

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: BREXCO INC

Address 970 Fourth Financial Center

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: _____

Phone (316) 265-3311

Contractor: Name: BEREDCO INC

License: 5147

Wellsite Geologist: Ed Grieves

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD SLOW Temp. Abd.
 Gas EMHR SIGW
 Dry Other (Core, USW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: RELEASED

Well Name: _____

Comp. Date MAY 24 1995 Old Total Depth _____

- Deepening Re-entry Conversion Other
- Plug Back PBTB
- Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

1/20/93 1/30/93 1/31/93
 Spud Date Date Reached TD Completion Date

API NO. 15- 093-21248

County Kearney

NE - SE - NE Sec. 23 Twp. 22 Rge. 38 U

1680 Feet from S (circle one) Line of Section
330 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE SE NW or SW (circle one)

Lease Name Hendershot Well # 1-23

Field Name Patterson

Producing Formation _____

Elevation: Ground 3329 KB 3342

Total Depth 5150 PBTB 0

Amount of Surface Pipe Set and Cemented at 1856 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/ _____ ex cmt.

Drilling Fluid Management Plan DIA 4-2-93
 (Data must be collected from the Reserve Pit)

Chloride content 2300 ppm Fluid volume 3000 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name MAR 23 1993 License No. _____

Quarter CONSERVATION DIVISION S Rng. _____ E/W
WICHITA, KS

County _____ Docket No. _____

CONFIDENTIAL

MAR 22
CONFIDENTIAL

RECEIVED
 KANSAS CORPORATION COMMISSION
 3-23-93
 MAR 23 1993
 CONSERVATION DIVISION
 WICHITA, KS

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 82-3-130, 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 form with all plugged wells. 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 Ewon C May

Title Division Engineer Date 3-22-93

Subscribed and sworn to before me this 22 day of March 1993.

Notary Public Kimberly K. Conner

Date Commission Expires July 14, 1996

KIMBERLY K. CONNER
 My Appt. Exp. 7-14-96

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

ORIGINAL

Operator Name BEREXCO INC Lease Name Hendershot Well # 1-23
 Sec. 23 Twp. 22 Rge. 38 County Kearny
 East
 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attached.		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	147... 200		
List All E.Logs Run:	See attached.			

CASING RECORD <input type="checkbox"/> New <input checked="" 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	25	1856'	35/65 POZ	610	2% cc; 1/4# flocele
	"	"	"	"	CLASS. 35/65	150	2% cc; 1/4# flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD				
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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	Production Interval	
					<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj.				Producing Method <input type="checkbox"/> Flowing <input 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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

ORIGINAL

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Geological Report
BEREXCO INC.
#1-23 Hendershot
NE SE NE Sec. 23
T22S-R38W
Kearny County, Kansas

RELEASED

API #15-093-21248-0000

Spud Date: 1/20/93
Comp Date: 1/30/93
Report Date: 1/31/93

MAY 24 1995

MAR 22 -

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Tops:

BEREXCO INC.
#1-23 Hendershot
NE SE NE Sec. 23
T22S-R38W
KB 3342

BEREXCO INC.
#1-25 Luella
W/2 NE NW Sec. 25
T27S-R38W
KB 3340

	Sample	Log	Log
Base Heebner	3841	3845 - 503	3806 - 466
Toronto	3862	3866 - 524	3822 - 482
Lansing Fm.	3900	3903 - 561	3862 - 522
Lansing "B"	3952	3953 - 611	3917 - 577
Base Lansing "I"	4208	4210 - 868	4172 - 832
Kansas City "A"	4226	4229 - 887	4190 - 850
Marmaton Fm.	4374	4389 - 1047	4346 - 1006
Pawnee	4461	4476 - 1134	4433 - 1093
Ft. Scott	4493	4512 - 1170	4465 - 1125
Cherokee Fm.	4512	4526 - 1184	4478 - 1138
Morrow Fm.	4761	4762 - 1220	4722 - 1382
St. Louis	4961	4966 - 1624	4921 - 1581
1st St. Louis Por Zn.	4988	4990 - 1648	4946 - 1606
TD	5150	5150 --	5099 --

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MAR 23 1993
CORPORATION DIVISION
WICHITA, KS



DOWELL SCHLUMBERGER INCORPORATED

ORIGINAL

15-093-21248-0800
FIELD COPY

INVOICE

REMIT TO:

