

**CONFIDENTIAL**

**ORIGINAL**

RELEASED

NOV 09 1992

SIDE ONE

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

Operator: License # 5363

Name: BEREXCO INC.

Address 970 Fourth Financial Center

City/State/Zip Wichita, Kansas 67202

Purchaser: NA

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. Ass.

Gas  Inj  Delayed Geo.

Dry  Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

9/19/90 9/29/90 9/30/90  
Spud Date Date Reached TD Completion Date

API NO. 15- 081-20,653-0000

County Haskell ✓

100'S 30'E S/2Sec 20 Twp. 29S Rge. 32  
N/2 SE

1550 ✓ Ft. North from Southeast Corner of Section

1290 ✓ Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

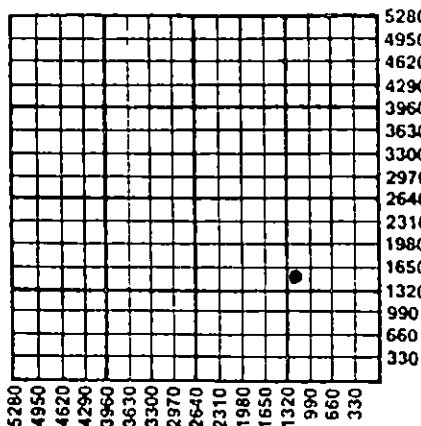
Lease Name Holloway ✓ Well # 2-20

Field Name Unnamed

Producing Formation NA

Elevation: Ground 2901 KB 2913

Total Depth 5750 PBDT 0



Amount of Surface Pipe Set and Cemented at 1832 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

STATE CORPORATION COMMISSION  
Wichita, Kansas  
OCT 29 1990  
10-29-1990

**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 [Signature]

Title Executive Vice President Date 10/29/90

Subscribed and sworn to before me this 29 day of October, 19 90.

Notary Public Ladene M Reese

Date Commission Expires 3-2-93

**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)

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# CONFIDENTIAL ORIGINAL

SIDE TWO

Operator Name BEREXCO INC. Lease Name Holloway Well # 2-20

Sec. 20 Twp. 29S Rge. 32  East  West  
County Haskell

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	4125	
Toronto	4139	
Kansas City C	4744	
Base Kansas City	4780	
Atoka	5108	
Ste Genevieve	5432	

**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"	23/24#	1832'	Lite	580	2% CC
					Class C	150	2% CC

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

**TUBING RECORD** Size Set At Packer At Liner Run  Yes  No

Date of First Production 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  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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ORIGINAL

# BEREXCO INC.

OIL AND GAS EXPLORATION

*a Robert M. Beren company*

970 FOURTH FINANCIAL CENTER  
WICHITA, KANSAS 67202 • (316) 265-3311  
ACCOUNTING • (316) 265-3511

RELEASED

NOV 0 9 1992

FROM CONFIDENTIAL

HOLLOWAY #2-20  
Drill Stem Tests

DST #1 - Marmaton 4826' - 4877, 15(30)120(120)

Blow: Strong throughout

Rec: 1780' Gassy water

FP 124-301/436-939

SIP 1341/1371

DST #2 Morrow Sand 5274-5390', 15(30)120(120)

Blow: Good blow. GTS/5" on ISIP. 63.5 MCF/10" - 100 MCF/20"  
(initial). Stable @ 100 MCF/pd (final).

Rec: 100' Drilling mud.

FP 104-114/93-114

SIP 899/1060

RECEIVED  
STATE CORPORATION COMMISSION

OCT 29 1990

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

HALLIBURTON SERVICES

RELEASED FROM CONFIDENTIAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
042806	10/03/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
OLLOWAY 2		HASKELL		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		BEREXCO		PLUG TO ABANDON		09/29/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
69439	RICK RILEY			COMPANY TRUCK	02729	

