

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 6225 E. Kellogg, Suite C
City/State/Zip Wichita, Kansas 67218

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

Contractor: license 5829
name Aldebaran Drilling Co.

Wellsite Geologist Jeff Burk
Phone 316-262-4132

PURCHASER Getty Crude Purchasing

Designate Type of Completion
 New Well Re-Entry

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

8/29/84 9/6/84 9/27/84
Spud Date Date Reached TD Completion Date

3823 3875
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 353 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. 15-185-22,077-0000
County Stafford
C, SW, SWNW Sec 2 Twp 23 Rge 13 West

3300 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

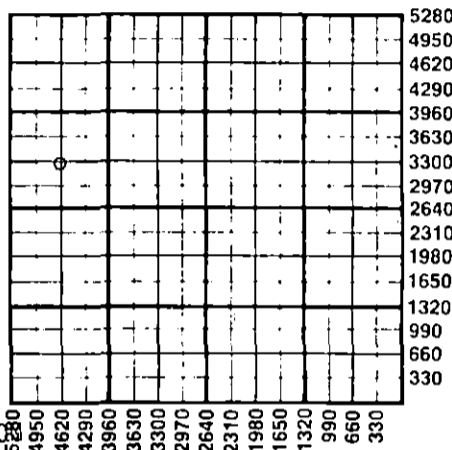
Lease Name Mawhirter Well# 2

Field Name Long Valley (Revival)

Producing Formation Kansas City

Elevation: Ground 1859 KB 1869

Section Plat



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STATE CORPORATION COMMISSION

OCT 17 1984

CONSERVATION DIVISION
Wichita, Kansas

1-14-85

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WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # 84-330

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

Surface Water 1980 Ft North From Southeast Corner and
(Stream, Pond etc.) 3300 Ft West From Southeast Corner
Sec 2 Twp 23 Rge 13 East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket # N/A

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 L.C. Harmon
General Partner Date 9/27/84

Subscribed and sworn to before me this 27th day of September 1984

Notary Public Robert King
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. 2, Twp. 23, Rge. 13 West

Operator Name VAC Petroleum Co. Lease Name Mawhirter Well# 2 SEC 2 TWP 23 RGE 13 East West

WELL LOG

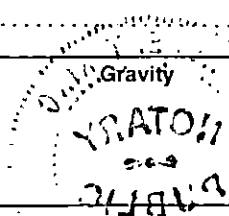
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, 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

		Name	Top	Bottom
Heebner	3250 (-1381)	Limestone		
Toronto	3272 (-1403)	Limestone-Shale		
Brown Lime	3388 (-1519)	Shale		
Lansing K.C.	3408 (-1539)	Shale		
Base K.C.	3651 (-1782)	Limestone		
Conglomerate	3704 (-1835)	Limestone		
Viola	3734 (-1865)	Shale - Chert		
Simpson	3773 (-1904)	Chert		
Arbuckle	3820 (-1951)	Shale - Chert		
TD	3823 (-1954)			

DST#1 - 3526-3585, recovered 320' gas in pipe, 50' ogcm, 10' hgc, oily mud, 120' mc gsy oil (26% mud, 38% oil, 28% gas, 8% water), weak blow to strong; DST#2 - 3589-3650, recovered 550' slight muddy gasy oil, 5' slight oil cut muddy water; DST#3 - 3765-3823, recovered 30' hogcm, 240' mcg oil, 240' sl mc gasy oil; 30-45-45; IHP=1993, IFP=62/218, ISIP=656, FFP=218/229, FSIP=333, FHP=1983 ; set 5 1/2" casing 15' off bottom.

CASING RECORD <input checked="" type="checkbox"/> new <input checked="" 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	7-7/8	8-5/8	24	332'	60/40 POZ.	300	
Production		5-1/2	14	3821.5	60/40 POZ.		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
	3792-3794			.250 gal. MA			
	3780-3782			1500 lbs. sand			
	3598-3604			.350 gal. MA			
TUBING RECORD					Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production		size set at 3620' packer at					
Producing method		<input type="checkbox"/> flowing <input checked="" 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		
	50	0	10				
	Bbls	MCF	Bbls	CFPB			

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

PRODUCTION INTERVAL