P O BOX 890780
DALLAS TX 75389-0780

INVOICE DATE
01/22/93

PAGE
1

INVOICE NUMBER
03-12-5086

TYPE SERVICE
CEMENTING CEMENT SURFACE C

911355
HEREDCO
SUITE 402
401 E DOUGLAS
WICHITA

KS 67202

CONFIDENTIAL

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
HEADERSHED 1-25	KS	KEANSY	ULYSSES	DS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 23-225-38U			01/22/93	GARY MARSHALL	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
102971020	CSNG CRMT 1501-2000' 1ST SHR	SHR	1	1,100.0000	1,100.00
049102000	TRANSPORTATION CRMT TON MILE	MI	899	.8000	791.12
049100000	SERVICE CHG CEMENT MATL LARD	CFT	040	1.2000	1,008.00
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	140.0000	140.00
059200002	MILEAGE, ALL OTHER EQUIPMENT	KT	25	2.6500	66.25
048601000	CEMENT HEAD RENTAL	JOB	1	.0000	N/C
040003000	8903. CEMENT CLASS C	CFT	547	7.9800	4,365.06
045000000	D35. LITEPOZ 3 EXTENDER	CFT	213	3.9400	839.22
045014050	D20. BENTONITE EXTENDER	LBS	3186	.1500	477.90
067005100	S1.CALCIUM CHLORIDE	LBS	1344	.3600	483.84
044003025	D29. CELLOPHANE FLAKES	LBS	191	1.5900	303.69
050001000	SHOE REG PTTN GUIDE 8-5/8'	EA	1	225.0000	225.00
050011005	CENTR REG 8-5/8.0 DIA 12"	EA	3	74.0000	222.00
053003005	INSERT ORIFICE FILL 8-5/8'	EA	1	330.0000	330.00
056702005	PLUG CENG 8-5/8". TOP PLASTIC	EA	1	98.0000	98.00
057499001	K232. THD LKG COMPOUND KIT	EA	1	25.0000	25.00
	DISCOUNT - MATERIAL				2,874.19
	DISCOUNT - SERVICE				1,211.10
	SUB TOTAL --				6,389.79
H C	STATE TAX ON			4,978.10	243.93
H F C	LOCAL TAX ON			4,978.10	49.78
	AMOUNT DUE --				8,683.50

Well Fill

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MAY 24 1995

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MAR 23 1993

CONSERVATION DIVISION
WICHITA, KS

MAR 22

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WITH QUESTIONS CALL 316-356-1272
FEDERAL TAX ID # 38-239-7173
TERMS -- NET 30 DAYS DUE ON OR BEFORE FEB 21, 1993

THANK YOU. WE APPRECIATE YOUR BUSINESS.

J. B. Watson
J B WATSON

DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

SPECIAL HANDLING

15-093-21248-000

ORIGINAL

OILFIELD SERVICES INDUSTRIAL SERVICES

DSI SERVICE ORDER RECEIPT AND INVOICE NO. **5006**

DSI SERVICE LOCATION NAME AND NUMBER
 445505 KS 0312
 TYPE SERVICE CODE: **271**
 BUSINESS CODES:

CUSTOMER NUMBER
 CUSTOMER P.O. NUMBER

CUSTOMER'S NAME: **Bardco**
 ADDRESS: **(Bardco)**
 CITY, STATE AND ZIP CODE:

WORKOVER NEW WELL OTHER W N O
 API OR IC NUMBER

ARRIVE LOCATION MO. DAY YR. TIME
1 22 93 0300

SERVICE ORDER RECEIPT
 I certify that the materials and services listed were authorized and received and all services performed in a workmanlike manner and that I have the authority to accept and execute this document.

DSI will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS or DSI INDUSTRIAL SERVICE CONTRACT NO. _____ in accordance with the terms and conditions as printed on the reverse side of this form.

Cmt 8 5/8 surface casing per customer's orders w/o

JOB COMPLETION MO. DAY YR. TIME
20 93 1033

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

STATE: **Kansas** CODE: **24** COUNTY/PARISH: **LeFlore** CODE: **01** CITY: **Well**

WELL NAME AND NUMBER / JOB SITE: **Henderson 1-23** LOCATION AND POOL / PLANT ADDRESS: **309 23-1225-38 W**

SHIPPED VIA: **D.S.**

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
102871-020	Dyno Trk Chg	EA	1	1100.00	1100.00
49102-050	Deliv Chg	36 TM	1080	0.88	950.40
49102-000	Service Chg	F ³	810	1.20	1008.00
59697-000	PACK	EA	1	140.00	140.00
59200-002	Milage	mi.	30.5	2.45	74.73
48801-000	Cmt 11/12 Rental	EA	1	65.00	65.00
40003-000	C cmt	F ³	547	7.98	4365.06
45008-000	ditch 2oz m	F ³	213	3.94	839.22
45014-050	D20 Cell	lbs	2856	.15	428.40
62005-100	SI Cnclg	lbs	1344	.36	483.84
44003-025	D29 flake	lbs	191	1.59	303.49
5001-085	Tr ptn Guide Shoe	EA	1	225.00	225.00
50011-085	Centralizers	EA	3	74.00	222.00
53003-085	Auto fill flapper Jbrct	EA	1	330.00	330.00
56702-085	Rubber Plug	EA	1	98.00	98.00
57499-001	Thread Seal	EA	1	25.00	25.00

