

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 # 5673
name W. L. Kirkman, Inc.
address P.O. Box 18611, 453 S. Webb Road
City/State/Zip Wichita, Kansas 67207

Operator Contact Person Wayne L. Kirkman
Phone (316) 685-5372

Contractor: license # 5829
name Aldebaran Drilling Co., Inc.

Wellsite Geologist Brian J. Kissick
Phone (316) 685-5372

PURCHASER Koch Oil Company - Oil
No Purchaser - Gas

Designate Type of Completion
New Well Re-Entry Workover

- Oil SWD Temp Abd
- Gas Shut-in 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
10-21-83 10-30-83 1-31-84
Spud Date Date Reached TD Completion Date

5890
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1395 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- 119-20,643-00-00

County Meade

100' S of C SW NE Sec 1 Twp 34S Rge 29 West

3200 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Borchers Well# 1

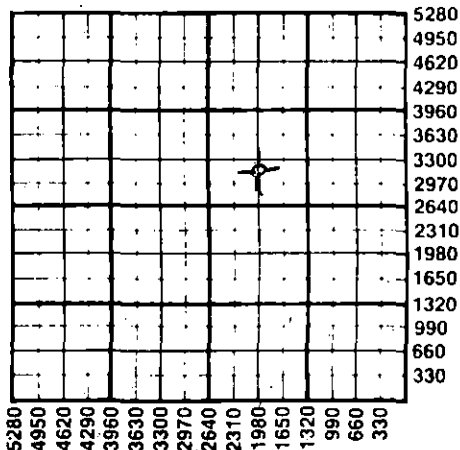
Field Name Mohler, East

Marmaton - Oil

Producing Formation Chester - Gas

Elevation: Ground 2438 KB 2446

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

Drilled by Sec 1 Twp 34S Rge 29W East West
T & W

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 # NA

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado 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.

W. L. Kirkman, Inc.

Signature [Signature] Wayne L. Kirkman

Title President Date 9-6-84

Subscribed and sworn to before me this 6th day of September 1984

Notary Public Kathleen G. Quinn
Date Commission Expires 3-22-87

STATE NOTARY PUBLIC
Sedwick County, Kansas
My Appt. Exp. 3-22-87

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. 1 Twp. 34S Rge. 29W

SIDE TWO

Operator Name W. L. Kirkman, Inc. Lease Name .. Borchers.. Well# 1.. SEC. 1.... TWP. 34S... RGE. 29 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

Name	Top	Bottom
Council Grove	3028	(-575)
Heebner	4342	(-1889)
Lansing	4508	(-2005)
Marmaton	5152	(-2699)
Cherokee	5362	(-2909)
Moorow	5687	(-3234)
Chester	5773	(-3320)

DST #1 5144-5194 30-60-10-15
 IFP 97-75#
 ISIP 1109#
 FFP 86-75#
 FSIP 118#

Recovery: 100' mud

5242-5245: Limestone, tan fine crystalline, oolitic to ooligastic, fair ooligastic porosity, poor inter-clastic porosity, good odor, fluorescence, fair show oil and gas.

RTD 5890
 LTD 5890

DST #2 5221-5250 30-60-30-60
 IFP 129-183
 ISIP 1484
 FFP 324-345
 HP 2559-2591

Recovery: 220' heavily oil 7 gas cut mud, 130' gassy muddy salt water, 400' gassy salt water.

5815-5820: limestone, white, fine crystalline, fossiliferous, fair interclastic porosity, slight show oil, slight show gas, good cut.

DST #3 5800-5856 30-60-60-90

IFP 97-86# gas to surface 24 min. on initial flow
 ISIP 1776#
 FFP 64-86# Guage: 12.7 MCF
 FSIP 1906#
 HP 2876-2843# Recovery: 200'M

Final flow guagr:
 177 MCF 5 minutes
 18.5 MCF 25 minutes
 29.9 MCF 60 minutes

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	1395	Liteweight	500	3% CC, 1/4# flo seal/sack
Production	7 7/8	4 1/2	10 1/2	5895	Common 60-40 POZ	200 125	2% gel, 3% CC, 15% salt, .75%
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record C-31			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4	5810-5820 Chester			150 sks. Common salt saturated cement			5354-5355
4	5240-5242 Marmaton			500 gals. of 15% acid w/10% alcohol			5810-5820
				4000 gals. of 28% regular acid			5810-5820
				500 gals. of 15% NE acid			5240-5242
TUBING RECORD				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)						
1-31-84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	5 Bbls	NA MCF	13% Bbls	NA CFPB	NA		

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify)
 Dually Completed.
 Commingled

PRODUCTION INTERVAL