

Plugged 2/8/94

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. 15-189-21600-0000

ORIGINAL
KCC

CONFIDENTIAL

County STEVENS
- SW - SE - SE Sec 12 Twp 31 Rge 35 XX' W

OPERATOR: License # 5363
Name: BEREXCO INC
Address: 970 FOURTH FINANCIAL CENTER
City/State/Zip: WICHITA, KS 67202

330 Feet from SN (circle one) Line of Section
990 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside section Corner:
NE, (SE) NW, or SW (circle one)
Lease Name M.L. LONG Well # 1-12

Purchaser: N/A
Operator Contact Person: EVAN C. MAYHEW
Phone (316) 265-3311
Contractor: BEREDCO INC
License: 5147
Wellsite Geologist: CHARLIE SPRADLIN

Field Name
Producing Formation None
Elevation: Ground: 2956 KB: 2968

Designate Type of Completion
XX New Well Re-Entry Workover
Oil SWD SIOW Temp. Abd.
Gas EHHR SIGW
XX Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-Entry; oil well info as follows:

Total Depth 5750 PBDT
Amount of Surface Pipe Set and Cemented at 1728 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.

Operator:
Well Name:
Comp. Date Old Total Depth

Drilling Fluid Management Plan D&A 09/8-17-94
(Date must be collected from the Reserve Pit)
Chloride Content 2300 ppm Fluid Volume 8200 bbls
Dewatering method used EVAPORATION

Deepening Re-Perf Conv. to Inj/SWD
Plug Back PBDT
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.
1-29-94
04/10/94 02/07/94 02/08/94
Spud Date Date Reached TD Completion Date

Location of fluid disposal if hauled offsite:
Operator Name
Lease Name
Quarter Sec Twp Rge E/W
County 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 82-2-130, 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 with and the statements herein are complete and correct to the best of my knowledge.

Signature Evan C Mayhew
Title DIVISION ENGINEER Date 04/13/94

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)

Subscribed and sworn to before me this 13th day of April 19 94.

Notary Public Dalaina Ysuttie

Date Commission Expires JUNE 15, 1997



CONFIDENTIAL

Operator Name BEREXCO INC

Lease Name M.L. LONG

Well # 1-12

Sec 12 Twp 31 Rge 35 East
XX West

KCC

County STEVENS

AUG 17

ORIGINAL

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 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 (Attach Additional Sheets.) Yes No

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy.) Yes No

List All E. Logs Run: DUAL INDUCTION
SPECTRAL DENSITY NEUTRON
SEE ATTACHED
MICRO

Log Formation (Top), Depth and Datum Sample Name Top Datum

SEE ATTACHED

RECEIVED
KANSAS CORPORATION COMMISSION

APR 19 1994

CONSERVATION DIVISION
WICHITA, KS

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	1728	65/35 POZ	201 575	4.5% gel 3% CaCl ₂
					CLASS C	499 175	144 lbs Flocele

KCC JH

Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			

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
		RELEASED		
		NOV 1 1996		

FROM CONFIDENTIAL

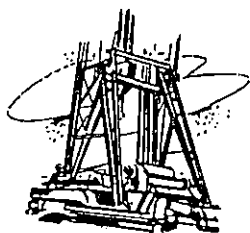
TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes <input type="checkbox"/> No <input type="checkbox"/>			
Date of First, Resumed Production, SWD or Inj D & A		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		Estimate Production Per 24 Hours	Oil N/A Bbls	Gas N/A MCF	Water N/A Bbls	Gas-Oil Ratio	Gravity

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

ORIGINAL CONFIDENTIAL



CHARLES B. SPRADLIN

GEOLOGIST

8403 TAMARAC

WICHITA, KANSAS 67206

316-683-9026

API#15-189-21600

KCC

AUG 17

CONFIDENTIAL

GEOLOGICAL REPORT

BEREXCO INC. M.L. Long #1-12
C SW/4 SE/4 SE/4 Sec. 12-31s-35w
Stevens County, Kansas

CONFIDENTIAL
RELEASED

Spud date: 1-29-94
Drilling completed: 2-7-94

NOV 1 1996

FROM CONFIDENTIAL

Elevations: 2968 KB
2966 DF
2956 GL

Comparison well: Mobil Oil Corporation Ruella Potts #2
150' S C NW/4 NE/4 Sec. 13-31s-35w
(Producing well 1500' southwest)

