

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 # 5816
name Gulf Oil Corporation
address P.O. Box 12116
City/State/Zip Oklahoma City, OK 73157

Operator Contact Person Jim Marshall
Phone (405) 949-7000

Contractor: license # 5146
name Rains & Williamson Oil Co., Inc.

Wellsite Geologist Bob Rector
Phone (405) 949-7000

PURCHASER Gas = ANR Pipeline Corp. (*)

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
11/13/84 11/22/84 12/11/84
Spud Date Date Reached TD Completion Date

4800' 4750'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 599 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

(*) OIL = Koch Oil Co.

API NO. 15 - 097-21076 - 60-00

County Kiowa

NE NE NE Sec 19 Twp 29S Rge 18 East West

4865 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

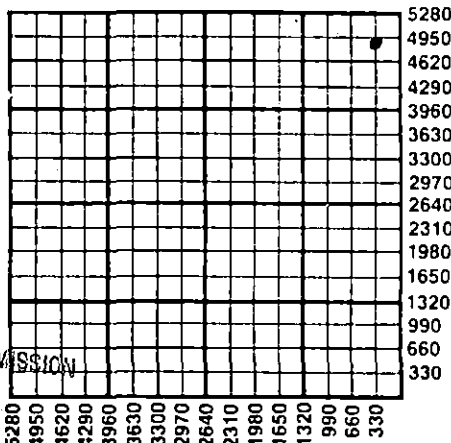
Lease Name Nichols Well# 3-19

Field Name Nichols

Producing Formation Kansas City (Dennis)

Elevation: Ground 2296 KB 2305
DF 2304

Section Plat



RECEIVED
STATE CORPORATION COMMISSION

JAN 08 1985

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water: 1-8-85
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 # Pending

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 Dorretta Moore - Dorretta Moore

Title Senior Clerk Date 12/31/84

Subscribed and sworn to before me this 31 day of December 19 84

Notary Public Patricia A. Wonderly
Date Commission Expires 01-31-87

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KOC SWD/Rep NGPA
 KGS Plug Other (Specify)

Stamp: 1985 Jan 8

SIDE TWO

Operator Name Gulf Oil Corporation Lease Name..... Nichols Well #..... 3-19
 Sec..... 19 Twp..... 29S Rge..... 18 East West
 County..... Kiowa

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

Formation Name	Depth	Subsea
Heebner	4180	-1875
Douglas	4214	-1909
Brown Im	4355	-2050
Lansing	4363	-2058
Iola	4543	-2238
Dennis	4635	-2330
Clay & Sand	600	
Sand & Redbed	1386	
Shale & Lime	2155	
Lime & Shale	2545	
Shale	2785	
Lime	3030	
Lime & Shale	3298	
Shale & Lime	3485	
Lime	3544	
Lime & Shale	3717	
Shale & Lime	3920	
Lime & Shale	4227	
Shale & Lime	4390	
Lime & Shale	4703	
Shale & Lime	4800	

TOC = 2360'

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	12-1/4"	8-5/8"	14	599	H	200	16% gel, 3% salt
					H	100	2% cc and 1/4# celoflake
Production	7-7/8"	5-1/2"	15.5	4799	H	200	3% KCL & 1/4# celoflake
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	4635 - 4638			250 gals 15% MCA at 1/2 BPM at 200 psi.			4635-38
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
12/11/84		<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		
	31 Bbls	40 MCF	2 Bbls	1290.32 CFPB			

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify)
 PRODUCTION INTERVAL: Kansas City (Dennis) 4635 - 4638