

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 # 5601  
name Associated Petroleum Consultants, Inc.  
address Suite 600 - One Main Place  
Wichita, KS 67202-1399  
City/State/Zip

Operator Contact Person Jerri Castor  
Phone (316) 265-9385

Contractor: license # 5867  
name Heartland Drilling, Inc.

Wellsite Geologist Paul C. Caragianis  
Phone (316) 265-9385

PURCHASER Delhi Gas Pipeline

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  
Spud Date April 24, 1984 Date Reached TD April 28, 1984 Completion Date Shut in  
Total Depth 2592' PBSD  
Amount of Surface Pipe Set and Cemented at 250' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set feet  
Alternate #1 used  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-15-095-21,448-0000  
County Kingman  
S/2 NW NE (location) Sec 12 Twp 29S Rge 10 XX West

4290 Ft North from Southeast Corner of Section  
1980 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

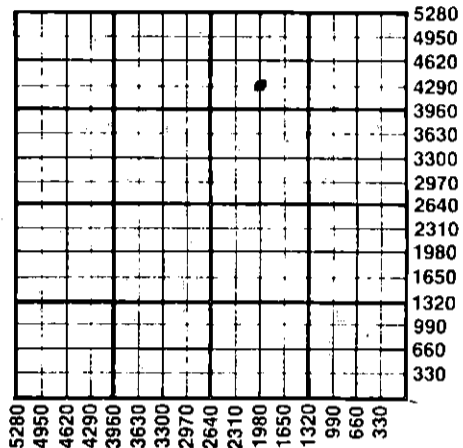
Lease Name Hoover Well# 2

Field Name Not Named KOMAREK

Producing Formation Indian Cave

Elevation: Ground 1740 KB 1750

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater (Well) Ft North From Southeast Corner and Ft. West From Southeast Corner of Sec Twp Rge East West  
 Surface Water 0 Ft North From Southeast Corner and 330 Ft West From Southeast Corner Sec 9 Twp 29S Rge 10 East West  
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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. Rules 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 Jerri Castor  
Title Jerri Castor, Acting Agent Date 7/27/84

Subscribed and sworn to before me this 27th day of July 19 84

Notary Public Sherry Wayman  
Date Commission Expires 10-29-85

RECEIVED  
STATE CORPORATION COMMISSION  
AUG 03 1984  
CONSERVATION DIVISION  
Wichita, Kansas

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. 12, Twp 29S, Rge. 10W

SHERRY WAYMAN  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 10-29-85

Operator Name Assoc. Petro. Consult. Lease Name Hoover Well# 2 SEC 12 TWP 29S RGE 10  East  West

**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

0 - 279 Sand  
 279 - 348 Red Bed  
 348 - 670 Red Rock & Beds  
 670 - 1510 Red Bed  
 1510 - 2592 Shale

Name	Top	Bottom
Onaga Shale	2505	(-755)
Indian Cave Sand	2523	(-773)
Wabaunsee	2553	(-803)
RTD	2592	(-842)
LTD	2598	(-848)

2523 - 36 (Welex) Indian Cave Sandstone, white, to light gray, fine-medium grained, poor to fair sorted subangular grains, calcareous cement in part, micaceous. The sand had good to very good intergranular porosity. There was a 30 unit gas kick on the hot wire.

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#	250'	Common	250	3% CaCl
Production	7 7/8"	4 1/2"	10.5#	2597'	Surfill	75	5# gil/sk, 18% salt, 2% gel
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	2523 - 28			None			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		size 2 3/8" set at 2523' packer at					
Producing method		<input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input checked="" type="checkbox"/> Other (explain) ... Shut in					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	Shut in MCF	Bbls	CFPB			

Disposition of gas:  vented  open hole  perforation  other (specify) \_\_\_\_\_  
 sold  used on lease

METHOD OF COMPLETION  
 Dually Completed.  
 Commingled

PRODUCTION INTERVAL

HOOPER PETROLEUM COMPANY  
 1000 WEST 10TH AVENUE  
 DENVER, COLORADO 80202