

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 097-211170001 ORIGINAL

Operator: License # 3273

Name: Herman L. Loeb

Address P. O. Box 524

City/State/Zip Lawrenceville, IL 62439

Purchaser: Texaco

Operator Contact Person: George A. Payne

Phone (812) 853-3813

Contractor: Name: Pratt Well Service

License: (workover contractor)

Wellsite Geologist: none

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Herman L. Loeb

Well Name: Koehn Oil Unit #4-19

Comp. Date 4/8/95 Old Total Depth 4810

Deepening Re-perf. Conv. to Inj. (SWD)
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. D-27,070

3/28/95 4/2/85 4/8/95
~~SEE~~ Date of START Date Reached TD Completion Date of
OF WORKOVER WORKOVER

County Kiowa

- SE - NW - SE Sec. 19 Twp. 29S Rge. 18 E/W

1650 Feet from S/N (circle one) Line of Section

1600 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Koehn Oil Unit Well # 4-19

Field Name Nichols

Producing Formation Dennis (oil wells)

Elevation: Ground 2251 KB 2260

Total Depth 4810 PBTD 4565

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 II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK JN 12-22-95
(Data must be collected from the Reserve Pit)
workover - no pit

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 George A. Payne
Title Petroleum Engineer Date 4/19/95

Subscribed and sworn to before me this 19th day of April, 19 95.

Notary Public Nancy L. Dempsey

Date Commission Expires 12-18-96

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Form ACO-1 (7-91)

STATE RECEIVED
KANSAS CORPORATION COMMISSION
APR 21 1995
CONSERVATION DIVISION
WICHITA, KANSAS

4-21-95

SIDE TWO

Operator Name Herman L. Loeb Lease Name Koehn Oil Unit Well # 4-19
 Sec. 19 Twp. 29S Rge. 18 East County Kiowa
 West

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Tops reported on original completion report, copy attached.	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

List All E.Logs Run: No new logs run. All logs should have been submitted by the original operator, Gulf Oil Corp.

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% CaCl
Production	7 7/8"	5 1/2"	15.5	4810'	A	500	*
* 200 sk w/ 16% gel, 3% salt, 0.7% HR-7 & 300 sk w/ 1% Halad-9.							

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2/ft	4366-4379' Lansing	No new treatments	
4/ft	4508-4514' Iola	" " "	
Bridge plug	w/ cement on top 4565-4575'		
4/ft	4605-4610' Dennis	" " "	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	4327'	4330'		
Date of First, Resumed Production, SWD or Inj. waiting on final approval			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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, submit ACO-18.) Other (Specify) _____

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

API NO. 15-097-21117 ORIGINAL

County Kiowa
SE NW SE Sec 19 Twp 29S Rge 18 East West
(Location)

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 PBTD

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 SX cmt

RECEIVED
STATE CORPORATION COMMISSION
APR 21 1985
CONSERVATION DIVISION
WICHITA, KANSAS

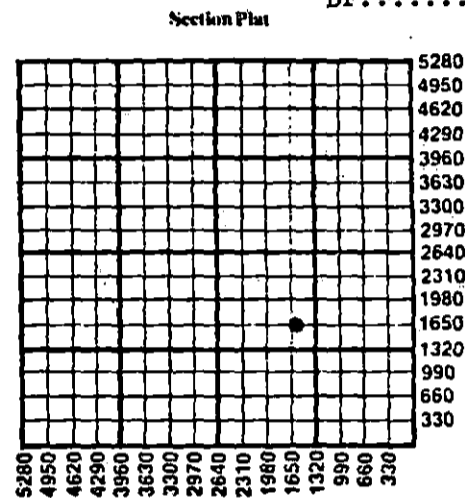
1650 Ft North from Southeast Corner of Section
1600 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Koehn Well# 4-19

Field Name Nichols

Producing Formation Lansing Limestone

Elevation: Ground 2251 KB 2260
DF. 2259



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner
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 82-3-1 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)

Operator Name Gulf Oil Corporation Lease Name Koehn Well # 4-19
 Sec. 19 Twp. 29S Rgs. 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.

Log Tops	Depth	Subsea	Drill Stem Tests Taken		Formation Description	
			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample
Heebner Sh	4138	(-1878)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Shale & Lime	0' 1480'
Toronto Im	4144	(-1884)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Shale, Sand, Lime	1480' 2600'
Douglas Sh	4168	(-1908)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Shale & Lime	2600' 4810'
Brown Im	4319	(-2059)			Rotary total depth	4810'
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 Production	12 1/4"	8 5/8"	24#	609'	'A' HGS	300	2 cc
	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 2 3/8"	set at 4391"	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)		
5-26-85			
Estimated Production Per 24 Hours	Oil	Gas	Water
	20 Bbls	50 MCF	30 Bbls
			Gas-Oil Ratio 2500 CFPB
			Gravity 41.6° API at 60°

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify)

PRODUCTION INTERVAL Lansing Limestone
4366' - 4379'

Dually Completed. Commingled

ORIGINAL

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

CountyIowa.....

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	Depth
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	
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# TIC -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'