

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 # 5770
name Reif Oil Operations
address Box 298
City/State/Zip Hoisington, KS 67544

Operator Contact Person Don Reif
Phone 316-653-7745

Contractor: license # 5671
name Revlin Drlg., Inc.

Wellsite Geologist Bruce Reed
Phone 262-3193

PURCHASER

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
7-5-84 7-12-84 7-12-84
Spud Date Date Reached TD Completion Date
3600 3420
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 840 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 - 009-23,611 0000

County Barton

SW 1/4 (location) Sec 7 Twp 16 Rge 12 East West

1890 Ft North from Southeast Corner of Section
3920 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

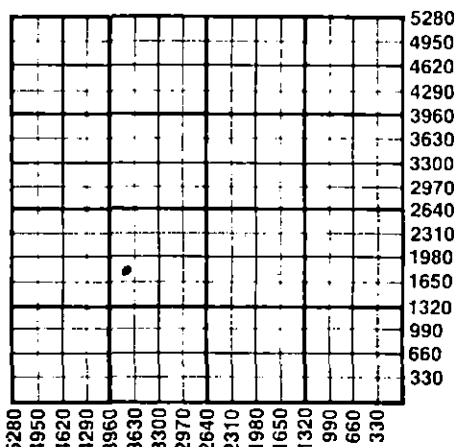
Lease Name Warta Well# 2

Field Name

Producing Formation Arbuckle

Elevation: Ground 1878 KB 1883

Section Plat



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 Ft North From Southeast Corner and
(Stream, Pond etc.) NA Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain) Farmer.....
(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 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 [Signature] Title [Title] Date 8-10-84

Subscribed and sworn to before me this 10th day of August 1984.

Notary Public [Signature] Date Commission Expires 3-11-87

RECEIVED
STATE CORPORATION COMMISSION
AUG 13 1984
08-13-84
CONSERVATION DIVISION
Wichita, Kansas

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)

NOTARY PUBLIC - State of Kansas
DORIS J. DENNING
My Appt. Exp. 3-11-87

Sec 7 Twp 16 Rge 12W

Operator Name Reif Oil Operations Lease Name Warta Well# 2 SEC 7 TWP 16 RGE 12 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. No electric logs run.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

			Name	Top	Bottom
Post Rock	00	60	Heebner (-1108)	2991	3011
Shale and Clay	60	833	Toronto (-1128)	3011	3022
Anhydrite	833	862	Douglas (-1141)	3022	3083
Shale and REdbed	862	1193	Brown Lime (-1200)	3083	3093
Shale	1193	2760	Lansing (-1210)	3093	3358
Shale and Lime	2760	3365	Arbuckle (-1475)	3358	3541
Arbuckle	3365	3600	Quartz (-1658)	3541	3586
			Mica Quartz (-1763)	3586	3600
			R.T.D.	3600	

DST #1 3334-65
 Hit bridge 13 stands off bottom

DST #2 3334-65
 30-30-30-30
 Strong blow
 Rec: 1300' water
 IFP: 152-335 FFP: 457-558
 ICIP: 761 FCIP: 811

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#	840	50-50 Poz.	350	2% gel
Long String.....	7 7/8	5 1/2	14#	3420	50-50 Poz.	150	10% Salt

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
		1000 gal. 28%, 1000 gal. 15%	3420-3600

TUBING RECORD size <u>2-7/8"</u> set at <u>3452</u> packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) <u>S.W.D.</u>
Estimated Production Per 24 Hours	Oil Bbls Gas MCF Water Bbls Gas-Oil Ratio CFPB Gravity

Disposition of gas: vented open hole perforation
 sold other (specify)
 used on lease

Dually Completed
 Commingled

PRODUCTION INTERVAL
 open hole from
 3420 to 3600