SERIALIZED
ORDERED
RELEASED

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MAY 24 1995

MAR 22

MAR 23 1993

Field Est. 10,647.50 FROM CONFIDENTIAL CONFIDENTIAL CONSERVATION DIVISION WICHITA, KS

10,475.08

LICENSE/REIMBURSEMENT FEE

SUB TOTAL 6389.79

REMARKS: **Thank you for using Dowell Schlumberger**

STATE: **KS** COUNTY: **LeFlore** CITY: **Well**

SIGNATURE OF DSI REPRESENTATIVE: **Greg Black**

TOTAL \$: **6683.50**

Cementing Job Report

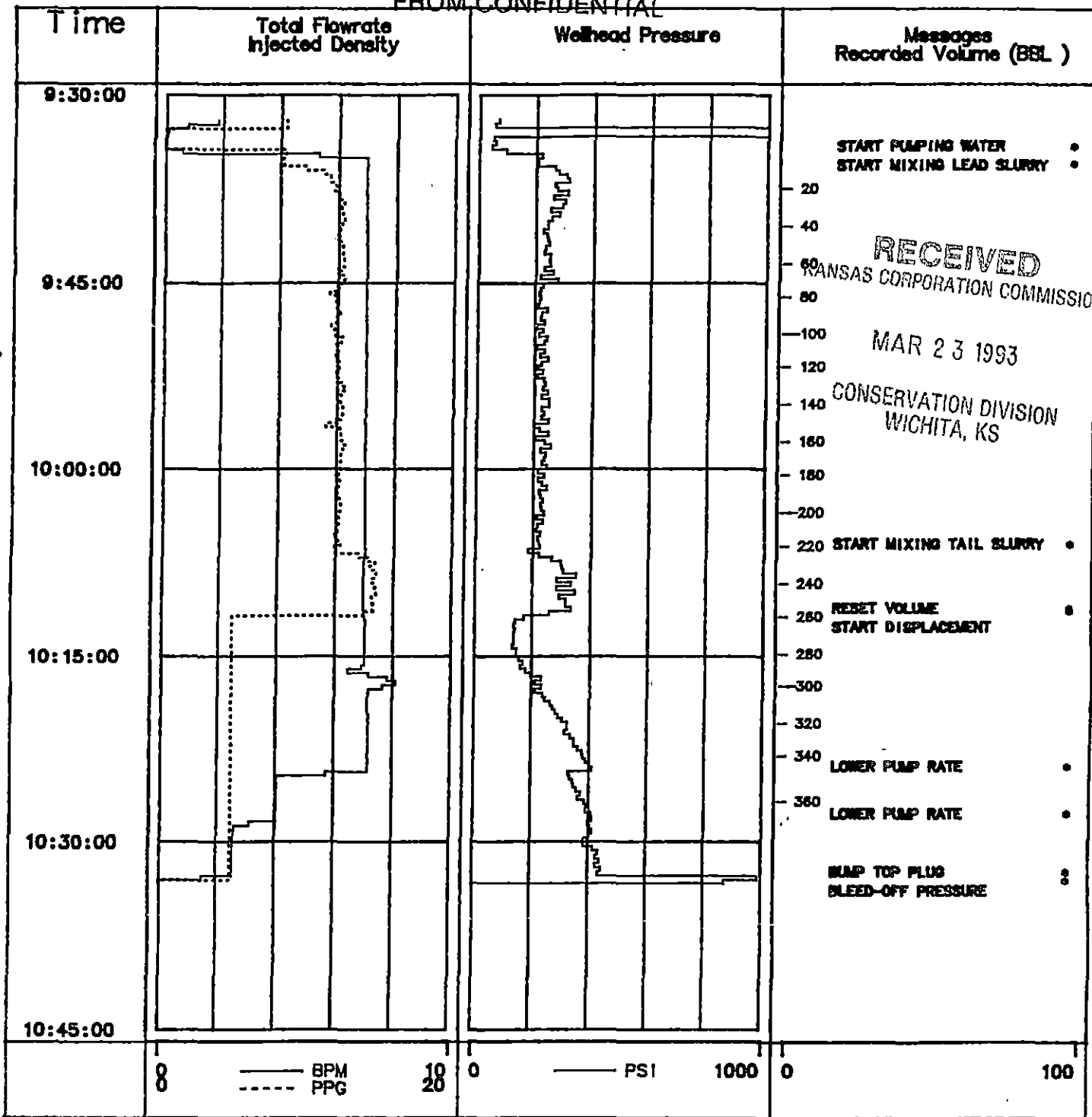
15-093-21248-0000
ORIGINAL

RELEASED

EXECUTION SUMMARY **MAY 2 4 1995**

WELL : HENDERSHOT 1-23
FIELD : HUGOTON
CLIENT : BEREXCO
COUNTRY : USA
JOB DATE : 1/22/93

FROM CONFIDENTIAL



© 1993 Dowell Schlumberger

231 JAN 1993 2:02

DET-001 2.1G1

MAR 2 2

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CEMENTING SERVICE REPORT

ORIGINAL **DS**
DOWELL SCHLUMBERGER INCORPORATED

15-093-21248-0000

TREATMENT NUMBER 3000 DATE 1/22/93
STAGE 1 DS OKS DISTRICT 0310

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. Henderson #23 LOCATION (LEGAL) Sec 23-20s-2840
FIELD-POOL Huckles FORMATION Salt
COUNTY/PARISH Kiowa STATE Kansas API. NO.

