

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 Kansas Gas Supply Co.

Operator Contact Person Steve Wisorsky
Phone 265-9386

Contractor: License # ..5867.....
Name Heartland Drilling, Inc.

Wellsite Geologist Paul Caragianis
Phone 265-9385

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

10/25/84 10/31/84 11/1/84
Spud Date Date Reached TD Completion Date
4825' 4792'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 219' 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. 15-007-21,949-0000

County Barber

NW SW NW Sec. 36 Twp. 34 Rge. 12 East West

3630 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

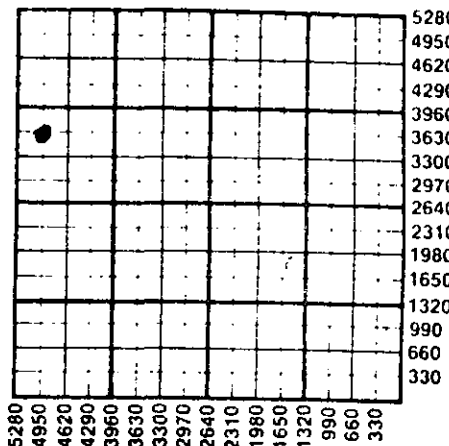
Lease Name Wetz Well # 4

Field Name Stranathan

Producing Formation Mississippian

Elevation: Ground 1420 KB 1430

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 # NA

Groundwater 2310 Ft North from Southeast Corner
(Well) 3300 Ft West from Southeast Corner of
Sec 8 Twp 35S Rge 12 East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Hauled water from Hardtner KS
(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 Phyllis Buchanan Date 2/20/85

Subscribed and sworn to before me this 20th day of February
1985

Notary Public JERRI CASTOR

Date Commission Expires 10-11-88

K.C.C. OFFICE USE ONLY

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

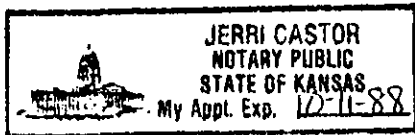
Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

RECEIVED

STATE CORPORATION COMMISSION

Form ACO-1 (7-84)



FEB 21 1985
2-21-85
CONSERVATION DIVISION
Wichita, Kansas

Sec. 34 Twp. 34 Rge. 12 W

SIDE TWO

Operator Name Associated Petroleum Consultants, Lease Name...Watz..... Well #. 4.....

Sec. 36... Twp. 34S..... 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

From	To	Description	Name	Top	Bottom
0	1087	Red Bed	Kansas City	4343	(-2913)
1087	4585	Shale	Stark Shale	4504	(-3074)
4585	4730	Lime & Shale	Hushpuckney Shale	4535	(-3105)
4730	4825	Lime	Base Kansas City	4582	(-3152)
			Marmaton	4598	(-3168)
			Cherokee Shale	4719	(-3289)
			Cherokee Sandstone	4750	(-3320)
			Mississippian Porosity	4776	(-3346)
			Mississippian Lime	4818	(-3388)

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	15"	10 3/4	40#	219'	Common	200	8% CaCl ₂ , 2% gel
Production	7.7/8"	4 1/2"	10.5#	4824'	HOWCO LIGHT	25	
					EA-2	100	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
4 SPF	4778 - 4782			500 gall. DSFE acid			
4 SPF	4786 - 4892			Frac. w/ 43,500 gallons, 52,000% sand			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size		Set At		Packer at			
2 3/8"		4776'					
Date of First Production		Producing Method					
11/27/84		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
63 Bbls			MCF	90 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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