

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 # name address City/State/Zip

Operator Contact Person Phone

Contractor: license # name

Wellsite Geologist Phone

PURCHASER Mobil Oil Corp.

Designate Type of Completion

Oil Gas Dry SWD Inj Other Temp Abd Delayed Comp.

If OWWO: old well info as follows: Operator Well Name Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at

Multiple Stage Cementing Collar Used?

If Yes, Show Depth Set

If alternate 2 completion, cement circulated from

API NO. 15 065-22097-00-00

County Graham

E/2 NW SW Sec 7 Twp 10S Rge 24W

1980 Ft North from Southeast Corner of Section 4290 Ft West from Southeast Corner of Section

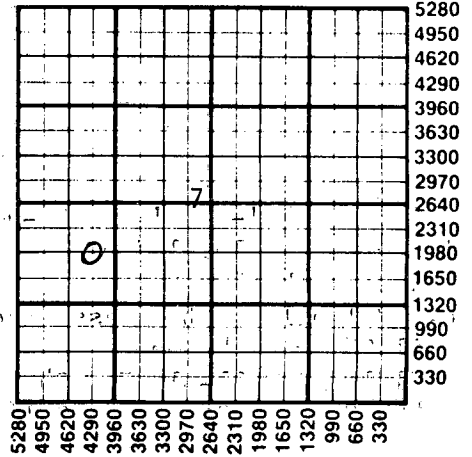
Lease Name Richmeier Well# 3

Field Name Riedel SW

Producing Formation LKC

Elevation: Ground 2457 KB 2462

Section Plat



WATER SUPPLY INFORMATION

Source of Water: Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and Ft. West From Southeast Corner of

Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner

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...

Information on side two of this form will be held confidential for a period of 12 months if requested in writing...

One copy of all wireline logs and drillers time log shall be attached with this form.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with...

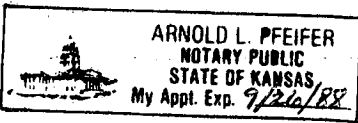
Signature Lloyd J. Pfeifer

Title Production For. Eng. Date 12-26-85

Subscribed and sworn to before me this 26th day of December 19 85

Notary Public Arnold L. Pfeifer Date Commission Expires 9-26-88

K.C.C. OFFICE USE ONLY Letter of Confidentiality Attached Wireline Log Received Drillers Timelog Received Distribution KCC KGS SWD/Rep Plug NGPA Other



DEC 30 1985 ACO-1 (7-84) 12-30-1985

SIDE TWO

Operator Name T-L Energy Company Lease Name Richmeier Well# 3 SEC 7 TWP 10S RGE 24W 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

Sand & Shale	0	720
Shale & Sand	720	1655
Sand	1655	1855
Red Bed	1855	2093
Anhydrite	2093	2140
Shale & Shells	2140	2455
Shale	2455	3405
Shale & Lime	3405	3550
Lime	3550	3660
Shale & Lime	3660	3793
Lime	3793	4040

Name	Top	Bottom
Anhydrite	2094	
Howard	3348	
Topeka	3500	
Heebner	3716	
Toronto	3739	
Lansing	3753	
BKC	3980	
RTD	4040	

DT #1 3810'-3850' 20-40-30-45
 1st open weak blow 1 1/2"
 2nd open weak blow 2"
 Rec. 70' oil spotted gassy mud
 1% oil 25% gas 74% mud
 IHP 2101 IFP 31-31 ISP 349
 FFP 42-42 FSIP 338 FHP 2016

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	12-1/4"	8-5/8"	20#	216'	60/40 Poz.	85	2% gel, 3% C.C.
Production	7-7/8"	4-1/2"	10.5#	4020'	60/40 Poz.	370	2% gel, 3% C.C.

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	3948-3954	1000 gal. 15% inhibited Acid	3960
4	3926-3930	1000 gal. 15% inhibited Acid	3933
2	3908-3914	1000 gal. 15% inhibited Acid	3924
2	3886-3890	500 gal. 15% inhibited Acid	3894
2	3825-3830	1000 gal. 15% inhibited Acid	3835
2	3784-3788	500 gal. 15% inhibited Acid	3803

TUBING RECORD			
size 2 3/8	set at 3958	packer at none	Liner Run <input type="checkbox"/> Yes <input 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)			
	Oil	Gas	Water	Gas-Oil Ratio
Estimated Production Per 24 Hours	10 Bbls	MCF	25 Bbls	CFPB

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