

COPY

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CONFIDENTIAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

RELEASED

API NO. 15- 055-20,947

29-22-33W

County Finney

W of NE NE NW Sec. 29 Twp. 22S Rge. 33 X East West

Operator: License # 5363

Name: BEREXCO INC.

Address 970 Fourth Financial Center

City/State/Zip Wichita, Kansas 67202

Purchaser: Central Crude Corporation

Operator Contact Person: Evan Mayhew

Phone (316) 265-3311

Contractor: Name: BEREDCO INC.

License: 5147

Wellsite Geologist: Charles Spradlin Sr.

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp. Abd.
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

11/10/90
Spud Date

11/23/90
Date Reached TD

1/18/91
Completion Date

4950 Ft. North from Southeast Corner of Section

3070 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Garden City "A" Well # 1-29

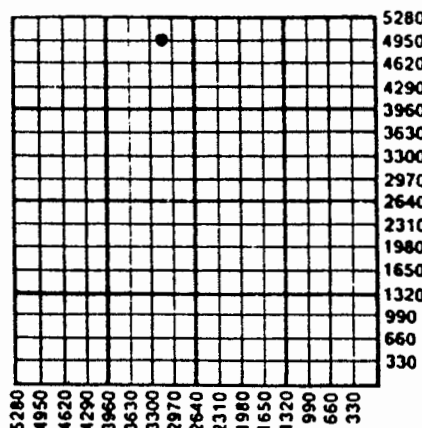
Field Name Unnamed Ext.

Producing Formation St. Louis "B"

Elevation: Ground 2902 KB 2914

Total Depth 4950 PBTD 4896

STATE CORPORATION COMMISSION



Amount of Surface Pipe Set and Cemented at 1652 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 3126 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned well's. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

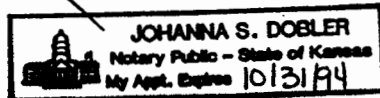
Signature _____

Title Executive Vice President Date 3/7/91

Subscribed and sworn to before me this 7th day of March, 19 91.

Notary Public Johanna S. Dobler

Date Commission Expires October 31, 1994



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 <u>IS</u>
(Specify)		

CONFIDENTIAL

SIDE TWO

Operator Name BEREXCO INC Lease Name Garden City "A" Well # 1-29
 Sec. 29 Twp. 22S Rge. 33 ☐ East County Finney
☒ West

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
 (Attach Additional Sheets.)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

see attached

Formation Description		
☐ Log	☒ Sample	
Name	Top	Bottom
Base Heebner	3816	
Toronto	3833	
Lansing "F"	4026	
Lansing "I"	4120	
Kansas City "C"	4310	
Base Kansas City	4343	
Cherokee	4487	
Atoka	4609	

CASING RECORD ☒ New ☐ 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	1652	Hall Lt/PP	550/150	2%CC, 1/2#floc
Production	7-7/8"	5-1/2"	14	4949	Hall Thick	200	
		2nd stage:		3126	Class C 1t/C	200/50	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		Depth
4	4782-87'	1000 gals 15% HCL	4782-87'

TUBING RECORD				Liner Run
Size	Set At	Packer At		☐ Yes ☒ No
2-3/8"	4850	---		

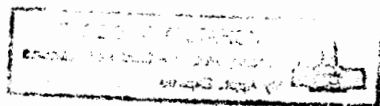
Date of First Production	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
1-19-91				

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	30	0	100	---	33°

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled ☐ Other (Specify) _____

Production Interval: 4782-87'



RELEASED

MAR 9 1993

FROM CONFIDENTIAL

DRILL STEM TESTS

MP2# 15-055-20947
Borex Inc.GARDEN CITY A #1-29
Sec. 29-22S-33W
Finney Co., KS

DST #1 Upper Morrow Sand, 4669-4702', 15(30)120(120)
Blow: Strong throughout (initial)
Strong w/Gts 20" into FFP (final)
Rec: 3450' Clean gassy oil, 33° Gty @ 70° F.
FP 310-493/525-1182
SIP 1256/1235

Gas Rates:	TIME	RATE
	20	10.1 MCF (1st measurement)
	30	5.3
	40	2.9
	50	2.9
	60	4.9
	70	4.2
	80	4.6
	90	4.8
	100	4.4
	110	3.9
	120	3.7

STATE OF KANSAS
COMMISSIONER OF REVENUE
MAR 7 1993
CONSERVATION DIVISION
Wichita, Kansas

DST #2 Morrow, 4726-35', 15(30)60(120)
Blow: Weak - died in 12 min (initial).
No blow FFP (final).
Rec: 10' SOCM (10% oil). No water.
FP 11-11/11-11
SIP 696/1140

DST #3 St. Louis, 4777-4798', 15(30)60(120)
Blow: Weak blow increase to strong (initial).
Weak blow increase to strong (final).
Rec: 550' GIP & 460' CGO (gty 26° @ 74° F) No water.
FP 33-45/67-156
SIP 1193/1214

DST #4 St Louis, 4801-26', 15(30)60(120)
Blow: Weak blow died 10 min (initial).
No blow (final).
Rec: 100' drilling mud w/few specks oil & 400' XW (chlorides 32000 ppm vs. pit cl 2200 ppm).
FP 33-56/78-266
SIP 1224/1224