

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 67218

Operator Contact Person Wayne L. Kirkman  
Phone 685-5372

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

Site Geologist L. Kristopher Moore  
Phone 685-5372

PURCHASER KOCH OIL CO.  
KCC

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

4-3-85 4-15-85 4-29-85  
Spud Date Date Reached TD Completion Date

5300 5300 5150  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 547sks at 569 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 - 033-02-675  
County Comanche County, Kansas  
C N/2 S/2 (location) Sec 6 Twp 33S Rge 20 East West  
1980 Ft North from Southeast Corner of Section  
2640 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

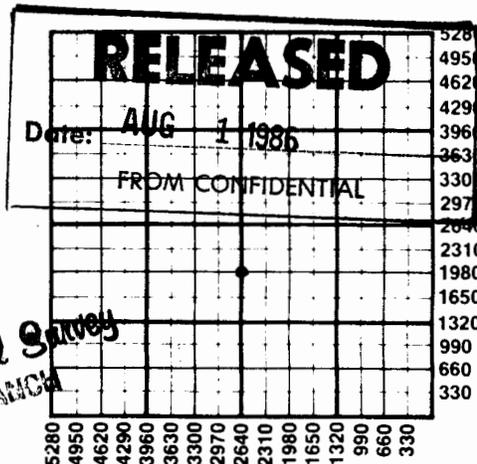
Lease Name Large Well# 1-6

Field Name

Producing Formation The Drum

Elevation: Ground 1886 KB 1895

Section Plat



CONFIDENTIAL  
AUG 15 1986  
KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

AUG 0 1 1985  
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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.) Ft West From Southeast Corner  
Sec Twp Rge East West

Other (explain) Water sold by Protection Stop & Shop  
(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.

7/29/85  
7-29-86  
KCC

**SIDE TWO**

Operator Name W. L. Kirkman, Inc. Lease Name Large Well# 1-6 SEC 6 TWP. 33S RGE. 20  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

DST # 1 Lansing "B" zone (4427-61) 30-60-30-60  
 ISIP: 1720 FSIP: 1720 IF: 597-1373 FF: 1422-1650  
 HYD: 2067-2057 BHT: 114°F Strong blow both flow periods. RECOVERED: 3, 120' slightly gas cut water. Chlorides 105,000 ppm Flow Rate: 30 bbls of fluid per hour.

DST # 2 The Drum (4615-4662) 30-60-30-60  
 ISIP: 1789 FSIP: 1769 IF: 152-567 FF: 637-886  
 HYD: 2336-2167 BHT: 115° Strong blow on 1st flow. Gas to surface on 2nd open, guaged 2360 CFGPD after 30 minutes. RECOVERED: 180' oil cut watery gassey mud (10% gas, 10% oil, 15% water, 65% mud). 420' gassey watery oil (70% oil, 10% gas, 20% water). 60' watery oil (50% oil, 50% water). 1350' of water with scum of oil on top. (Oil gravity 38).

Name	Top	Bottom
Anhydrite	901'	(-994)
Heebner	4197'	(-2302)
Lansing	4390'	(-2495)
Base of Dennis	4750'	(-2855)
Stark Shale	4785'	(-2890)
Cherokee Shale	5061'	(-3166)
Inola	5159'	(-3264)
Morrow Shale	5167'	(-3272)
Mississippi	5196'	(-3301)

<b>TUBING RECORD</b> size <u>2 7/8"</u> set at <u>4602</u> packer at <u>4602</u>		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) .....		
Estimated Production Per 24 Hours	Oil <u>40.00Bbls</u>	Gas <u>MCF</u>	Water <u>300.00 Bbls</u>
			Gas-Oil Ratio <u>CFPB</u>
			Gravity <u>38.9</u>

Disposition of gas:  vented  open hole  perforation  sold  other (specify) .....

used on lease

**PRODUCTION INTERVAL**

<b>CASING RECORD</b> <input type="checkbox"/> new <input checked="" 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
Production Surface	<u>7 7/8"</u> <u>12 1/4"</u>	<u>4 1/2</u> <u>8 5/8</u>	<u>10 1/2 #</u> <u>24</u>	<u>5285</u> <u>547</u>	<u>Skavenger</u> <u>Common</u>	<u>50 sks</u> <u>550</u>	<u>60/40 POZ,</u> <u>18% salt and</u> <u>3/4 of 1% CFR-2</u>

<b>PERFORATION RECORD</b>		<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
<u>4</u>	<u>Morrow Sand 5180-5184 w/ 3 3/8" jets</u>	<u>500 gal. 15% MCA</u>	<u>5180-5184</u>
<u>4</u>	<u>K.C. Zone 4637-39 w/ 3 3/8" jets</u>	<u>500 gal. 15% NE Acid</u>	<u>4637-39</u>

ALDEBARAN

453 SOUTH WEBB ROAD  
P.O. BOX 18611  
WICHITA, KANSAS 67207  
(316) 685-5372

6-33-20W



DRILLING CO. INC.

*Released*  
WELL LOG

WELL NAME: LARGE #1-6  
WELL LOCATION: C N/2 S/2  
SEC. 6-33S-20W, COMANCHE COUNTY  
COMMENCED: 4-3-85  
COMPLETED: 4-14-85

OPERATOR: W.L. KIRKMAN, INC.  
CONTRACTOR: ALDEBARAN DRILLING CO., INC.

**CONFIDENTIAL**

130 Jts. 8 5/8" 24 wt. set at  
CASING RECORD: 547', 550 sks common  
3% cc. 2% gel / 151 jts. 4 1/2"  
10 1/2 wt. used set at 5285',  
300 sks. (50 sks. 250 sks 40-40 18%  
salt, 3/4 of 1% 3FR2)

FORMATION:

*AUG 0 1 1985*  
*State Geological Survey*

FORMATION:	FROM:	TO:
Sand-Shale	0	569'
Shale	569'	569'
Sand-Shale	569'	1835'
Sand-Lime-Shale	1835'	2020'
Shale-Lime	2020'	5300'

*AUG 15 1985*  
KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

STATE OF KANSAS )  
COUNTY OF SEDGWICK) SS:

I CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF THE DRILLER'S LOG ON THE WELL DRILLED  
C N/2 S/2, SEC. 6-33S-20W, COMANCHE COUNTY, KANSAS TO THE BEST OF MY  
KNOWLEDGE AND BELIEF.

ALDEBARAN, DRILLING CO., INC.  
*Wayne L. Kirkman*  
WAYNE L. KIRKMAN  
PRESIDENT

DESCRIBED AND SWORN TO BEFORE ME THIS 18TH DAY OF APRIL, 1985

MY APPOINTMENT EXPIRES  
KATHLEEN G. QUINN  
NOTARY PUBLIC  
Sedwick County Kansas  
My Appt. Exp. 3-20-87

MARCH 20, 1987

*Kathleen G. Quinn*  
Kathleen G. Quinn  
NOTARY PUBLIC

*JUL 26 1985*