RIG NAME: Bardco #7
WELL DATA: BIT SIZE 12 1/4 CSG/Liner Size 8-7/8 BOTTOM TOP
TOTAL DEPTH 1500 WEIGHT 95
 ROT CABLE FOOTAGE 1550
MUD TYPE GRADE
 BHST BHCT THREAD 3"
MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 42 TOTAL
MUD VISC. Disp. Capacity 1811 109.2

NAME Bardco (Bardco) RELEASED
AND
ADDRESS
MAY 24 1995

SPECIAL INSTRUCTIONS
Slide max. no. of strokes to 2000 comb
Est. vol. cap. per column 2000
IS CASING/TUBING SECURED? YES NO
LIFT PRESSURE 794 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
PRESSURE LIMIT 500 PSI BUMP PLUG TO 1000 PSI
ROTATE --- RPM RECIPROCATATE --- FT No. of Centralizers 3

NOTE: Include Footage From Ground Level To Head In Disp. Capacity
Float TYPE 12 1/4 / 11 1/2 / 10 1/2 TYPE
DEPTH DEPTH
Stage Tool TYPE
DEPTH DEPTH
Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE TOOL TYPE
 Single WEIGHT DEPTH
 Swage GRADE TAIL PIPE: SIZE DEPTH
 Knockoff THREAD TUBING VOLUME Bbls
TOP OR OW NEW USED CASING VOL. BELOW TOOL Bbls
BOT OR OW DEPTH TOTAL Bbls
ANNUAL VOLUME Bbls

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
5:52	2000	NA	1	1	0.5	1/20	8.33				
7:34	NA	260	8	-	0.9	1/20	3.23				
9:25	1	270	228	-	0.9	1/20	12.2				
02:00	1	180	35	-	0.9	1/20	11.8				
03:00	NA	0	0	-	0	-	-				
08:11	1	150	109	-	0.7	1/20	5.33				
10:28	1	290	100	-	2.5						
10:32	1	1000	111	-	1.9						
02:33	NA	0	-	-							
02:23	1	0	-	-							

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WICHITA, KS
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REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED			
			1	2	3	4	BBLs	DENSITY		
1.	610	2.1	2 1/2	100	2 1/2	21	1 1/4	109	209.1	10.2
2.	150	1.32	C	2 1/2	21	1 1/4	109	229	35.3	14.0
3.										
4.										
5.										
6.										

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 1000 MIN: 0
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO 50 Bbls.
BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL: 109.2 Bbls TYPE OIL STORAGE BRINE WATER
Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE GAS INJECTION WILDCAT
PERFORATIONS CUSTOMER REPRESENTATIVE Gene Marshall DS SUPERVISOR Alleg Black

CEMENTING SERVICE REPORT

ORIGINAL **DS**

DOWELL SCHLUMBERGER INCORPORATED

15-093-21248-0200

TREATMENT NUMBER 5000	DATE 1/22/93
STAGE 1	DS DISTRICT UKS 0310

DS-485 PRINTED IN U.S.A.

WELL NAME AND NO. Henderson # 1-23	LOCATION (LEGAL) Sec 23-225-38W	RIG NAME: Bardco # 7
FIELD-POOL Hugolen	FORMATION Surf.	WELL DATA: BOTTOM TOP
COUNTY/PARISH Kearney	STATE Kansas	API NO.
NAME Bardco (Bardco)	AND	ADDRESS
SPECIAL INSTRUCTIONS Provide materials + services to satisfy cmt + 8-1/2" Surface Csg per customer orders.	IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE 794 PSI
CASING WEIGHT + SURFACE AREA (3.14 x R ²)	PRESSURE LIMIT 500 PSI	BUMP PLUG TO 1020 PSI
ROTATE RPM RECIPROCATATE FT No. of Centralizers 3	Head & Plugs <input type="checkbox"/> Double <input type="checkbox"/> Single <input type="checkbox"/> Swage <input type="checkbox"/> Knockoff	<input type="checkbox"/> TBG <input type="checkbox"/> D.P. SQUEEZE JOB

