

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 Permian 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
3-25-85 4-2-85 5-26-85
Spud Date Date Reached TD Completion Date
4810' 4435'
Total Depth PBD
Amount of Surface Pipe Set and Cemented at 609 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

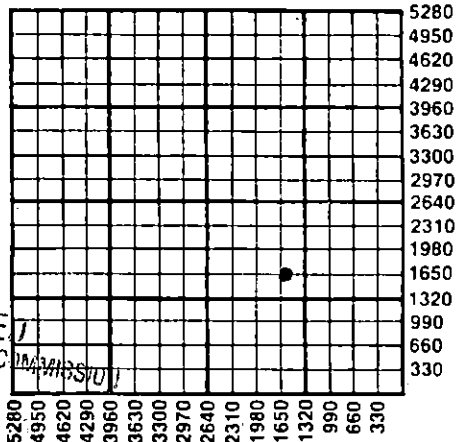
API NO. 15-097-21117-00-00
County Kiowa
SE NW SE
(location) Sec 19 Twp 29S Rge 18 East West
1650 Ft North from Southeast Corner of Section
1600 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Koehn Well# 4-19

Field Name Nichols

Producing Formation Lansing Limestone

Elevation: Ground 2251 KB 2260
DF. 2259
Section Plat



RECEIVED
STATE CORPORATION COMMISSION
OCT 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... 1650 Ft North From Southeast Corner and
(Stream, Pond etc.) 1600 Ft West From Southeast Corner
Sec 19 Twp 29S Rge 18 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 Trish Hambright Trish Hambright
Title Accounting Specialist Date 7-1-85

Subscribed and sworn to before me this 1st day of July 19 85

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

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. 19 Twp. 29S Rge. 18 W

SIDE TWO

Operator Name Gulf Oil Corporation Lease Name Koehn Well # 4-19
 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	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<table border="1"> <thead> <tr> <th colspan="2">Formation Description</th> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Log</td> <td><input checked="" type="checkbox"/> Sample</td> <td>Shale & Lime</td> <td>0'</td> <td>1480'</td> </tr> <tr> <td></td> <td></td> <td>Shale, Sand, Lime</td> <td>1480'</td> <td>2600'</td> </tr> <tr> <td></td> <td></td> <td>Shale & Lime</td> <td>2600'</td> <td>4810'</td> </tr> <tr> <td></td> <td></td> <td>Rotary total depth</td> <td>4810'</td> <td></td> </tr> </tbody> </table>	Formation Description		Name	Top	Bottom	<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample	Shale & Lime	0'	1480'			Shale, Sand, Lime	1480'	2600'			Shale & Lime	2600'	4810'			Rotary total depth	4810'	
Formation Description		Name		Top	Bottom																							
<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample	Shale & Lime		0'	1480'																							
		Shale, Sand, Lime	1480'	2600'																								
		Shale & Lime	2600'	4810'																								
		Rotary total depth	4810'																									
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No																										
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No																										
<u>Log Tops</u>	<u>Depth</u>	<u>Subsea</u>																										
Heebner Sh	4138	(-1878)																										
Toronto Im	4144	(-1884)																										
Douglas Sh	4168	(-1908)																										
Brown Im	4319	(-2059)																										
Lansing	4332	(-2072)																										
Iola Im	4504	(-2244)																										
Dennis Im	4603	(-2343)																										
Swope	4653	(-2393)																										
Hertha	4706	(-2446)																										
Marmaton	4760	(-2500)																										

CIBP @ 4445' w/10' cmt. on top.

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"	24#	609'	'A' HGS	300	2 cc
Production	7.5/8"	5.1/2"	15.5#	4810'	A	500	16% gel + 3% salt + .7 HR-7 + 1% Halad

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
	*See attached		

TUBING RECORD size <u>2 3/8"</u> set at <u>4391"</u> packer at <u>--</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production <u>5-26-85</u>	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 <u>20</u> Bbls Gas <u>50</u> MCF Water <u>30</u> Bbls Gas-Oil Ratio <u>2500</u> Gravity <u>41.6° API at 60°</u>

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify)

Dually Completed. Commingled

PRODUCTION INTERVAL Lansing Limestone
4366' - 4379'

API NO. 15 - .097-21117.....

CountyKiowa.....

.SE... .NW... .SE... Sec. 19... Twp. 29S... Rge. 18... East West

.1650.... Ft North from Southeast Corner of Section
.1600.... Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease NameKoehn..... Well# 4-19...

Field NameNichols.....

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot | specify footage of each interval perforated | (amount and kind of material used) | Depth

shots per foot	PERFORATION RECORD specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
4	Dennis Limestone	500 gal 15% HCL, 10 gal Fe1A +50# Fe-2 +10# Ferrcheck + 1 gal Cla Sta -2 +3 gal Low surf 259. 1000 gal Mod 202 +20# Ferrcheck + 6 gal Low Surf 259, flshd w/19 bbl 2% KCL wtr + cla Sta II. 4000 gal Mod 202 w/40 gal CRA 22, 20 gal Low Surf 259, 2 gal. Cla Sta II, 70# Ferrcheck. 2000 gal Mod 202 w/10 gal Low Surf 259, 1 gal Cla Sta II, 35# Ferrcheck. Flsh with 2750 gal 2% KCL wtr w/3 gal Cla Sta II.	4606'-4610'
4	Iola Limestone	500 gals 15% HCL + 10 gal Fe-1A +50# Fe-2 +10# Ferrcheck +1 gal Cla Sta + 3 gal Low-Surf.	4509'-4514'
2	Lansing	750 gal 15% HCL +15 gal Fe-1A + #75 Fe-2 +15# Ferrcheck + 2 gal Cla Sta +5% Low-Surf 259. 1000 gal Mod 202 + 35# Ferrcheck +10 gal Low Surf 259, 210 gal 20# KCL gel'd wtr + 50# TLC -20 + 1/2 gal Cla-Sta 25 pcr, 1000 gal Mod 202 acid w/19 bbls 2% KCL + 2 gal Cla Sta II.	4366'-4379'

RECEIVED
STATE CORPORATION COMMISSION
MAY 05 1957
CONSERVATION DIVISION
Wichita, Kansas