

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 L. Kristopher Moore  
Phone (316) 685-5372

PURCHASER Koch Oil Company

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 D/FW oil & gas  
Well Name Pratt #1  
Comp. Date 9-7-78 Old Total Depth 4393

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

3-16-84 3-20-84 3-21-84  
Spud Date Date Reached TD Completion Date

4565  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 292 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 - .007-20,638-00-01

County Barber

SE NW NE Sec 18 Twp 31S Rge 13 West

4290 Ft North from Southeast Corner of Section  
1650 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

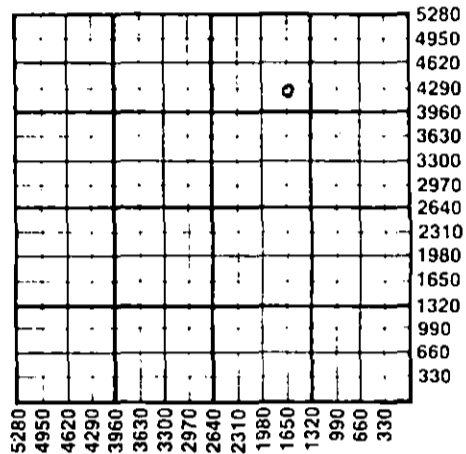
Lease Name Pratt owwo Well# 2

Field Name Lake City

Producing Formation Arbuckle

Elevation: Ground 1642 KB 1649

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # N/A

Groundwater Ft North From Southeast Corner and Ft. West From Southeast Corner of Sec Twp Rge East West

Surface Water N/A Ft North From Southeast Corner and (Stream/Pond/etc.) N/A Ft West From Southeast Corner Sec 18 Twp 31S Rge 13 East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

9-11-84

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 1200 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 under 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 OGS 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] Wayne L. Kirkman  
Title President Date 9-6-84

Subscribed and sworn to before me this 6th day of September 19 84

Notary Public Kathleen G. Quinn  
Date Commission Expires 87  
STATE NOTARY PUBLIC  
Sedgewick County, Kansas  
My Appt. Exp. 3-20-87

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 18 Twp 31S Rge 13W

SIDE TWO

Operator Name W. L. Kirkman, Inc. Lease Name Pratt Well# .2. SEC 18. TWP 31S. RGE 13.  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
Herrington	1897	(- 248)
Indian Cave	2660	(-1011)
Topeka	3249	(-1600)
Heebner	3590	(-1941)
Lansing	3751	(-2102)
Cherokee Shale	4241	(-2592)
Mississippian	4260	(-2611)
Kinderhook Shale	4292	(-2643)
Viola	4357	(-2708)
Simpson Shale	4470	(-2821)
Top Simpson Sand	4474	(-2825)
Arbuckle	4496	(-2847)

DST #1 Upper and Lower Simpson sand (4460-4515)  
 30-60-30-60  
 Blow: strong both flow periods, no gas to surface  
 Flow Pressures: 145-291, 374-395  
 Bottom Hole Pressure: 1287-1256  
 Hydrostatic Pressure: 2167-2104  
 BHT: 124°F  
 Recovery: 240' oil and gas cut mud (5% oil, 40% gas, 55% mud)  
 120' oil and gas cut muddy water (3% oil, 27% gas, 25% water, 45% mud)  
 610' gassy water (chlorides 68,000 ppm)

DST #2 Arbuckle (4509-4565) 30-60-30-60  
 Flow: strong blow 23" into first flow, strong final flow, no gas to surface  
 Flow Pressures: 93-135, 208-228  
 Bottom Hole Pressure: 1663-1663  
 Hydrostatic Pressure: 2188-2135  
 Bottom Hole Temp: 120°F  
 Recovery: 700' of gas in pipe  
 626' of froggy oil

4474-84: Top Simpson Sand  
 gray, fine angular, quartitic, hard, no porosity, no show although no oil show was noted in this upper sand, the fact that it was present at this particular drill site should no go overlooked. This zone could have commercial elsewhere on W. L. Kirkman's Lake City prospect acreage.

4563-65: Arbuckle  
 tan dolomite, fine to medium crystalline, sucrosic in part, good crystal development, seems to be a bit oolitic with crystal growth over casts, fair scattered pinpoint porosity, good inter crystalline and vuggy porosity, very good odor, good fluorescence, good show free oil.

4496-4510: Bottom Simpson Sand  
 20" minute circulation sample at 4515' contained a large amount of fine to med grained sand, sub-rounded, a few clusters of a dozen or so, slightly dolomitic cement, most clusters are clean and grains are clear, fair inter-granular porosity, slight show of free oil, bright fluorescence, no odor, friable.

(CONTINUED TO THE LEFT)

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 Production	7 7/8	8 5/8 5 1/2	14#	292 4564	60-40 POZ salt sat.	150	75% CFR-2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
	Open Hole Completion			180 gals. 15%			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		size 2 7/8 set at 4552.5 packer at		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	Gas	Water	Gas-Oil Ratio	Gravity		
35	Bbls	MCF	40 Bbls	CFPB			

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

PRODUCTION INTERVAL

4563