BIT SIZE 12 1/4	CSG/Liner Size 8-1/8	TOTAL DEPTH 1860	WEIGHT 85	FOOTAGE 1830	GRADE	THREAD 8-1/8	MUD DENSITY 42	MUD VISC. 1814	Disp. Capacity 109.2	TOTAL
NOTE: Include Footage From Ground Level To Hoop In Disp. Capacity										
Float	TYPE	DEPTH	SHOE	TYPE	DEPTH	TOOL	TYPE	DEPTH		
Head & Plugs: <input type="checkbox"/> Double, <input type="checkbox"/> Single, <input type="checkbox"/> Swage, <input type="checkbox"/> Knockoff <input type="checkbox"/> TBG, <input type="checkbox"/> D.P., SQUEEZE JOB Tail Pipe: SIZE, DEPTH, TUBING VOLUME (Bbls) Casing Vol. Below Tool (Bbls) Total (Bbls) Annual Volume (Bbls)										

TIME	PRESSURE		VOLUME PUMPED bbl		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
7:32	NA	NA	1	1	2.5	160	8.33	PRE-JOB SAFETY MEETING psi test done			
7:34	NA	260	8	-	6.9	160	8.33	160 amend			
7:35		270	228	-	6.9	cmt	12.2	Send cmt			
7:40		180	35	-	6.9	cmt	14.8	Tail cmt			
08:10	NA	0	0	-	0	-	-	Shut Down, Dropping			
08:11		150	109	-	6.9	160	8.33	Displace			
10:28		290	100	-	2.5			Lower pump Rt.			
10:32		1020	111	-	1.9			Bump plug			
02:33	NA	0						Release psi			
02:33	1	0						End Job			

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MAR 23 1993

CONSERVATION DIVISION
WICHITA, KS

FROM CONFIDENTIAL

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS					SLURRY MIXED				
							BBLs	DENSITY				
1.	410	2.1	32/65	702K	+ 6%	D20	+ 2%	SI	+ 1/4"	#12K D29	228.1	12.2
2.	150	1.32	C	+ 2%	SI	+ 1/4"	#12K	D29			35.3	14.8
3.												
4.												
5.												
6.												

CONFIDENTIAL

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 1020	MIN. 0
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 50 Bbls
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL. 109.2	Bbls	TYPE OF WELL
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE	<input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT
PERFORMANCES	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			Greg Marshall	Greg Black	

DOWELL SCHLUMBERGER INCORPORATED
P.O. BOX 4378 HOUSTON, TEXAS 77210

15-093-21248-0008
CUSTOMER

ORIGINAL

CONFIDENTIAL

OILFIELD SERVICES
INDUSTRIAL SERVICES

DSI SERVICE ORDER RECEIPT AND INVOICE NO.
5006

DSI SERVICE LOCATION NAME AND NUMBER
WILCOX KS. 0312

CUSTOMER NUMBER _____ CUSTOMER P.O. NUMBER _____

TYPE SERVICE CODE **271** BUSINESS CODES _____

CUSTOMER'S NAME **Berdec**
ADDRESS **(Berexco) Will**
CITY, STATE AND ZIP CODE _____

WORKOVER NEW WELL OTHER API OR IC NUMBER _____

ARRIVE LOCATION MO. DAY YR. TIME
1 22 93 0300

DSI will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS or DSI INDUSTRIAL SERVICE CONTRACT NO. _____ in accordance with the terms and conditions as printed on the reverse side of this form.

Cmt 8 3/4 surface csq per Customer's orders w/o

SERVICE ORDER RECEIPT
I certify that the materials and services listed were authorized and received and all services performed in a workmanlike manner and that I have the authority to accept and execute this document.

JOB COMPLETION MO. DAY YR. TIME
1 22 93 1033

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE _____

STATE **KANSAS** CODE _____ COUNTY/PARISH **Kearny** CODE _____ CITY _____

WELL NAME AND NUMBER / JOB SITE **Hendershot 1-23** LOCATION AND POOL / PLANT ADDRESS **SEC 23-225-380** SHIPPED VIA **D.S.**

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
102871-020	Dmp Tck Chg	EA	1	1100.00	1100.00
49102-000	Delivry Chg	30. Tm	1080	.88	950.40
49100-000	Service Chg	f ³	840	1.20	1008.00
59697-000	PAGE	EA	1	140.00	140.00
59200-002	Milage	Mi	30	2.65	99.50
48801-000	Cmt. Hand. Rental	EA	1	65.00	65.00
RELEASED MAY 24 1995					
40053-000	C cmt	f ³	547	9.98	4365.06
45008-000	dile 2oz WIT	f ³	213	3.94	839.22
45014-050	D20 Gell	lbs	385	.15	477.75
67005-100	Cl. Cady	lbs	1344	.30	403.20
44003-025	D29 stake	lbs	191	1.59	303.69
50001-085	Tr ptn Guide Shoe	EA	1	225.00	225.00
50011-085	Centralizes	EA	3	74.00	222.00
33003-085	Auto fill flapper insert	EA	1	330.00	330.00
56702-085	Rubber plug TAP	EA	1	98.00	98.00
57499-001	Thread lock kit	EA	1	25.00	25.00
field Est.	10,647.50				

