

COPY

CONFIDENTIAL 5-238-370

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- 15-093-21.111

County Kearny

Section 5 Twp. 23S Rge. 37 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 OWD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

9/27/90 10/9/90 10/24/90

Spud Date Date Reached TD Completion Date

660 Ft. North from Southeast Corner of Section

2970 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

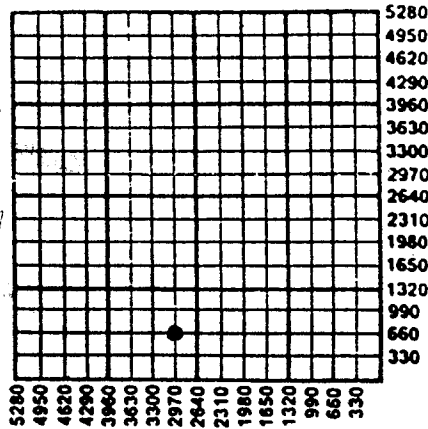
Lease Name Irene Well # 3-5

Field Name Heinitz

Producing Formation Morrow

Elevation: Ground 3300 KB 3312

Total Depth 5080 PBD 5051



Amount of Surface Pipe Set and Cemented at 1646' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3174 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 _____

Title Executive Vice President Date 1/16/91

scribed and sworn to before me this 16th day of January, 91.

Notary Public Johanna S. Doble

Date Commission Expires 10/31/94

JOHANNA S. DOBLER
Notary Public - State of Kansas
My Appt. Expires 10/31/94

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

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SIDE TWO

Operator Name BEREXCO INC. Lease Name Irene Well # 3-5
 Sec. 5 Twp. 23S Rge. 37 East County Kearny
 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description <input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr><td>Base Heebner</td><td>3780</td><td></td></tr> <tr><td>Toronto</td><td>3800</td><td></td></tr> <tr><td>Lansing B</td><td>3900</td><td></td></tr> <tr><td>Base Kansas City</td><td>4308</td><td></td></tr> <tr><td>Marmaton</td><td>4342</td><td></td></tr> <tr><td>Fort Scott</td><td>4465</td><td></td></tr> <tr><td>Cherokee</td><td>4475</td><td></td></tr> <tr><td>Atoka</td><td>4606</td><td></td></tr> <tr><td>St Louis</td><td>4922</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	Base Heebner	3780		Toronto	3800		Lansing B	3900		Base Kansas City	4308		Marmaton	4342		Fort Scott	4465		Cherokee	4475		Atoka	4606		St Louis	4922	
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Fort Scott	4465																															
Cherokee	4475																															
Atoka	4606																															
St Louis	4922																															
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																															
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																															
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																															

see attached

CASING RECORD <input checked="" type="checkbox"/> New <input 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#	1646	Class C lt	550	2% CC w/1/4# flocele
Production	7-7/8"	5 1/2"	15.5#	5079	surfill	150	2% CC
			2nd stage:			lite/common 200/50	
PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
4	4749-55'			none		4749-55'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
10/24/90		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity
		158					32°

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: 4749-55

5-23P-37W

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IRENE #3-5 DRILL STEM TESTS

DST #1 Upper Morrow, 4706-78', 15(30)60(120)
Blow: Strong, w/gas to surface @ end of intitial shut in. Gas immediately (final).

TIME	MCFPD
10	12.5
20	3.3
30	3.7
40	5.3
50	3.9
60	3.7 Shut in.

Rec: 1060' clean gassy oil (33° gravity @ 60° F).
FP 287-297/302-393
SIP 393/404

RELEASED

FEB 22 1993

FROM CONFIDENTIAL