

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

ORIGINAL

API NO. 15-189-21636-00-00

County STEVENS

- N/2 - N/2 - NE Sec 5 Twp 34 Rge 38 XX W E

330 Feet from S(N) (circle one) Line of Section

1320 Feet from E(W) (circle one) Line of Section

Footages Calculated from Nearest Outside section Corner:
[NE] SE, NW, or SW (circle one)

Lease Name VIRGINIA CAREY Well # 1-5

Field Name _____

Producing Formation None Yet

Elevation; Ground: 3221 KB: 3233

Total Depth ~~2968~~ 6615' ^{KCC} ~~PP~~ PBTD

Amount of Surface Pipe Set and Cemented at 1760 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.

Drilling Fluid Management Plan ALT 1 QW 11-2-94
(Date must be collected from the Reserve #1)

Chloride Content 1200 ppm Fluid Volume 8900 bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____

Quarter Sec 5 Twp 34 Rge 38 E/W E

County _____ Docket No. _____

OPERATOR: License # 5363

Name: BEREXCO INC

Address 970 FOURTH FINANCIAL CENTER

City/State/Zip WICHITA, KS 67202

Purchaser: _____

Operator Contact Person: EVAN C. MAYHEW

Phone (316) 265-3311

Contractor: BEREDCO INC

License: 5147

Wellsite Geologist: Charles Spradlin JUL 15 1996

Designate Type of Completion
XX New Well Re-Entry Workover

Oil SWD SIOW X Temp. Abd.
Gas EHHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry; oil well info as follows:

Operator: _____ ^{KCC}

Well Name: _____

Comp. Date _____ Old Total Depth JUN 23

Deepening Re-Perf Conv. to Inj/SWD
Plug Back PBTD

Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

05/13/94 05/29/94 sold to Mobil
Spud Date Date Reached TD Completion Date

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 May

Title DIVISION ENGINEER Date 6/9/94

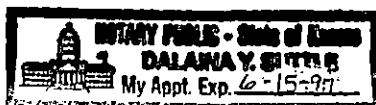
Subscribed and sworn to before me this 9th day of June 1994.

Notary Public Dalana Y. Suttle

Date 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)

Form ACO-1 (7-91)



CONFIDENTIAL

RELEASED

FROM CONFIDENTIAL

CONFIDENTIAL

RECEIVED

JUN 27 1994

CONSERVATION DIVISION
Wichita, Kansas

Operator Name BEREXCO INC
 Sec 5 Twp 34 Rge 38 East
 East
 West

Lease Name VIRGINIA CAREY Well # 1-5
 County STEVENS

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 pressure, 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

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

SEE ATTACHED

RELEASED

JUL 15 1996

FROM CONFIDENTIAL

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

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	1760	Halco Lite	560	2% cc; 1/4# flocele
PRODUCTION	7-7/8				Prem Plus	150	

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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

KCC

JUN 23

CONFIDENTIAL

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____
 Estimate Production Per 24 Hours Oil Bbls Gas MCF Water 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

DRILLSTEM TESTS
Virginia Carey #1-5
Sec. 5-34S-38W
Stevens County, KS

CONFIDENTIAL

DST #1 Lost circulation on way in.

DST #2 (6206'-6223') 1st LOWER MORROW SAND
15(30)120(120)

BLOW: Strong blow off bottom of bucket in 2 minutes.

BLOW: Strong blow off bottom of bucket immediately.

IH: 2975

IFP: 49/49

ISIP: 523

FFP: 59/59

FSIP: 1274

FH: 2809

T: 122

REC: 970' gas in pipe + 10' slightly gas cut mud

DST #3 (6223'-6228') 2nd LOWER MORROW SAND
15(30)60(120)

BLOW: Strong blow immediately but no gas to surface.

BLOW: Strong blow with gas to surface in 2 minutes (see rates).

IH: 2907

IFP: 59/59

ISIP: 1474

FFP: 59/128

FSIP: 1484

FH: 2850

T: 130

REC: 90' slightly gas cut mud + 90' muddy water (30% mud, 70% water).

