

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 # 8625
name VAC Petroleum Co.
address 333 N. Rock Road, Suite 105

City/State/Zip Wichita, Kansas 67206

Operator Contact Person L.C. Harmon
Phone 316/685-0111

Contractor: license # 5829
name Aldebaran Drilling Co.

Wellsite Geologist Tom Williams
Phone 316/685-0111

PURCHASER Inland Crude Purchasing

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
11/26/84 12/01/84 02/23/85
Spud Date Date Reached TD Completion Date

3770 3570
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 294 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- 185-22,114-0000

County Stafford

C W/2 W/2 SE 22 22 12 East
(location) Sec Twp Rge X West

1320 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

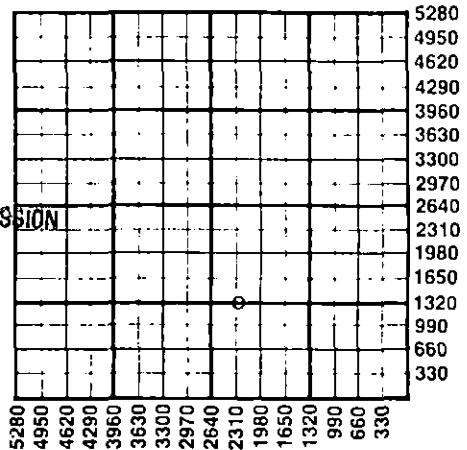
Lease Name Alpers Well# 5

Field Name Spangenberg South

Producing Formation Arbuckle

Elevation: Ground 1869 KB 1871

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
MAR 05 1985
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater... Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water... Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge 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.

L.C. Harmon

Signature *L.C. Harmon*

General Partner

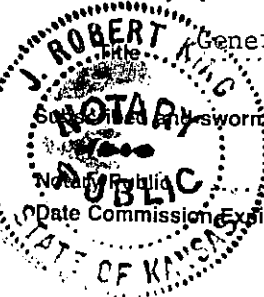
Date 2/27/85

Subscribed and sworn to before me this 27 day of February 19 85

Date Commission Expires 11/1/87

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. 22, Twp. 22, Rge. 12W



SIDE TWO

Operator Name VAC Petroleum Co. Lease Name Alpers Well# 5 SEC 22 TWP 22 RGE 12 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

Drill Stem Test #1: Interval 3625' to 3704'. Over 4' of Arbuckle Sand & 2' of Arbuckle Dolomite. Recovery of 2' free oil, 125' oil cut mud (15% oil), 240' gas in pipe. No water was recovered on test. Shut in pressures ranged from 932# to 879#, Flow pressures were 52-52# and 63-95#. Due to the pressures indicating possible "tightness" of the upper Arbuckle Dolomite, no water recovered on the test, and low bottom hole temperature (110o), it was decided to drill ahead and evaluate lower Arbuckle zones.

Name	Top	Bottom
Heebner	3163	(-1292)
Brown Lime	3293	(-1422)
Lansing	3318	(-1447)
Base/K.C.	3544	(-1673)
Viola Chert	3584	(-1713)
Simpson	3638	(-1767)
Arbuckle	3700	(-1829)

Very good drilling break and shows from 3706' to 3710'. Total depth at 3740'. Electric log run to TD and subsequent log analysis and calculations showed the lower Arbuckle zone to calculate for commercial recoveries of oil and did not show to be wet. The Arbuckle Sand also calculated positive. Hole was deepened to 3770 and pipe was run to further evaluate.

CASING RECORD <input 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	20#	294'	Common	235	2%gel, 3%CC
Production		2 3/8	10.5	3769'	Common	175	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
4	3707-08	Squeeze w/50 sx cement	
4	3698-3702	200 gal. FE	
2	3587-96	250 gal. 15% FE (D.S.) 2250 gal. SGA	
2	3958-3604	" " " "	
1	3513, 3494, 3486, 3469, 3392	5500 gal. 15% N.E.	

TUBING RECORD size 2-3/8" set at 3566.71 packer at				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)				
12/23/84					

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	70		1%		
	Bbls	MCF	Bbls	CFPB	

Disposition of gas: vented open hole perforation sold other (specify) used on lease Dually Completed. Commingled

PRODUCTION INTERVAL
 3392-3513

