

RELEASED

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS

OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
FROM CONFIDENTIAL ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5363  
name BEREXCO INC.  
address 970 Fourth Financial Center  
City/State/Zip Wichita, KS. 67202

Operator Contact Person David Munro  
Phone (316) 265-3311

Contractor: license # 5147  
name BEREDCO INC.

Wellsite Geologist Mr. P. Sam Houston  
Phone (316) 262-1163

PURCHASER CENTRAL CRUDE

Designate Type of Completion  
☒ New Well ☐ Re-Entry

☒ Oil ☐ SWD  
☐ Gas ☐ Inj  
☐ 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

10/01/86 10/07/86 2/5/87  
Spud Date Date Reached TD Completion Date

4280' 4246'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 350' feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If Yes, Show Depth Set 1596' feet

If alternate 2 completion, cement circulated from 1596' feet depth to surface w/ 500 SX cmt

API NO. 15-195-21,876

County Trego

SW SW SE Sec 35 Twp 15S Rge 21 West

330 Ft North from Southeast Corner of Section  
2260 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

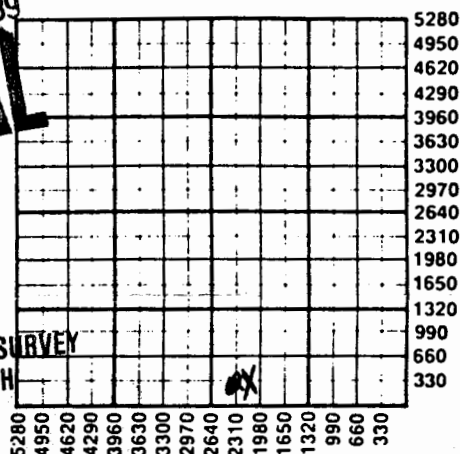
Lease Name Leo Twin Well# 1

Field Name RASE

Producing Formation Pawnee Sand

Elevation: Ground 2305' KB 2310'

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.) Ft West From Southeast Corner  
Sec Twp Rge ☐ East ☐ West

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

Disposition of Produced Water: ☒ Disposal ☐ Repressuring

Docket # D-24,976

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 temporarily abandoned wells.

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

DISTRICT ENGINEER Date 3/16/87

Subscribed and sworn to before me this 16th day of March 1987

Notary Public Kathryn A. Voigt

Date Commission Expires June 13, 1989

K.C.C. OFFICE USE ONLY

☒ Letter of Confidentiality Attached  
☐ Wireline Log Received  
☐ Drillers Timelog Received

Distribution

☒ KCC ☐ SWD/Rep ☐ NGPA  
☒ KGS ☐ Plug ☐ Other (Specify)

STATE CORPORATION COMMISSION

KATHRYN A. VOIGT  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Expires 6-13-89

Form 10-107

CONSERVATION DIVISION  
Wichita, Kansas

Operator Name **BEREXCO INC.** Lease Name **Leo Twin** Well# **1** SEC **35** TWP **15S** RGE **21** ☐ 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  
Samples Sent to Geological Survey  
Cores Taken

☒ Yes ☐ No  
☒ Yes ☐ No  
☐ Yes ☒ No

Formation Description  
☐ Log ☒ Sample

| Name              | Top  | Bottom |
|-------------------|------|--------|
| Post rock         | 0    | 20     |
| Post rock & shale | 20   | 352    |
| Shale & sand      | 352  | 1610   |
| Shale & anhydrite | 1610 | 1984   |
| Lime & Shale      | 1984 | 4167   |
| Cher. sand        | 4167 | 4216   |
| Lime & shale      | 4216 | 4280'  |

DST #1) 4116-4167'  
15-15  
Rec 1130' froggy oil.  
983 298/543

DST #2) 4175-4189'  
15  
Rec 650' wtr, 90' sand  
277/1035

DST #3) 4202-4216'  
15  
Rec 60' mud, 90' wtry mud.  
63/83  
CL 22,000

**CONFIDENTIAL**

| CASING RECORD <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 |
| Surface                                                                             | 12-1/4"                                                                                                                                                                  | 8-5/8"                    | 23             | 350'                                                                          | 60/40 Pozm                                                           | x 250        | 2% gel, 3% CC              |
| Production                                                                          | 7-7/8"                                                                                                                                                                   | 5-1/2"                    | 14&15.5        | 4280'                                                                         | 60/40 Pozm                                                           | x 175        | 2% gel, 10% salt           |
| DV Tool                                                                             |                                                                                                                                                                          |                           |                | 1596 450                                                                      | 10# gilsonite 3/4 of 1% C.F.R. 2-100B sk. light, 50 sk. common, 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                      |
| 4                                                                                   | 4160-4164'                                                                                                                                                               |                           |                | NONE                                                                          |                                                                      |              |                            |
|                                                                                     |                                                                                                                                                                          |                           |                |                                                                               |                                                                      |              |                            |
|                                                                                     |                                                                                                                                                                          |                           |                |                                                                               |                                                                      |              |                            |
|                                                                                     |                                                                                                                                                                          |                           |                |                                                                               |                                                                      |              |                            |
|                                                                                     |                                                                                                                                                                          |                           |                |                                                                               |                                                                      |              |                            |
| TUBING RECORD size 2-3/8" set at 3611' packer at --                                 |                                                                                                                                                                          |                           |                | Liner Run <input type="checkbox"/> Yes <input checked="" 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) |                           |                |                                                                               |                                                                      |              |                            |
| 2/8/87                                                                              |                                                                                                                                                                          |                           |                |                                                                               |                                                                      |              |                            |
| Estimated Production Per 24 Hours                                                   | Oil                                                                                                                                                                      | Gas                       | Water          | Gas-Oil Ratio                                                                 |                                                                      | Gravity      |                            |
|                                                                                     | 128 Bbls                                                                                                                                                                 | 0 MCF                     | 16 Bbls        | 0                                                                             | CFPB                                                                 | 40° API      |                            |

Disposition of gas: ☒ vented  
☐ sold  
☐ used on lease

## METHOD OF COMPLETION

☐ open hole ☒ perforation  
☐ other (specify) .....

☐ Dually Completed, ...  
☐ Commingled

## PRODUCTION INTERVAL

...4160-64'...