<u>Formation</u>	<u>Sample Top</u>	<u>E-Log Top</u>	<u>Datum</u>	<u>Compared to Ruella Potts #2</u>
Base/Heebner	4061	4063	(-1095)	3' high
Toronto	4082	4077	(-1109)	3' high
Lansing "B"	4172	4172	(-1204)	flat
Lansing "D"	4248	4248	(-1280)	1' low
Lansing "F"	4311	4310	(-1342)	3' low
Lansing "G"	4406	4406	(-1438)	6' low
Lansing "H"	4440	4443	(-1475)	13' low
Lansing "I"	4480	4486	(-1518)	14' low
Kansas City "A"	4614	4614	(-1646)	15' low
Kansas City "B"	4664	4668	(-1700)	17' low
Kansas City "C"	4723	4720	(-1752)	14' low
BKC	4782	4781	(-1813)	15' low
Marmaton	4810	4810	(-1842)	14' low
Pawnee	4932	4930	(-1962)	18' low
Fort Scott	4969	4981	(-2013)	31' low
Cherokee	4999	5004	(-2036)	22' low
Atoka	5209	5211	(-2243)	27' low
Morrow	5328	5332	(-2364)	32' low
Chester	5515	5518	(-2550)	28' low
St. Genevieve	5622	5615	(-2647)	17' low
St. Louis	5702	5692	(-2724)	6' low
Total Depth	5750	5749	(-2781)	---

RECEIVED

KANSAS CORPORATION COMMISSION

APR 19 1994

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

DRILLSTEM TESTS
M.L. Long #1-12
Sec. 12-31S-35W
Stevens Co., Kansas

CONFIDENTIAL

API#15-189-21600

DST #1 (5560'-5625') LOWER CHESTER
15(30)60(120)
BLOW: Weak surface blow died in 4 minutes.
BLOW: No blow.
IH: 2615
IFP: 33/33
ISIP: 33
FFP: 33/33
FSIP: 44
FH: 2581
T: 130
REC: 6' drilling mud

KCC

AUG 17

CONFIDENTIAL

CONFIDENTIAL

RELEASED

NOV 1 1996

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

APR 19 1994

CONSERVATION DIVISION
WICHITA, KS

TELEPHONE:
AREA CODE 913 483-2627

UNION CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

TO: ^{BX} ~~Borden~~, Inc.
401 E. Douglas, #402
Wichita, KS 67202

*Well
Fall*

INVOICE NO. 65854
PURCHASE ORDER NO. _____
LEASE NAME M.L. Long #1
DATE 1-31-94

SERVICE AND MATERIALS AS FOLLOWS:

Common 499 sks @ \$5.75	\$2,869.25
Pozmix 201 sks @ \$3.00	603.00
Gel 32 sks @ \$7.00	224.00
Chloride 23 sks @ \$25.00	575.00
FloSeal 144# @ \$1.10	158.40

1449.83

Handling 700 sks @ \$1.00	700.00
Mileage (30) @ \$.040 per sk per mi	840.00
Surface	525.00
Mi @ \$2.25 pmp trk chg	67.50
1 plug	83.00

1 Cement Nose Guide Shoe	\$224.00
1 Insert	258.00
2 Centralizers	122.00

Total

CONFIDENTIAL
AUG 17
KCC
\$4,429.65

BCP
2,215.50

604.00

\$7,249.15

Thankyou!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

FROM CONFIDENTIAL

NOV 1 1996

RELEASED

RECEIVED
STATE CORPORATION COMMISSION
AUG 10 1994
CONSERVATION DIVISION
WICHITA, KANSAS

CUSTOMER COPY

INVOICE



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

CONFIDENTIAL

INVOICE NO.	DATE
574618	02/08/1994

WELL LEASE NO./PROJECT ML MULONG 1		WELL/PROJECT LOCATION NCC STEVENS AUG 17		STATE KS	OWNER SAME
SERVICE LOCATION LIBERAL		CONTRACTOR BEREDCO	JOB PURPOSE PLUG TO ABANDON		TICKET DATE 02/08/1994
ACCT. NO. 069439	CUSTOMER AGENT ROB RATCLIFF	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 63736

BEREXCO
P O BOX 723
HAYS, KS 67601

Well Full

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	70 MI		2.75	192.50
		1 UNT			
009-019	PLUGGING BK SPOT CEMENT OR MUD	3150 FT		1,445.00	1,445.00
		1 UNT			
504-043	CEMENT - PREMIUM	141 SK		9.44	1,331.04
506-105	POZMIX-A	6956 LB		0.067	466.05
507-277	HALLIBURTON-GEL BENTONITE	8 SK		15.50	124.00
500-207	BULK SERVICE CHARGE	251 CFT		1.35	338.85
500-306	MILEAGE CMTG MAT DEL OR RETURN	374.9025 TMI		.95	356.16

INVOICE SUBTOTAL

4,253.60

DISCOUNT-(BID)
INVOICE BID AMOUNT

1,063.39-
3,190.21

M BCP

RELEASED

NOV 1 1996

FROM CONFIDENTIAL

CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

APR 19 1994

CONSERVATION DIVISION
WICHITA, KS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$3,190.21

AFFIX JOB TKT TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid Continent
Liberal

BILLED ON TICKET NO. *574618*

CUSTOMER

Borecco

LEASE

McLain

WELL NO.

