

FORM MUST BE TYPED

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

SIDE ONE

API NO. 15- 055-21168

County FINNEY

- SE - SE - SW Sec 29 Twp 22 Rge 33 XX W

CONFIDENTIAL

OPERATOR: License # 5363

Name: BEREXCO INC

Address 970 FOURTH FINANCIAL CENTER

City/State/Zip WICHITA, KS 67202

Purchaser: CENTRAL CRUDE CORPORATION

Operator Contact Person: EVAN C. MAYHEW

Phone (316) 265-3311

Contractor: BEREDCO INC

License: 5147

Wellsite Geologist: ED GRIEVES

Designate Type of Completion
XX New Well Re-Entry Workover

XX Oil SWD SIOW Temp. Abd.
Gas EHHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry; oil well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-Perf Conv. PBTD

Plug Back Docket No.

Commingle Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

01/01/93 01/17/93 06/08/93

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas, 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-2-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 with all plugged well. 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 and the statements herein are complete and correct to the best of my knowledge.

Signature Evan C Mayhew

Title DIVISION ENGINEER Date 07/15/94

Subscribed and sworn to before me this 15TH day of JULY 19 94.

Notary Public Dalaina Y. Suttle

Date Commission Expires JUNE 15, 1997

330 Feet from S/N (circle one) Line of Section

2310 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside section Corner:
NE, SE, NW, or (circle one)

Lease Name SRAJER Well # 1-29

Field Name WILDCAT

Producing Formation MISSISSIPPIAN

Elevation: Ground: 2898 KB: 2910

Total Depth 4980 PBTD 4915

Amount of Surface Pipe Set and Cemented at 1746 Feet

Is Stage Cementing Collar Used? XX Yes No

If yes, show depth set 3248 Feet

If Alternate II completion, cement circulated from

Feet depth to w/ sx. cmt.

Drilling Fluid Management Plan
(Date must be collected from the Reserve Pit)

Chloride Content 2200 ppm Fluid Volume 7600 bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name

Quarter Sec Twp Rge E/W

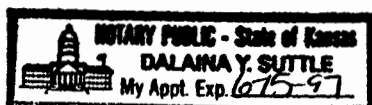
County Docket No.

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify) JS

Form ACO-1 (7-91)



CONFIDENTIAL

SIDE TWO

29-22-33W

Operator Name BEREXCO INC

Lease Name SRAJER

Well # 1-29

Sec 29 Twp 22 Rge 33
☐ East
☒ West

County FINNEY

COPY

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 pressure, whether shut-in pressure reached static level, hydrostatic pressure, 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.)

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

SEE ATTACHED

RELEASED

KUC

MAY 24 1995

APR 30

CONFIDENTIAL

FROM CONFIDENTIAL

SEE ATTACHED

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	25# new	1746	HLC	595	2% cc; 1/4# flocele
SURFACE					Prem Plus	150	2% cc; 1/4# flocele
PRODUCTION	7-7/8	4-1/2	10.5# used	4979	Thickset Class C Lgt	275 200	1/4# flocele
					Class C	50	

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD	4305-4310	Class H	75	None
XX Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4802-4807'; 4824-4828'	Set CIBP at 4785'	-----
4	4734-44'	1500 gals 15% Ne-HCL 3000 gals SGA	4734-44
4	4331'	25 sx Micro Matrix 25 sx Class H	4331
4	4305-4310'	500 gals 15% Ne-HCL	4305-10

LOGGING RECORD	Size	Set At	Packer At	Liner Run	Yes	No
	2-3/8	4777'	nONE		☐	☒
Date of First, Resumed Production, SWD or Inj	Producing Method					
06/08/93	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)					
Estimate Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity	
	35	0	170	----		

METHOD OF COMPLETION

Disposition of Gas:

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

☐ Open Hole ☒ Perf ☐ Dually Comp ☐ Commingled

☐ Other (Specify) _____

Production Interval

4777-44'
 4802-07'
 4824-28' MISSI

JUL 22 1994

CONSERVATION DIVISION
 Wichita, Kansas

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 03 1993

CONSERVATION DIVISION
WICHITA, KS

DRILL STEM TESTS
SRAJER #1-29
Sec 29-22S-33W
Finney County, Kansas

APR 30

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DST #1 (4072'-4090')
15(30)60(120)
BLOW: Weak blow inc. to strong off bottom of bucket 12 min.
BLOW: Weak blow inc to strong off bottom of bucket in 16 min.
IF: 1926
IFP: 42/104
ISIP: 1089
FFP: 129/306
FSIP: 1089
FH: 1874
T: 106
REC: 15' gas in pipe + 30' clean gassy oil + 210' SOCM (7% oil,
7% gas, 86% mud) + 430' sulfur water.

DST #2 (4306'-4320')
15(30)30 (60)
BLOW: Surface blow nc to 2 inches in bucket.
BLOW: Weak blow increased to 8 inches.
IH: 2048
IFP: 10/21
ISIP: 1163
FFP: 36/74
FSIP: 1230
FH: 1983
T: 109
REC: 65' gas in pipe + 150' slightly gassy oil + 45' heavy oil
and gas cut mud. (32% oil, 13% gas, 55% mud)

DST #3 (4450'-4476')
15(30)60(120)
BLOW: Surface blow increased to 1 inch.
BLOW: Initially no blow (flushed tool) had weak blow for
remainder of period.
IH: 2122
IFP: 36/36
ISIP: 939
FFP: 53/76
FSIP: 939
FH: 2105
T: 111
REC: 120' slightly water cut mud with specks of oil (93% mud, 7%
water) + show of oil on top of test tool.

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MAY 24 1993

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DRILL STEM TESTS
SRAJER #1-29
Sec 29-22S-33W
Finney County, Kansas

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 03 1993

CONSERVATION DIVISION
WICHITA, KS

DST #4 (4587'-4615')
15(30)30(60)
BLOW: Very weak blow.
BLOW: No blow (flushed tool) still no blow.
IH: 2169
IFP: 29/29
ISIP: 596
FFP: 34/34
FSIP: 803
FH: 2137
T: 112
REC: 30' drilling mud (very slight oil cut to specks of oil on top of tool only).

DST #5 (4684'-4735')
15(30)60(120)
BLOW: Weak blow (1/2" in bucket) dec. slightly in 15 minutes.
BLOW: No blow, flushed tool 10 min, had surface blow for 10 min. and died.
IH: 2264
IFP: 21/21
ISIP: 51
FFP: 25/31
FSIP: 87
FH: 2220
REC: 30' drilling mud with few specks of oil in tool.

DST #6 (4800'-4820')
15(30)30(60)
BLOW: Very weak blow.
BLOW: Initially no blow (flushed tool). Had weak surface blow for 5 min and died.
IH: 2302
IFP: 10/10
ISIP: 1152
FFP: 25/25
FSIP: 1152
FH: 2243
T: 115
REC: 20' drilling mud with no show.

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

Computer Inventoried

29-22-334

APR 30

CONFIDENTIAL

Geological Report
BEREXCO INC.
#1-29 Srajer
SE SE SW Sec. 29
T22S-R33W
Finney County, Kansas

Spud Date: 1/1/93
Comp Date: 1/16/93
Report Date: 1/18/93

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KANSAS CORPORATION COMMISSION
MAY 03 1993
CONSERVATION DIVISION
WICHITA, KS

Tops:

BEREXCO INC.
#1-29 Srajer
SE SE SW Sec. 29
T22S-R33W
KB 2910

BEREXCO INC.
Garden City "A" #3-29
NE SW NW Sec. 29
T22S-R33W
KB 2916

	Sample	Log	Log
Base Heebner	3803	3813 - 903	3826 - 910
Toronto	3817	3838 - 928	3841 - 925
Lansing Fm.	3847	3865 - 955	3868 - 952
Lansing "B"	3900	3909 - 999	3924 - 1008
Lansing "G"	4039	4066 - 1156	4080 - 1164
Kansas City "A"	4217	4215 - 1305	4212 - 1296
Kansas City "B"	4263	4256 - 1346	4259 - 1343
Marmaton Fm.	4485	4378 - 1468	4383 - 1467
Pawnee	4456	4454 - 1544	4460 - 1544
Ft. Scott	4488	4484 - 1574	4487 - 1571
Cherokee	4502	4498 - 1588	4501 - 1585
Morrow	4686	4688 - 1778	4690 - 1774
St. Louis	4740	4732 - 1822	4754 - 1838
TD	4980	4972 --	4924 --

RELEASED
MAY 24 1995
FROM CONFIDENTIAL

COPY

SIDE ONE

29-22s-33w

CONFIDENTIAL
COPYSTATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASEOperator: License # 5363 **KCC**Name: BEREXCO INC **MAY 2 6**Address 970 Fourth Financial Center **CONFIDENTIAL**City/State/Zip Wichita, KS 67202Purchaser: Central Crude CorporationContact Person: Evan C. MayhewPhone (316) 265-3311Contractor: Name: BEREDCO INCLicense: 5147Wellsite Geologist: Ed Grieves

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SIOV ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSV, Expl., Cathodic, etc)

Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBTD
☐ Jamming ☐ Docket No. _____
☐ Full Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____1/1/93 1/17/93 not yet complete
Start Date Date Reached TD Completion DateAPI NO. 15- 055-21168County Finney- SE - SE - SW Sec. 29 Twp. 22S Rge. 33 X N330 Feet from S/N (circle one) Line of Section2310 Feet from E/W (circle one) Line of SectionDistances Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Srajer Well # 1-29Field Name WildcatProducing Formation MississippianElevation: Ground 2898 KB 2910Total Depth 4980 PBTD 4915Amount of Surface Pipe Set and Cemented at 1746 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 3248 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cmt.

Brilling Fluid Management Plan
(Data must be collected from the Reserve Pit)Chloride content 2200 ppm Fluid volume 7600 bblsDewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name RELEASEDLease Name _____ License No. APR 1 1996

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. FROM CONFIDENTIALINSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado
Merby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well.
Rules 82-3-130, 82-3-106 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 geologist well report 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 wells.I certify that the 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 Evan C MayhewTitle Division Engineer Date 5/27/93Subscribed and sworn to before me this 27 day of MayNotary Public Kimberly K. ComerNotary Commission Expires 7-14-96

K.C.C. OFFICE USE ONLY		JUN 1 1993	
F	Letter of Confidentiality Attached	CONSERVATION DIVISION Wichita, Kansas	
C	Wireline Log Received		
C	Geologist Report Received		
Distribution		106	
KCC	SWD/Rep	NGPA	
KGS	Plug	Other (Specify)	

KIMBERLY K. COMER
My Appt. Exp. 7-14-96

WEE-12292

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

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.)
 List All E.Logs Run:
 see attached.

☒ Log Formation (Top), Depth and Datum ☐ Sample
 Name Top Datum
 see attached

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	25# new	1746'	HLC	595	2% cc, 1/4# flocele
					Prem. Plug	150	" " "
Production	7-7/8	4-1/2	10.5# used	4979	Thickset Class C Lgt	275 200	1/4# flocele
ADDITIONAL CEMENTING/SQUEEZE RECORD						Class C	50

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD	4305'-10'	Class H	75	none
☒ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	
2	4802-07'; 4824-28'	Set CIBP at 4785'	
4	4734-44'	1500 gals 15% Ne-HCl 3000 gals SGA	4734'-44'
4	4331'	25 sx Micro Matrix 25 sx Class H	4331'
4	4305-10'	500 gals 15% Ne-HCl	4305-10'

TUBING RECORD		Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
		2-3/8	4777'			
Date of First, Resumed Production, SWD or Inj.		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.
						Gas-Oil Ratio Gravity

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

METHOD OF COMPLETION: ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

Production Interval: 4734-44'; 4802-07' 4824-28'