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MAR 23 1993
CONSERVATION DIVISION
WICHITA

LICENSE/REIMBURSEMENT FEE _____

REMARKS: **Thank you for using Dowell Schlumberger**

STATE _____ COUNTY _____ CITY _____

SIGNATURE OF DSI REPRESENTATIVE **Greg Black** TOTAL \$ _____

ORIGINAL



15-093-21248-0000

DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	DATE
5006	1/22/93
STAGE	DS
1	UKS
DISTRICT	
	0312

WELL NAME AND NO.	LOCATION (LEGAL)
Henderahot 123	Sec 23-22S-38W
FIELD-POOL	FORMATION
Hogoten	Sud
COUNTY/PARISH	STATE
Kenno	Kansas
API. NO.	
NAME	
Bardco (Bardco)	
AND	
ADDRESS	
ZIP CODE	

RIG NAME:	Bardco #7		
WELL DATA:	BOTTOM	TOP	
BIT SIZE 12 1/4	CSG/Liner Size 8 7/8		
TOTAL DEPTH 1860	WEIGHT 95		
ROT <input type="checkbox"/> CABLE	FOOTAGE 1830		
MUD TYPE	GRADE		
<input type="checkbox"/> BHST	THREAD 8 7/8		
<input type="checkbox"/> BHGT	MUD DENSITY 42		TOTAL
MUD VISC.	Disp. Capacity 1814	109.2	

SPECIAL INSTRUCTIONS

Provide materials + services to safely cmt + 8 7/8 surface csg per customer orders.

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 794 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 500 PSI BUMP PLUG TO 1020 PSI

ROTATE — RPM RECIPROCATE — FT No. of Centralizers 3

NOTE: Include Footage From Ground Level To Head In Disp. Capacity				
Float	TYPE	10 1/2" / 10 1/2" / Joint	TYPE	
	DEPTH		DEPTH	
Stage Tool	TYPE	1 X 2 1/2"	TYPE	
	DEPTH		DEPTH	
Head & Plugs	<input type="checkbox"/> TGB	<input type="checkbox"/> D.P.	SQUEEZE JOB	
<input type="checkbox"/> Double	SIZE		TOOL	TYPE
<input checked="" type="checkbox"/> Single	<input type="checkbox"/> WEIGHT			DEPTH
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE		TAIL PIPE: SIZE	DEPTH
<input type="checkbox"/> Knockoff	<input type="checkbox"/> THREAD		TUBING VOLUME	Bbls
TOP <input type="checkbox"/> OR <input type="checkbox"/> OW	<input type="checkbox"/> NEW <input type="checkbox"/> USED		CASING VOL. BELOW TOOL	Bbls
BOT <input type="checkbox"/> OR <input type="checkbox"/> OW	DEPTH		TOTAL	Bbls
			ANNUAL VOLUME	Bbls

TIME	PRESSURE	VOLUME PUMPED BBL	JOB SCHEDULED FOR TIME: 1542 DATE: 1/22	ARRIVE ON LOCATION TIME: 0300 DATE: 1/22	LEFT LOCATION TIME: 11:15 DATE: 1/22
0001 to 2400	TGB OR D.P. CASING	INCREMENT CUM	INJECT RATE FLUID TYPE FLUID DENSITY	SERVICE LOG DETAIL	

TIME	TGB OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY
9:32	NA	NA	1	1	0.5	160	8.33
9:34	NA	260	8	—	6.9	160	8.33
9:35		270	228	—	6.9	Cmt	12.2
9:40		180	35	—	6.9	Cmt	14.8
9:10	NA	0	0	—	0	—	—
9:11		150	109	—	6.9	160	8.33
10:28		390	100	—	2.5		
10:32		1020	111	—	1.9		
0:33	NA	0	—	—			
0:33	1	0	—	—			

PRE-JOB SAFETY MEETING Psi test done

160 ahead

Leak cmt

Tail cmt

Shutdown, Dropping

Displace

Lower bump Rt.