JOB TYPE

PTA

DATE *2-8-94*

WELL DATA

FIELD *W. Satauta* SEC *12* TWP. *31s* RNG. *35w* COUNTY *Stevens* STATE *KS*

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>U</i>	<i>24</i>	<i>8 1/2</i>	<i>K.B.</i>	<i>1731</i>	
LINER						
TUBING	<i>U</i>	<i>11.6</i>	<i>4 1/2</i>	<i>K.B.</i>	<i>3150</i>	
OPEN HOLE			<i>2 7/8</i>	<i>1731</i>	<i>5700</i>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>2-7-94</i>	DATE <i>2-8-94</i>	DATE <i>2-8-94</i>	DATE <i>2-8-94</i>
TIME <i>22:30</i>	TIME <i>00:30</i>	TIME <i>01:00</i>	TIME <i>05:30</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>R. Taylor</i>	<i>D4037</i>	<i>Liberal</i>
<i>S. Tate</i>	<i>E0568</i>	<i>Liberal</i>
<i>M. Lewis</i>	<i>50939</i>	<i>Hogaton</i>
	<i>G.2896</i>	<i>4734</i>

TOOLS AND ACCESSORIES	TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR			
FLOAT SHOE			
GUIDE SHOE			
CENTRALIZERS			
BOTTOM PLUG			
TOP PLUG			
HEAD			
PACKER			
OTHER			

CONFIDENTIAL

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
DISPL. FLUID _____ DENSITY _____ LB/GAL. API
PROP. TYPE _____ SIZE _____ LB. API
PROP. TYPE _____ SIZE *1 1/2* LB. API
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____ IN.
NE AGENT TYPE _____ GAL. _____ IN.
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN.
GELLING AGENT TYPE _____ GAL.-LB. _____ IN.
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN.
BREAKER TYPE _____ GAL.-LB. _____ IN.
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

CONFIDENTIAL

RELEASED

CONFIDENTIAL

AUG 17

HCC

DEPARTMENT *Cement*
DESCRIPTION OF JOB *PTA*

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE *X John Roberts*

HALLIBURTON OPERATOR *R. Lutz* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>235</i>	<i>120-90 PCE</i>	<i>H</i>	<i>B</i>	<i>6% Gel</i>	<i>1.64</i>	<i>13.2</i>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY (BBL.-GAL.) *68.6*
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
ORDERED _____ AVAILABLE _____ USED _____ REMARKS
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET _____ REASON _____

See Job log



JOB LOG FORM 2013 R-4

CUSTOMER **Bercexco** WELL NO. **1** LEASE **McLong** JOB TYPE **PTA**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	02:30							Called out
	00:30							ON location
	01:00							hookup iron
	01:30	4.5	10			250		Start water ahead
	01:33	5	29			250		Start Cement
	01:40	3	3.5			100		Start water behind
	01:41	6	3.3			150		Start mud displacement
	01:50					0		Plug down & balanced @ 3150'
	01:55							Rig pulling D.P.
	02:25							hookup iron
	02:30	5	10			200		Start water ahead
	02:32	5	14.5			200		Start Cement
	02:37	3	3.5			150		Start water behind
	02:38	5	17.5			150		Start mud displacement
	02:42					0		Plug down & balanced @ 1250'
	02:45							Rig pulling D.P.
	03:15							hookup iron
	03:26	5	15.5			150		Start water ahead
	03:31	5	14.5			150		Start Cement
	03:37	3	7.5			50		Start water displacement
	03:40					0		Plug down & balanced @ 600'
	03:45							Rig pulling D.P.
	05:00							hookup iron
	05:05	3	3			50		Start Cement
	05:06					0		Shut down, move to Mouse hole
	05:10	3	3			50		Start Cement
	05:11					0		Shut down, move to Rat hole
	05:16	3	4			50		Start Cement
	05:17					0		Shut down
	05:30							Job Complete

CONFIDENTIAL

FROM CONFIDENTIAL

CONFIDENTIAL

AUG 7

HCC

Thanks for Calling
 Halliburton
 Richard
 & Crew