

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
City/State/Zip Wichita, KS 67202

Purchaser None

Operator Contact Person Phyllis Buchanan
Phone 265-9385

Contractor: License # 5867
Name Heartland Drilling, Inc.

Wellsite Geologist John D. Howard, Jr.
Phone 265-9386

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 12/27/84 Date Reached TD 1/2/85 Completion Date 1/3/85

Total Depth 4765' PBTB

Amount of Surface Pipe Set and Cemented at 623 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
Alternate 1 used.

API NO. 15-151-21 525-00-00

County Pratt

SE NE SW Sec. 13 Twp. 29 Rge. 13 East West

1650' Ft North from Southeast Corner of Section
2970' Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

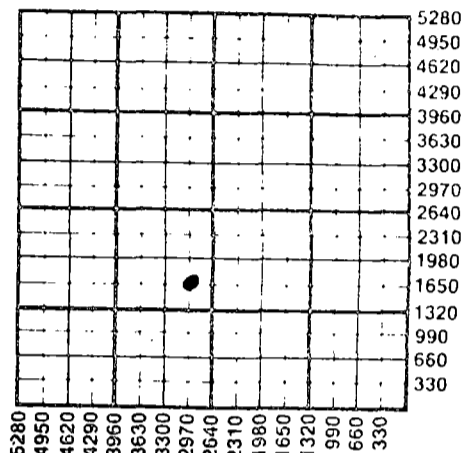
Lease Name Vernon Hirt Well # 1

Field Name Wildcat

Producing Formation None

Elevation: Ground 1918' KB 1928'

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 # T84-1012

Groundwater 1650' Ft North from Southeast Corner (Well) 2970' Ft West from Southeast Corner of Sec 13 Twp 29 Rge 13 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 Phyllis Buchanan
Title Office Manager Date 2/6/85

Subscribed and sworn to before me this 6 day of February 1985
Notary Public Jerri Castor
Date Commission Expires 10-11-88

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)

RECEIVED STATE CORPORATION COMMISSION

Form ACO-1 (7-84)

JERRI CASTOR NOTARY PUBLIC STATE OF KANSAS My Appt. Exp. 10-11-88

FEB 08 1985 02-08-85 CONSERVATION DIVISION Wichita, Kansas

Sec. 13 Twp. 29 Rge. 13

SIDE TWO

Operator Name ... Associated Petroleum Consultants, Inc. Lease Name ... Vernon Hirt ... Well # ... 1

Sec. ... 13 ... Twp. ... 29S ... Rge. ... 13 ... East West County ... Pratt

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

FROM	TO	DESCRIPTION	Name	Top	Bottom
0	1018	Red Bed	Indian Cave		2838 (-910)
1120	4315	Shale	Wabaunsee		2874 (-946)
4315	4640	Lime & Shale	Howard		3160 (-1232)
4640		Simpson Sand	Topeka		3332 (-1404)
4640	4721	Lime & Shale	Heebner		3719 (-1791)
			Toronto		3737 (-1809)
			Douglas Shale		3753 (-1825)
			Douglas Sandstone		3775 (-1847)
			Iatan		3901 (-1973)
			Lansing Kansas City		3917 (-1989)
			Hushpuckney		4235 (-2307)
			Base Kansas City		4303 (-2375)
			Mississippian		4396 (-2468)
			Kinderhook		4439 (-2511)
			Viola		4493 (-2565)
			Simpson Shale		4610 (-2682)
			Simpson Sandstone		4625 (-2697)
			Arbuckle		4714 (-2786)

DST #1 4598 - 4640
 op60 si60 op60 si60
 Strong blow decreasing to fair blow at end of second opening.
 Recovered: 270' slightly oil specked mud
 1570' gassy saltwater
 IHH 2219 psi FHH 2191 psi
 IFP 366-873 psi FFP 802 - 887 psi
 ICIP 887 psi FCIP 887 psi

RELEASED

MAY 29 1986

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

FROM CONFIDENTIAL

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 1/2"	8 5/8"	24#	623'	50-50 Pozmix	250	3% CaCl ₂ 2% Gel
.....
.....
.....

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
.....
.....
.....
.....

TUBING RECORD	Size	Set At	Packer at	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