Bump plug

Release Kongs

End Job

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REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED			
					BBLs	DENSITY		
1.	600	2.1	35/65 Pozk	+ 6% D20	+ 2% 31	+ 1/4 #12k D29	228.1	12.2
2.	150	1.32	C	+ 2% 31	+ 1/4 #12k D29		35.3	14.8
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 1020	MIN. 0
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 50 Bbls
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL. 109.2	Bbls
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			Gary Marshall	Greg Black	

ORIGINAL

HALLIBURTON SERVICES

Halliburton Company

CONFIDENTIAL

15-093-21248-020

INVOICENO.	DATE
305327	01/30/1993

INVOICE

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
ENDERSHOT 1-23		FINNEY		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	BEREXCO #7	PLUG TO ABANDON		01/30/1993	
CCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
59459	GARY MARSHALL			COMPANY TRUCK	46085

BEREXCO
P O BOX 723
HAYS, KS 67601

*Will
Full*

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
100-117	DRILLING AREA - EASTERN AREA1 MILEAGE	50	MI	2.75	137.50
109-019	PLUGGING BK SPOT CEMENT OR MUD	3000	FT	1,215.00	1,215.00
104-043	PREMIUM CEMENT	141	SK	8.69	1,225.29
106-105	POZMIX A	6954	LB	.067	466.05
106-121	HALLIBURTON-GEL 2%	4	LB	.00	N/C
107-277	HALLIBURTON-GEL BENTONITE	8	SK	15.50	124.00
100-207	BULK SERVICE CHARGE	251	CFT	1.25	313.75
100-306	MILEAGE CMTG MAT DEL OR RETURN	535.75	TMI	.85	455.39
INVOICE SUBTOTAL					3,936.98
DISCOUNT-(BID)					787.38-
INVOICE BID AMOUNT					3,149.60
*-KANSAS STATE SALES TAX					154.33
*-SEWARD COUNTY SALES TAX					31.49
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,335.42

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 23 1993

CONSERVATION DIVISION
WICHITA, KS

MAR 22
CONFIDENTIAL

BCP

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.

15-093-21248-0000

WELL NO.—FARM OR LEASE NAME 1-23 HENDER SHOT		COUNTY KEARNY	STATE KS	CITY / OFFSHORE LOCATION	DATE 1-30-93
TARGET TO BEREXCO INC.		OWNER SAME	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR BEREXCO #7	LOCATION 1 Liberal, KS		CODE 025546
CITY, STATE, ZIP		SHIPPED VIA HWCO	FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT	LOCATION 2 Hugoton, KS	CODE 025535
WELL TYPE 01, 02	WELL CATEGORY 06	WELL PERMIT NO.	DELIVERED TO LOCATION	LOCATION 3	CODE
EQUIPMENT AND PURPOSE OF JOB 115		ORDER NO. B- 122978	REFERRAL LOCATION		

As consideration, the above-named Customer agrees to pay Halliburton in accordance with the rates and terms stated in Halliburton's current price lists. 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
10-117				MILEAGE	50	Mi			275	137	50
9-019				PUMP CHARGE	3000	FT				1215	00
<p>RELEASED</p> <p>MAY 24 1995</p> <p>FROM CONFIDENTIAL</p>											
<p>RECEIVED</p> <p>KANSAS CORPORATION COMMISSION</p> <p>MAR 23 1993</p> <p>CONSERVATION DIVISION</p> <p>WICHITA, KS</p>											
<p>MAR 22</p> <p>CONFIDENTIAL</p>											

AGREE UNDECIDED DISAGREE

EQUIPMENT PERFORMED WITHOUT BREAKDOWNS.

UNDERSTOOD AND MET YOUR NEEDS.

SERVICE WAS PERFORMED WITHOUT DELAYS.

OPERATED THE EQUIPMENT AND PERFORMED JOB SATISFACTORILY.

YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND.

JARY MARSHALL

CUSTOMER OR HIS AGENT (PLEASE PRINT)

David Marshall

CUSTOMER OR HIS AGENT (SIGNATURE)

ERY TICKET NO. **B- 122978**

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

JOHN EBERSOLE

HALLIBURTON OPERATOR

HALLIBURTON APPROVAL **HP 2070**

2584	48
3936	98

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE

TRICT. LIBERAL, KS

DATE 1-30-93

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

MAY 24 1995

LL NO. 1-23 LEASE HENDER SHOT SEC. _____ TWP. _____ RANGE _____

D. _____ COUNTY KEARNY STATE KS. OWNED BY BELEXCO

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____ IMATION CKNESS MAR 23 1993 FROM _____ TO _____ OPER: TYPE _____ SET AT _____ TOTAL DEPTH _____ MUD WEIGHT _____ TYPE HOLE _____ TIAL PROD: OIL _____ BPD, H2O _____ BPD, GAS _____ MCF SENT PROD: OIL _____ BPD, H2O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		25	8 7/8	KB	1856	
LINER						
TUBING	U	16.6	4 1/2	KB	3000	
OPEN HOLE			7 7/8	1856	5150	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED PTA W/ 235 SK 40/60 Pore - 6% GEL, 100 SK @ 3000', 50 SK @ 1880', 50 SK @ 900', 10 SK @ 40', 10 SK Mousehole, 15 SK Rat hole

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

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

1) 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 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 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.

2) 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 any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:

- Damage to property owned by, in the possession of, 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's 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 Section b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

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.