FINAL FLOW RATES:

<u>TIME</u>	<u>MCFPD</u>
10	8.9
20	15.7
30	20.7
40	20.7
50	20.7
60	19.5

RELEASED

JUL 15 1996

FROM CONFIDENTIAL

KCC
JUN 23
CONFIDENTIAL

ORIGINAL

DRILLSTEM TESTS
Virginia Carey #1-5
Sec. 5-34S-38W
Stevens County, KS

DST #4 (6238'-6250')
15(30)60(120)
BLOW: Off bottom 5 minuts.
BLOW: Weak blow built off bottom 35 seconds.
IH: 3005
IFP: 49/79
ISIP: 1474
FFP: 158/266
FSIP: 1513
FH: 2838
T: 132
REC: 100' slightly oil cut mud (5% oil) + 510' saltwater

RELEASED

JUL 15 1996

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JUN 27 1994

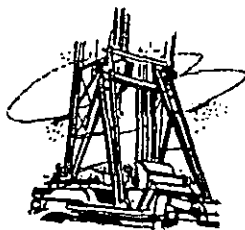
CONSERVATION DIVISION
Wichita, Kansas

KCC

JUN 23

CONFIDENTIAL

ORIGINAL



CHARLES B. SPRADLIN

GEOLOGIST

8403 TAMARAC

WICHITA, KANSAS 67206

316-683-9026

CONFIDENTIAL

GEOLOGICAL REPORT

BEREXCO INC. Virginia Carey #1-5
C N/2 N/2 NE/4 Sec. 5-34S-38W
Stevens County, Kansas

RELEASED

JUL 15 1996

Spud date: 5-13-94

Drilling completed: 5-29-94 FROM CONFIDENTIAL

Elevations: 3233 KB
3231 DF
3221 GL

Comparison well: Anadarko Petroleum Corporation #1-A Olson
C NE/4 SW/4 SE/4 Sec. 32-33S-38W
(Producing well 1683' north/northeast)

<u>Formation</u>	<u>Sample Top</u>	<u>E-Log Top</u>	<u>Datum</u>	<u>Compared to S.N.U. #33-6</u>
Base/Heebner	4170	4176	(- 943)	10' low
Toronto	4184	4184	(- 951)	4' low
Lansing	4274	4277	(-1044)	9' low
Lansing "D"	4420	4426	(-1193)	8' low
Lansing "G"	4625	4636	(-1403)	13' low
Kansas City "A"	4798	4806	(-1573)	10' low
Kansas City "B"	4871	4884	(-1651)	6' low
BKC	4993	4998	(-1765)	11' low
Marmaton	5013	5016	(-1783)	8' low
Cherokee	5292	5302	(-2069)	17' low
Atoka	5518	5525	(-2292)	17' low
Morrow	5819	5822	(-2589)	10' low
1st Lower Sand	6203	6212	(-2979)	28' low
2nd Lower Sand	6226	6238	(-3005)	30' low
Keys Sand	6253	6265	(-3032)	35' low
Chester	6291	6298	(-3065)	13' low
St. Genevieve	6479	6476	(-3243)	44' low
St. Louis "C"	6575	6578	(-3345)	flat
Total Depth	6615	6626	(-3393)	---

KCC

JUN 23

CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JUN 27 1994

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

KCC

Zones of Interest and DST's
(All measurements corrected to E-log measurements)

JUN 23

Toronto 4189 - 4203

CONFIDENTIAL

Limestone, snow white, finely crystalline, dolomitic, fossiliferous, cherty, tripolitic, good intercrystal and weathered vuggy porosity. No show.

Lansing "B" 4332 - 4337

Limestone, buff, finely crystalline, very fossiliferous with abundant brecciated fusilinids, trace of dead staining on a few pieces only. No other show.

Lansing "C" 4347 - 4354

Limestone, gray to buff, finely crystalline, oomoldic with large lined molds, excellent oomoldic porosity. No show.

Lansing "E" 4520 - 4528

Limestone, buff, very finely crystalline, clastic with good interfragment porosity. No show.

Lansing "F" 4544 - 4562

Limestone, cream to buff, finely crystalline, clastic, fossiliferous, oolitic and oomoldic with medium to large coated oolites and lined molds, good intercrystal, interfragment, interoolitic and oomoldic porosity. No show.

