

ORIGINAL
SIDE ONECONFIDENTIAL
COPYSTATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASEOperator: License # 5363Name: BEREXCO INCAddress 970 FOURTH FINANCIAL CENTERCity/State/Zip WICHITA, KS 67202Purchaser: CENTRAL CRUDE CORPORATIONOperator Contact 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 ☐ SIOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSU, Expl., Cathodic, etc)

If 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 ☐ PSTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____5/16/93 5/25/93 7/10/93

Spud Date Date Reached TD Completion Date

API NO. 15- 093-21258County KEARNYW/2- NE- SW- SW Sec. 9 Twp. 23S Rge. 37 ☒ ^E _W990 Feet from SW (circle one) Line of Section825 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name SHANKLE Well # 2-9Field Name HEINITZProducing Formation MORROWElevation: Ground 3294 ' KB 3306 ' ^E _WTotal Depth 5080 ' PSTD 5029 ' ^E _WAmount of Surface Pipe Set and Cemented at 1680 ' FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 3253 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ "x cat.

Drilling Fluid Management Plan ALT 1 5-6-97
(Data must be collected from the Reserve Pit)Chloride content 4500 ppm Fluid volume 5500 bblsDewatering method used EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

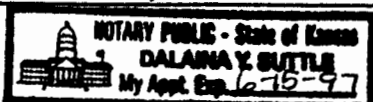
Lease Name OCT 2 6 1995 License No. SEP 13 1993

Quarter Sec. _____ Twp. _____ S Rng. _____

County WICHITA, KS Docket No. _____

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 82-3-130, 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.

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 Evan C MayhewTitle DIVISION PROD. ENGINEER Date 9/13/93Subscribed and sworn to before me this 13TH day of SEPTEMBER 19 93.Notary Public Delana YusterDate Commission Expires JUNE 15, 1997

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)

Y909

BERYCO INC

SIDE TWO

Lease Name SHANKLEWell # 2-9Sec. 9 Twp. 23S Rge. 37☐ East☒ WestCounty KEARNY

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 ☐ NoCores Taken ☐ Yes ☒ NoElectric 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 used	25#	1680	Prem. Plus Prem Plus	Lt 540 150	2% CC 1/4# flocele
Production	7-7/8	5-1/2 new	15.5#	5079	Prem EA-2 Prem Plus Prem Plus	250 200 50	2% CC; 1.2% Ha 2% CC; 1/4# flocele 2% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
4	4741'-4747'	1300 gals diesel	4741-47'

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No			
	2-3/8	4812'	-----					
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)							
7/10/93								
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		53		0		1	-----	

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perforated ☐ Duallty Comp. ☐ Casingmiled
☐ Other (Specify) 3 1/2" YAMAHA

Production Interval

4741'-47'

Geological Report
BEREXCO INC.
#2-9 Shankle
W/2 NE SW SW Sec. 9
T23S-R37W
Kearny County, Kansas

ORIGINAL

COPY

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SEP 13

CONFIDENTIAL

OCT 26 1995

Spud Date: 5/16/93
Comp Date: 5/26/93
Report Date: 5/27/93

FROM CONFIDENTIAL

15-093-21258

Tops:

BEREXCO INC.
#2-9 Shankle
W/2 NE SW SW Sec. 9
T23S-R37W
KB 3306

BEREXCO INC.
#1-9 Shankle
SE NW NW SW Sec. 9
T23S-R37W
KB 3307

	Sample	Log	Log
Base Heebner	3761	3760 - 454	3758 - 451
Toronto	3775	3772 - 466	3774 - 467
Lansing Fm	3820	3819 - 513	3818 - 511
Kansas City	4154	4151 - 845	4154 - 847
Marmaton	4318	4325 - 1019	4320 - 1013
Pawnee	4409	4406 - 1100	4406 - 1099
Ft. Scott	4444	4440 - 1134	4440 - 1133
Cherokee	4463	4458 - 1152	4458 - 1151
Morrow Fm.	4713	4710 - 1404	4700 - 1393
St. Genevieve	4858	4841 - 1535	4853 - 1546
St. Louis	4879	4878 - 1572	?
TD	5080	5076 - --	5149 - --

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KANSAS CORPORATION COMMISSION

SEP 13 1993

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

KCC

SEP 13

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DRILLSTEM TESTS

Shankle #2-9

Sec. 9-23S-37W

Kearny Co., Kansas

15-093-21258

DST #1 (4746'-4756') UPPER MORROW

15(30)120(120)

BLOW: Strong blow off bottom of bucket in 1.5 minutes.

BLOW: Strong blow off bottom of bucket 3 min. with gts. 35 minute in FFP.

IH: 2150

IFP: 215/224

ISIP: 437

FFP: 295/424

FSIP: 436

FH: 2120

T: 121

REC: 640' clean gassy oil (90% oil, 10% gas + 90' slightly mud cut gassy oil (75% oil, 15% gas, 10% mud) + 170' mud and water cut gassy oil (20% water) + 85' muddy water (50% mud, 50% water).

RELEASED

OCT 26 1995

FROM CONFIDENTIAL

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