

KCC

21-22-27W

37W

AUG 7

SIDE ONE

CONFIDENTIAL

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

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API NO. 15- 073-11-183

County Kearny

SW NW Sec. 31 Twp. 22S Rge. 37  East  West

Operator: License # 5363

Name: BEREXCO INC

Address 970 Fourth Financial

City/State/Zip Wichita, KS 67202

Purchaser: Central Crude Corp.

Operator Contact Person: Evan Mayhew

Phone (316) 265-3311

Contractor: Name: BEREDCO INC

License: 5147

Well Site Geologist: Edwin Grieves

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

5/21/91 5/29/91 7/1/91  
Spud Date Date Reached TD Completion Date

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SEP 14 1993

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3300 Ft. North from Southeast Corner of Section

4620 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

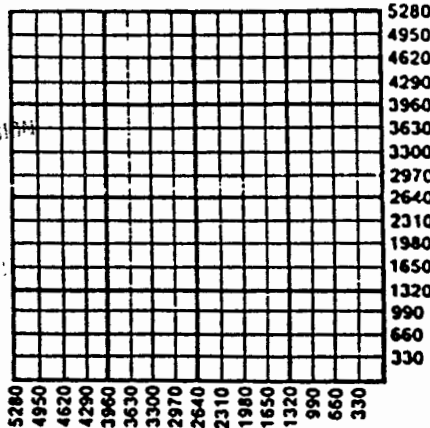
Lease Name Avril Well # 1-31

Field Name Heinitz

Producing Formation Morrow

Elevation: Ground 3308 KB 3320

Total Depth 5050 PBDT 4964



A/I

Amount of Surface Pipe Set and Cemented at 1704' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 3267' 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 wells. 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 Evan C Mayhew  
Title Division Engineer Date 8/7/91

Subscribed and sworn to before me this 7 day of Aug, 1991.

Notary Public Willa J Martin

Date Commission Expires 12-17-94  
WILLA J. MARTIN  
Notary Public - State of Kansas  
My Abst. Expires 12-17-91

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 (Specify) IS

SIDE TWO

Operator Name BEREXCO INC Lease Name Avril Well # 1-31  
 Se 31 Twp. 22S Rge. 37  East  West  
 County 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  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

see attached sheet

Formation Description  
 Log  Sample  
 Name Top Bottom  
 see attached sheet

CASING RECORD

New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

Use 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#	1704'	Poz/C	525/150	65/35 poz.
Production	7 7/8	5 1/2	14#	5047	Shurfill	175	
			2nd stage DV	@ 3267	Lite/C	250/50	1/2# flocele

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	4752-58	4752-58

TUBING RECORD

Size 2 3/8 Set At 4810' Packer At none Liner Run  Yes  No

Date of First Production 7/1/91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production per 24 Hours  
 Oil 70 Bbls. Gas 0 Mcf Water 15 Bbls. Gas-Oil Ratio - Gravity 35°

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  
 Production Interval 4752-58



Computer Inventoried

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GEOLOGICAL REPORT

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AVRIL #1-31  
C SW NW Sec 31-22S-37W  
Kearny Co., Kansas

Formation	Sample Tops		Modie #4-31			Log Tops		
	Depth	Datum	Depth	Datum	Corr.	Depth	Datum	Corr.
Base/Heebner	3799	-479	3798	-477	-2			
Toronto	3814	-494	3814	-483	-1			
Lansing	3843	-533	3854	-533	F			
Lansing "B"	3901	-581	3904	-583	-2			
Lansing "F"	4034	-714	4032	-711	-3			
Lansing "I"	4118	-798	4122	-801	-3			
Kansas City "A"	4176	-899	4180	-859	-3			
Kansas City "B"	4219	-899	4121	-900	-1			
Kansas City "C"	4273	-953	4274	-953	F			
Marmaton	4329	-1009	4331	-1010	-1			
Pawnee	4430	-1110	4432	-1111	-1			
Fort Scott	4467	-1146	4466	-1145	-2			
Cherokee	4479	-1159	4478	-1157	-2			
Atoka	4610	-1290	4610	-1289	-1			
St. Genevieve	4881	-1561	4876	-1555	-6			

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WICHITA, KANSAS

Computer Inventory

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DRILL STEM TESTS

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AVRIL #1-31  
C SW NW Sec 31-22S-37W  
Kearny Co., Kansas

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DST #1 Upper Morrow: 4715-55' 30(60)60(120)  
 BLOW: Weak surface blow, increased to 1" in bucket.  
 BLOW: Weak surface blow, built to 5" in bucket. Still inc. slightly throughout.  
 Rec: 100' TF - approx 50' drlg mud w/show of oil & 50' oil & GOM (5% oil, 45% gas, 50% mud.) No water.

IH: 2303  
 IFP: 62/72  
 ISIP: 353  
 FFP: 93/104  
 FSIP: 363  
 FH: 2283  
 T°: 116°F

Preparing to come off bottom for DST #2.

DST #2 Upper Morrow: 4755-65' 30(60)60(120)  
 BLOW: Strong blow off bottom of bucket in 2 min  
 BLOW: Weak blow increasing to strong off bottom of bucket in 17 min.  
 Rec: 180' GIP w/780' TF - 150' CGO (30% gas, 70% oil) & 180' GOWCM (65% gas, 15% oil, 10% wtr, 10% mud) & 180' G&MOCW (45% gas, 20% oil, 20% wtr, 15% mud) & 120' GM&WCO (25% gas, 40% oil, 20% wtr, 15% mud) & 150' saltwater.

IH: 2323  
 IFP: 114/270  
 ISIP: 363  
 FFP: 311/343  
 FSIP: 363  
 FH: 2263  
 T°: 113°F

Gravity 36° at 76°F. Ct rec fluid: RW 1.4@ 85°F (Cl 45,000 ppm) Pit Cl 2,250 ppm.

630 varying amounts oil cut w/150' saltwater.

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STATE COMMISSION

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