Lansing "H" 4651 - 4672

Limestone, gray to brown, finely crystalline, clastic, fossiliferous, very chalky, slightly oomoldic, good intercrystal, interfragment, interfossil and oomoldic porosity. No show.

Lansing "I" 4748 - 4772

Limestone, light buff, very finely crystalline, chalky, very fossiliferous, very clastic with fair to good interfragment and interfossil porosity. No show.

Kansas City "A" 4814 - 4820

RELEASED

Limestone, brown, very fossiliferous with abundant brecciated microfossils, poor to fair interfossil porosity. No show.

Marmaton 5051 - 5062

FROM CONFIDENTIAL

Limestone, gray, finely crystalline, fossiliferous, oolitic with medium sized "birdseye" oolites, poor to fair interfossil and interoolitic porosity. No show.

RECEIVED
STATE CORPORATION COMMISSION

JUN 27 1994
CONSERVATION DIVISION
Wichita, Kansas

JUL 5 1995

Pawnee 5240 - 5256

Limestone, dark brown, very finely crystalline, fossiliferous, fair interfossil porosity. No show.

Morrow - 1st Lower Sand 6212 - 6236

Sand, clear, stained green, speckled with bright green granular glauconite, fine grained, sub-rounded to well-rounded, well sorted, poor to fair intergrain porosity. No show except a 353 unit gas increase.

Drill Stem Test #1 6218 - 6229 (Morrow 1st Lower Sand)
Misrun (lost circulation going in the hole).

Drill Stem Test #2 6218 - 6235 (Morrow 1st Lower Sand)
Tool open 135 minutes.

Recovered: 970 feet of free gas
10 feet of slightly gas cut mud

IFP	49-49	15"
ISIP	523	30"
FFP	59-59	120"
FSIP	1274	120"
HH	2975/2908	
BHT	122 degrees	

Morrow - 2nd Lower Sand 6238 - 6250

Sand, clear to greenish white, variegated, mostly medium to coarse grained, ill sorted, angular to sub-angular, calcareous, glauconitic with big glauconite grains, slightly fluoritic, abundant black heavy mineral inclusions, pyritic with a few pyritized small spiral gastropods, soft and friable, fair to good intergrain porosity; mostly clean with a few pieces slightly discolored, no other show except a 440 unit gas increase.

Drill Stem Test #3 6235 - 6250 (Morrow - 2nd Lower Sand)
Tool open 75 minutes.

Gas to surface 2 minutes into the second opening.
Gauged 8.95 mcf/gpd in 10 minutes increased to 20.7 mcf/gpd in 30 minutes and stabilized.

Recovered: 90 feet of slightly gas cut mud
90 feet of muddy salt water

IFP	59-59	15"
ISIP	1474	30"
FFP	59-128	60"
FSIP	1484	120"
HH	2907/2850	
BHT	130 degrees	

RELEASED

JUL 15 1996

RECEIVED
STATE CORPORATION COMMISSION
JUN 27 1994
CONSERVATION DIVISION
Wichita, Kansas

FROM CONFIDENTIAL

Morrow - 2nd Lower Sand 6250 - 6262

Sand, clear, medium to coarse grained, well-rounded to sub-rounded, very glauconitic, calcareous, good intergrain porosity. No show, no gas increase.

Drill Stem Test #4 6250 - 6262 (Morrow - 2nd Lower Sand)
Tool open 75 minutes.

Recovered: 100 feet of slightly oil cut mud (5% oil)
510 feet of salt water

IFP	49-174	15"
ISIP	1474	30"
FFP	158-266	60"
FSIP	1513	120"
HH	3005/2838	
BHT	132 degrees	

Keyes Sand 6265 - 6274

Sand, gray, variegated, mostly medium grained, very angular and ill-sorted, calcareous, glauconitic, soft and friable, good intergrain porosity, 99.9% barren, possible slight discolor on a few pieces only, no other show. No gas increase.

Keyes Sand 6280 - 6296

Sand, clear to gray, medium grained, angular, soft, friable, slightly calcareous, reddish stain on some scattered pieces, no show of oil, no gas increase.