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 any 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.

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 until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.

That this contract shall be governed by the law of the state where services are performed or materials are furnished.

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.

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

SIGNED Ray Marshall CUSTOMER

DATE 1-30-93

WELL DATA

ELD _____ SEC _____ TWP. _____ RNG. _____ COUNTY KEARNY STATE KS

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

STIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

ESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

WELL TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

LOG DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		25	8 7/8	KB	1856	
LINER						
TUBING	4	16.6	4 1/2	KB	3000	
OPEN HOLE			7 7/8	1856	5758	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
CAT COLLAR		
CAT SHOE		
GUIDE SHOE		
NEUTRALIZERS		
STOM PLUG		
SP PLUG		
WD		
WCKER		
WKER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-29-93</u>	DATE <u>1-30-93</u>	DATE <u>1-30-93</u>	DATE _____
TIME <u>2:00</u>	TIME <u>0:00</u>	TIME <u>02:56</u>	TIME _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
EBERSOLE	C2673	40076 LIBERAL, KS
Bloodfoot	D4604	5082-76900 "
MRINTYRE	D9704	50900-5303 Hugoton, KS

MATERIALS

WAT. FLUID _____ DENSITY _____ LB/GAL-API

PL. FLUID _____ DENSITY _____ LB/GAL-API

WP. TYPE _____ SIZE _____ LB.

WP. TYPE _____ SIZE _____ LB.

WD TYPE _____ GAL _____ %

WD TYPE _____ GAL _____ %

WD TYPE _____ GAL _____ %

WFACTANT TYPE _____ GAL _____ IN

WAGENT TYPE _____ GAL _____ IN

WID LOSS ADD. TYPE _____ GAL-LB. _____ IN

WILING AGENT TYPE _____ GAL-LB. _____ IN

WRED. AGENT TYPE _____ GAL-LB. _____ IN

WAKER TYPE _____ GAL-LB. _____ IN

WCKING AGENT TYPE _____ GAL-LB. _____ IN

WFPAC BALLS TYPE _____ QTY. _____

WER _____

WER _____

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 23 1993
CONSERVATION DIVISION
WICHITA, KS
CEMENT

DEPARTMENT _____

DESCRIPTION OF JOB
PIA - 100 st @ 3000', 50 st @ 1880', 50 st @ 900', 10 st @ 40', 10 st MOUSE HOLE, 15 st KATHOLE

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE Larry Marshall

HALLIBURTON OPERATOR JOHN EBERSOLE COPIES REQUESTED _____

CEMENT DATA

TAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	235	40/60	102-PREMIUM		6% GEL	1.57	13.37

PRESSURES IN PSI

SUMMARY

VOLUMES

DISPLACING _____ DISPLACEMENT _____ PRES LUSH: BBL-GAL _____ TYPE _____

BACKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

FRACURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL: BBL-GAL _____

5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL 66

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL _____

AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____

DISPL _____ OVERALL _____ REMARKS MAR 22

CEMENT LEFT IN PIPE _____ **CONFIDENTIAL**

REASON _____

CUSTOMER: BERENDO, INC
LEASE: HENDERSON
WELL NO: 1-23
JOB TYPE: OPA
DATE: 1-30-93

JOB LOG

ORIGINAL

CUSTOMER **BEREXCO INC**

PAGE NO. ---

JRM 2013-R-2

JOB TYPE **PTA**

DATE **1-30-93**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
29	2000							Called
	0100							ON location - Rig Run Pipe to 3000'
	0245							Hook up Pump truck
	0256	6	10			250		Pump 10 BBL H2O
	—	6	28			200		100 SK 40/60 GEL (6% GEL)
	—	6	3.5			100		3 1/2 BBL H2O
	0303	6	3.1			100		31 BBL Mud Disp.
	0308					0		Pull to 1880'
	0350							Hook up truck
	0355	6	10			150		Pump 10 BBL H2O
	—	6	14			100		50 SK CEMENT
	—	6	3.5			100		3 1/2 BBL H2O
	0400	6	20			5		20 BBL Mud Disp.
	0406					0		Pull to 900'
	0440							Hook up truck
	0445	6	30			100		Pump 30 BBL H2O
	0450							SHUT DOWN - CLEAN out Bulk Hose
	0505	6	14			50		50 SK CEMENT
	0507	6	9			50		9 BBL H2O Disp.
	0510					0		Pull to SURFACE - Pull Rat hole, Mouse hole + BOP
	0900		10			0		Mix 35 SK CEMENT - Plug @ 40', Plug Rat hole + Mouse hole
	0930							Job Complete

RECEIVED
 KANSAS CORPORATION COMMISSION
 MAR 23 1993
 CONSERVATION DIVISION
 WICHITA, KS

RELEASED

MAY 24 1995

FROM CONFIDENTIAL MAR 22

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