BEREXCO  
P O BOX 723  
HAYS, KS 67601

*Will fill*

DIRECT CORRESPONDENCE TO:  
SUITE 1300  
LIBERTY TOWER  
100 BROADWAY AVENUE  
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	RICING AREA - MID CONTINENT MILEAGE	30	MI	2.35	70.50
009-019	PLUGGING BK SPOT CEMENT OR MUD	1860	FT	960.00	960.00
504-043	PREMIUM CEMENT	141	SK	6.85	965.85
506-105	POZMIX A	94	SK	3.91	367.54
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	9	SK	13.75	123.75
500-207	BULK SERVICE CHARGE	RD 253	CFT	1.10	278.30
500-306	MILEAGE CMTG MAT DEL OR RETURN	322.710	TMI	.75	242.03
INVOICE SUBTOTAL					3,007.97
DISCOUNT - (SPECIAL)					601.60-
*-KANSAS STATE SALES TAX					102.28
*-SEWARD COUNTY SALES TAX					24.07
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,532.72

RECEIVED STATE CORPORATION COMMISSION OF CORPORATION

OCT 29 1990

CONSERVATION DIVISION  
Wichita, Kansas

*re*

FFIX JOB TKT TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.





CONFIDENTIAL

ORIGINAL

STRICT Wichita

DATE 9-29-90

NOV 09 1990

HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICES TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Beckco (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2 LEASE Holloway SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_

FIELD \_\_\_\_\_ COUNTY Haskell STATE Ks OWNED BY Beckco

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_ INFORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_ CORKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_ CORE HOLE \_\_\_\_\_ INITIAL PROD: OIL \_\_\_\_\_ BPD, H2O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF \_\_\_\_\_ ESSENTIAL PROD: OIL \_\_\_\_\_ BPD, H2O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	N	24	8 5/8	KB	1860	
LINER						
TUBING		16.6	4.5	KB	1860	
OPEN HOLE			7 7/8	8 5/8	TD	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED

Set 80 SK PLUG (10/40 P02 w/69% Tonic Gel) @ 1860' - 80 SK PLUG @ 940' - 40 SK PLUG @ 470' - 10 SK @ 40' - 15 SK RPT/10' - 10 SK HOUSEHOLE

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against all claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
  - Damage to property owned by, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
  - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
  - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its division subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in all cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing unreturned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where the work is performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

SEP 29 1990

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER

DATE 9-29-90

CONSERVATION DIVISION  
Wichita, Kansas

TIME 2200 A.M. P.M.

JOB ORIGINAL

HALLIBURTON LOCATION

LIBERAL, KS

CONFIDENTIAL

BILLED ON TICKET NO. 042806

WELL DATA

WELL DATA form with fields for ILLD, SEC, WING, COUNTY (HASKELL), STATE (KS), INFORMATION NAME, TYPE, CLOSURE DATE (NOV 09 1992), CLOSURE REASON (FROM CONFIDENTIAL), CLOSURE METHOD (MCFD), MUD TYPE, MUD WT., SET AT, PRESSURE, TOTAL DEPTH, CLOSURE PERFORMATIONS, PERFORATIONS, PERFORATIONS, PERFORATIONS.

JOB DATA

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY., MAKE. Rows include LOAT COLLAR, LOAT SHOE, GUIDE SHOE, CENTRALIZERS, BOTTOM PLUG, TOP PLUG, EAD, PACKER, OTHER.

JOB DATA table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes DATE and TIME for each.

MATERIALS form with fields for REAT. FLUID, DENSITY, LB/GAL-API; ISPL. FLUID, DENSITY, LB/GAL-API; ROP. TYPE, SIZE, LB.; CID TYPE, GAL, %; URFACANT TYPE, GAL, IN; E AGENT TYPE, GAL, IN; LUID LOSS ADD. TYPE, GAL-LB, IN; ELLING AGENT TYPE, GAL-LB, IN; RIC. RED. AGENT TYPE, GAL-LB, IN; REAKER TYPE, GAL-LB, IN; LOCKING AGENT TYPE, GAL-LB; ERFPAC BALLS TYPE, QTY.; OTHER.

PERSONNEL AND SERVICE UNITS table with columns: NAME, UNIT NO. & TYPE, LOCATION. Includes names like HINSINGER, POYER, MCFARLAND and unit numbers.