Remarks and Recommendations

It was recommended that BEREXCO relinquish their interest in the well and turn the hole over to Mobil for a completion attempt in the Hugoton.

Charles B. Spradlin
June 5, 1994

RELEASED
JUL 15 1996
FROM CONFIDENTIAL

RECEIVED
STATE COMMISSION
JUN 27 1994
CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER COPY

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



HALLIBURTON

ORIGINAL

INVOICE

INVOICE NO.	DATE
677370	05/14/1997

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
VIRGINIA CAREY 1-5	STEVENS	KS	BEREXCO
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	N/A	CEMENT SURFACE CASING	05/14/1997
ACCT NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
069439	GARY MARSHALL		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	6936

BEREXCO
P O BOX 723
HAYS, KS 67601

RELEASED

JUL 15 1996

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

FROM CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	780 MI	UNT	2.75	220.00
001-016	CEMENTING CASING	1762 FT	UNT	1,320.00	1,320.00
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8 IN	UNT	130.00	130.00
16A	CASING SHOE - 8 5/8" BRD THD	1 EA	EA	161.00	161.00
830.2171		1 EA	EA	161.00	161.00
24A	INSERT FLOAT VALVE - 8 5/8"	1 EA	EA	171.00	171.00
815.19501		1 EA	EA	171.00	171.00
27	FILL-UP UNIT 7" - 8 5/8"	1 EA	EA	55.00	55.00
815.19415		1 EA	EA	55.00	55.00
40	CENTRALIZER - 8-5/8 X 12-1/4	3 EA	EA	65.00	195.00
806.61048		3 EA	EA	65.00	195.00
504-050	CEMENT - PREMIUM PLUS	150 SK	SK	10.36	1,554.00
504-120	CEMENT - HALL LIGHT PREM PLUS	560 SK	SK	9.28	5,196.80
507-210	FLOCELE	140 LBT	LBT	1.65	231.00
509-406	ANHYDROUS CALCIUM CHLORIDE	13 SK	SK	36.75	477.75
500-207	BULK SERVICE CHARGE	745 CFT	CFT	1.35	1,005.75
500-306	MILEAGE CMTG MAT DEL OR RETURN	501.953 TMI	TMI	.95	476.86
INVOICE SUBTOTAL					11,194.16
DISCOUNT-(BID)					4,141.81
INVOICE BID AMOUNT					7,052.35
*-KANSAS STATE SALES TAX					298.03
*-SEWARD COUNTY SALES TAX					60.83
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$7,411.21

CONFIDENTIAL

CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
JUN 27 1994

CONSERVATION DIVISION
Wichita, Kansas

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



CHARGE TO: Borexco Inc.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

ORIGINAL
 TICKET 677370 - 1
 PAGE 1 OF 1

FORM 1906 R-13

SERVICE LOCATIONS: 1. 25540 Liberville 2. 25535 Ngaitau
 WELL/PROJECT NO.: 1-5 LEASE: Virginia Corey COUNTY/PARISH: Stevens STATE: Ks CITY/OFFSHORE LOCATION: Loc. DATE: 5-14-94 OWNER: Borexco
 TICKET TYPE: SERVICE SALES NITROGEN JOB? YES NO CONTRACTOR: Borexco RIG NAME/NO.: 2nd SHIPPED VIA: Loc. DELIVERED TO: Loc. ORDER NO.: _____
 WELL TYPE: _____ WELL CATEGORY: 0103 JOB PURPOSE: 010 8 1/2 WELL PERMIT NO.: _____ WELL LOCATION: Soe Fr Frerita
 REFERRAL LOCATION: _____ INVOICE INSTRUCTIONS: _____

CONFIDENTIAL No. JUN 23

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM.	QTY.	UM.	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
001-117	ORIGINAL	1			MILEAGE	80	hrs			2.75	220.00
001-016		1			Pump change	1762	FT				1320.00
030-018		1			5w Top Plug	1	End	8 1/2		130.00	130.00
16A		830-2171	1		Guide shoe	1	End	8 1/2		161.00	161.00
24A		815-1950	1		Turned Flant	1				171.00	171.00
27		815-19415	1		Flhup	1				55.00	55.00
40	806-61048	1		Centralizers	3				65.00	195.00	

RELEASED APR 15 1995 FROM CONFIDENTIAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: X Gary Marshall

DATE SIGNED: _____ TIME SIGNED: _____ A.M. P.M.

