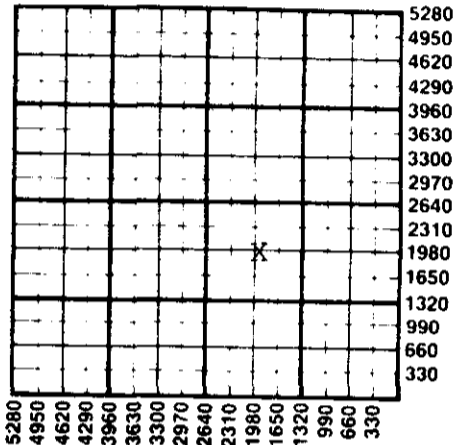
Lease Name Heublein Well # 13-1

Field Name

Producing Formation

Elevation: Ground 1838 KB 1847

Section Plat



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:
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 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 [Signature]
Title Vice President, Operations Date 9-23-86

ST of MO. COUNTY OF JACKSON

Subscribed and sworn to before me this 24 day of September 1986.
Notary Public [Signature]

Date Commission Expires Sept 27, 1989

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

9-26-86

2020

Sec 13 Twp 30S Rge 12W

SIDE TWO

Operator Name Petroleum Technologies, Inc. Lease Name Heublein Well # 13-1

Sec. 13 Twp. 30S Rge. 12 East West County Barber

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 Interval 4443 - 4452
 IHSP 2299
 FHSP 2260
 ISIP 805
 FSIP 984
 IFP 50-50
 FFP 60-60

Name	Top	Bottom
Omega Sh	2770	-923
stotler Im	2988	-1141
Heebner Sh	3740	-1893
Lansing	3921	-2074
Stark Sh	4249	-2402
Hush Sh	4286	-2439
B/KC	4352	-2505
Miss	4444	-2597

Time 30-60-45-90, 1st open 1" blow building to bottom of bucket in 5 min, 2nd open blow bottom of bucket immediately. Recovered 60' of slightly gas and oil cut mud, and 60' of slightly gas and oil cut salt water.

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	24	355	OWC	250	.2%gal. 3%cc.
Production	7-7/8	5-1/2	14	4524	OWC	100	.1%gal. 1%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	
2	4254 - 4256			A - 200gal MCA			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" 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).....						
Dry							
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