DEPARTMENT: CEMENT; DESCRIPTION OF JOB: ALL SLURRY 60/40 P02 w/ 6% TOTAL GEL - 80SK @ 1860' - 80SK @ 940' - 40SK @ 470' - 10SK @ 40' - 15SK @ 1160' - 10 SK Mousseble; JOB DONE THRU: TUBING [X], CASING [ ], ANNULUS [ ], TBG/ANN. [ ]; CUSTOMER REPRESENTATIVE: X Ruth Kelly; HALLIBURTON OPERATOR: HINSINGER; COPIES REQUESTED.

CEMENT DATA

CEMENT DATA table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK., MIXED LBS./GAL.. Includes handwritten entries for stages 1-4.

PRESSURES IN PSI

SUMMARY

VOLUMES

Summary and Volumes section with fields for CIRCULATING, DISPLACEMENT, PRESLUSH, BBL-GAL, TYPE; BREAKDOWN, MAXIMUM, LOAD & BKDN, BBL-GAL, PAD, BBL-GAL; VERAGE, FRACTURE GRADIENT, TREATMENT, BBL-GAL, DISPL, BBL-GAL; PUT-IN: INSTANT, 5-MIN, 15-MIN, CEMENT SLURRY, BBL-GAL, 66; HYDRAULIC HORSEPOWER; ORDERED, AVAILABLE, USED, AVERAGE RATES IN BPM; REMARKS; BEATING, DISPL, OVERALL, CEMENT LEFT IN PIPE; REASON.

STATE CORPORATION COMMISSION

OCT 29 1990

CONSERVATION DIVISION Wichita, Kansas

CUSTOMER: RELEASED; LEASE: HALLIBURTON; WELL NO: 2; JOB TYPE: P.T.D.; DATE: 9-29-90



**JOB LOG**

**ORIGINAL**

WELL NO. 6 LEASE HOLLOWAY TICKET NO. 01204

OWNER Belexco PAGE NO. 1

JOB TYPE P.T.A. DATE 9-29-90

FORM 2013 R-2

**CONFIDENTIAL**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)	DESCRIPTION OF OPERATION AND MATERIALS
				T	CASING		
	1430						Called
	1745						On Location - Loop - Hook up & w.d.c.
	0010	5	10	✓		400	PIPE @ 1860' Pump 10 BBL H <sub>2</sub> O
	0012	5	22	✓		350	Pump 22 BBL Slurry MIXED @ 13.3 PPG
	0016	5	3.5	✓		200	Pump 3.5 BBL H <sub>2</sub> O
	0017	5	17	✓		150	Pump 17 BBL MUD - SHUT DOWN & PULL D.P. TO 940'
	0055	5	40	✓		250	PIPE @ 940' - Pump 40 BBL H <sub>2</sub> O
	0103	5	22	✓		200	Pump 22 BBL Slurry MIXED @ 13.3 PPG
	0107	5	7.5	✓		200	Pump 7.5 BBL H <sub>2</sub> O - SHUT DOWN & PULL D.P. TO 470'
	0128	5	20	-		200	PIPE @ 470' Pump 20 BBL H <sub>2</sub> O
	0132	5	11	✓		200	Pump 11 BBL Slurry MIXED @ 13.3 PPG
	0134	5	4	✓		150	Pump 4 BBL H <sub>2</sub> O - SHUT DOWN
	0135						PULL PIPE TO SURFACE & BREAK DOWN KELLY & B.O.P.
	0320	1.5	3	✓		0	Pump 3 BBL Slurry @ 0-40'
	0330	1.5	4	-		0	Pump 4 BBL Slurry IN KATHOLE
	0340	1.5	3	-		0	Pump 3 BBL Slurry IN MUDSTONE
	0350						SHUT DOWN TO AIR DOWN RELEASED FROM LOCATION

RELEASED  
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HELD  
STATE CORPORATION COMMISSION  
OCT 29 1990  
CONSERVATION DIVISION  
Wichita, Kansas

5-75496  
5-6611