SUB SURFACE SAFETY VALVE WAS: PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?			
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
WELL DEPTH		ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
TREE CONNECTION	TYPE VALVE	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL: 2252.00
 FROM CONTINUATION PAGE(S): 8942.16
 SUB-TOTAL: 11194.16
 APPLICABLE TAXES WILL BE ADDED ON INVOICE

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): GARY MARSHALL CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): X Gary Marshall HALLIBURTON OPERATOR/ENGINEER: Dennis Green EMP #: 59179 HALLIBURTON APPROVAL: Harold Deaton 37%



JOB SUMMARY

HALLIBURTON DIVISION

HALLIBURTON LOCATION

11/12 Cont.

Liberal, Ks

BILLED ON TICKET NO.

677370

WELL DATA
FIELD _____ SEC. 5 TWP. 34 RNG. 38 COUNTY Stevens STATE Ks

FORMATION NAME CONFIDENTIAL TYPE _____
 FORMATION THICKNESS 2 NAF 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		24	8 5/8	KB		
LINER						
TUBING						
OPEN HOLE			12 1/4	GL	1762	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-14</u>	DATE <u>5-14</u>	DATE <u>5-14</u>	DATE <u>5-14</u>
TIME <u>1200</u>	TIME <u>1345</u>	TIME <u>1904</u>	TIME <u>2015</u>

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLANGECOLLAR <u>Insert float</u>	<u>1</u>	<u>Hawco</u>
GUIDE SHOE <u>Fillup</u>	<u>1</u>	<u>Hawco</u>
CENTRALIZERS <u>To fat</u>	<u>3</u>	<u>Hawco</u>
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
<u>D Gera</u>	<u>59179</u>	<u>40075 Liberal Ks</u>
<u>D Warr</u>	<u>E1591</u>	<u>4903/7848</u>
<u>B Garraison</u>	<u>62729</u>	<u>5086/5505 Hogston Ks</u>
<u>D Hamilton</u>	<u>63090</u>	<u>4444/5839</u>

MATERIALS
 TREAT. FLUID _____ DENSITY _____ LB/GAL. API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. API
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ 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 _____

DEPARTMENT Cement
 DESCRIPTION OF JOB 8 5/8 SERVICE
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE Gary Marshall
 HALLIBURTON OPERATOR D Gera COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>550</u>	<u>Prem Plus</u>	<u>JUST</u>	<u>29 CC</u>	<u>1/4 # flocc</u>	<u>2.05</u>	<u>12.3</u>
	<u>150</u>	<u>Prem Plus</u>		<u>29 CC</u>		<u>1.32</u>	<u>14.8</u>

PRESSURES IN PSI
 CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 42 REASON She joint

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 109.5
 CEMENT SLURRY: BBL.-GAL. 217.7
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Rebacco Tr.		1-5		Virginia Covey		8 5/8 Surface		677370	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				ST	CC	TUBING	CASING		
	1200							Time Called	
	1300	1400						Time Ready	
								Time on loc.	
	1500							Start Pump casing	
	1604							Casing in Hole	
	1905							Hookup To Cigarette Casing	
	1915							Cigarette Casing w/pc pump	
	1918							Cigarette Mud To Gravel Level	
	1923							Hookup To Pump Track	
	1925	6.8				250		Start Mixing Cement	
	1950		204.45			250		Start To D Cement	
	1956		35.26			300		Finish Mixing Cement	
	1957		239.71			300		Shut Down	
								Deep Plug	
	1958	6.4				150		Start Displacement	
			109.5					wash Pump's & Lines	
	2015					400		Plug Down	
								Float Hatch	
								Circulate Cement To The Pot	
								Thanks For Calling Halliburton Energy Services	

RECEIVED STATE CORPORATION COMMISSION
 JUN 27 1994
 CONSERVATION DIVISION WICHITA, KANSAS
 CONFIDENTIAL
 JUN 23 1994

ORIGINAL
 FROM CONFIDENTIAL
 JUL 15 1996
 RELEASED