

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 - Mike Feil
Phone 316-262-4132

PURCHASER NA

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
9/7/84 9/14/84 9/27/84
Spud Date Date Reached TD Completion Date

3930
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 300' kb 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, 076-0000

County Stafford

C, W/2, SW, NW Sec 2 Twp 23 Rge 13 West

4950 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

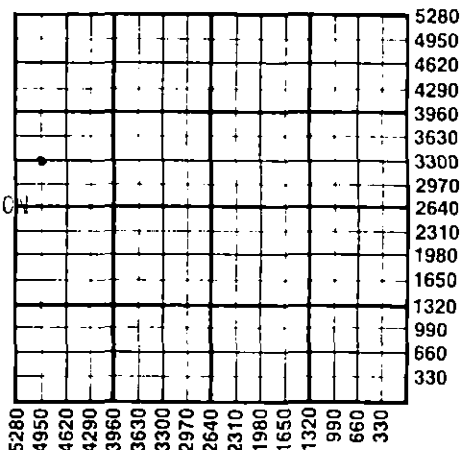
Lease Name Mawhirter Well# 3

Field Name Long Valley

Producing Formation NA

Elevation: Ground 1859' KB 1869'

Section Plat



10-9-84
RECEIVED
STATE CORPORATION COMMISSION
OCT 09 1984

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 2 Twp 23 Rge 13 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 #

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 2 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 hereon are complete and correct to the best of my knowledge.

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

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

Notary Public
Date Commission Expires 1-1-87

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# 3 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

Heebner 3255 (-1386)
 Toronto 3276 (-1407)
 Douglas 3294 (-1425)
 Brown Lime 3393 (-1524)
 Lansing/K.C. 3410 (-1541)
 Base K.C. 3652 (-1781)
 Conglomerate 3706 (-1837)
 Viola 3737 (-1868)
 Simpson 3774 (-1905)
 Arbuckle 3821 (-1952)
 TD 3930 (-2061)

Name	Top	Bottom
Shale - Red Bed	0	405
Shale	405	725
Anhydrite	725	755
Line-Shale	755	3930

DST#1 - 3532-3584, received 60' mud with oil specks, weak blow, died in 20 mins.; DST#2 - 3626-3646, received 10' mud, weak blow, died in 10 mins.; DST#3 - 3772-3830, received 1990' salt water with scummy oil; IFP=116/423 FFP=444/826 ISIP=1293 FSIP=1293 BHT=122 IHP=1959 FHP=1931; due to lack of zonal development in Arbuckle it was decided to convert this test hole to a disposal, approx. 100' of Arbuckle was cut until circulation was lost, set 5 1/2" casing 28' off bottom.

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	7-7/8	8-5/8		300'	60/40. POZ	325	
Production		5-1/2		3900'	60/40. POZ	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)	

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size	set at	packer at			

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	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION
 open hole perforation other (specify) _____

Dually Completed. Commingled

PRODUCTION INTERVAL
