

ORIGINAL
SIDE ONE

CONFIDENTIAL

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

RELEASED
FEB 23 1993

APPT NO. 15- 081-20,661-0000

County Haskell ✓
N of E C SW NE Sec. 30 Twp. 29S Rge. 32 X East West

Operator: License # 5363

Name: BEREXCO INC.

Address 970 Fourth Financial Center

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Evan Mayhew

Phone (316) 265-3311

Contractor: Name: BEREDCO INC.

License: 5147

Wellsite Geologist: Charles Spardlin Sr.

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

12/2/90 12/16/90 12/17/90
Spud Date Date Reached TD Completion Date

250 ✓ Ft. North from Southeast Corner of Section

1980 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

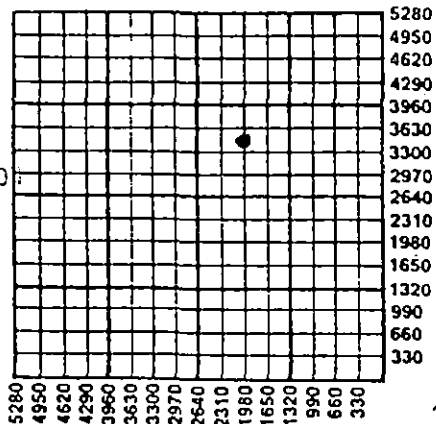
Lease Name Rosenwinkle ✓ Well # 1-30

Field Name Lemon, E. Ext.

Producing Formation _____

Elevation: Ground 2918 KB 2930

Total Depth 5800 PBD 0



Handwritten note: A/I D & D

Amount of Surface Pipe Set and Cemented at 1700 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.

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 1/15/91

Subscribed and sworn to before me this 15th day of January, 19 91.

Notary Public Johanna S. Dobler

Date Commission Expires 10/31/94

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

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

Handwritten note: P1

CONFIDENTIAL

SIDE TWO

Operator Name BEREXCO INC. - Lease Name Rosenwinkle Well # 1-30

Sec. 30 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

Name	Formation Description	
	Top	Bottom
Base Heebner	4112	
Toronto	4124	
Kansas City A	4644	
Fort Scott	4926	
Cherokee	4940	
Atoka	5089	
Ste Genevieve	5421	
St. Louis	5511	

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 1/2"	8-5/8"	23 & 24	1700	PP Lite/PP	580/150	1/4# flocele 2% CC

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

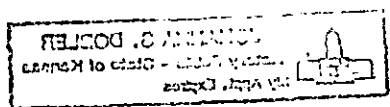
Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

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 _____



ORIGINAL

DRILL STEM TESTS

ROSENWINKLE #1-30
Sec 30-29S-32W
Haskell Co., Kansas

CONFIDENTIAL

DST #1 Marmaton, 4757-4836', 15(30)60(120)
Blow: Strong blow, gas to surface 8 min (no rate measured until end)
(initial).
GTS immediately (see rates below) (final)
Rec: 310' TF = 110' Drlg mud, 170' Gas & slightly oil cut mud (5%
oil, 10% gas, 85% mud), 30' Gas & oil cut mud (15% oil, 30%
mud, 55% gas).
FP 99-107/107-124
SIP 1398/1364

<u>TIME</u>	<u>MCFPD</u>
10	110
20	87.5
30	69.5
40	69.5
50	68.0
60	66.6

DST #2 Atoka, 5077-5113
Blow: Weak blow, died 10 min. (initial)
No blow (final)
Rec: 15' drilling mud w/no show
FP 41-41/41-41
SIP 72/114

RELEASED

FEB 23 1993

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JAN 17 1991

CORPORATION DIVISION
Wichita, Kansas

0753-20

HALLIBURTON SERVICES

Duncan, Oklahoma 73538

A Division of Halliburton Company

CONFIDENTIAL

NO. 043265-2

FORM 1906 R-11

WELL NO -- FARM OR LEASE NAME <i>ROSEWINKLE 1-30</i>		COUNTY <i>HASKELL</i>	STATE <i>KS</i>	CITY / OFFSHORE LOCATION	DATE <i>12-16-90</i>
CHARGE TO <i>BEACON BELEXCO</i>		OWNER <i>BELEXCO</i>		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	
ADDRESS <i>BEACON BELEXCO</i>		CONTRACTOR <i>BELEXCO</i>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
CITY, STATE, ZIP		SHIPPED VIA <i>HOUZO</i>		FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	
WELL TYPE <i>01</i>		WELL CATEGORY <i>06</i>		WELL PERMIT NO. <i>B- 906944</i>	
TYPE AND PURPOSE OF JOB <i>115</i>		DELIVERED TO <i>LOCATION</i>		ORDER NO.	
				TICKET LOCATION <i>1 LIBERAL</i>	
				TICKET LOCATION <i>2 HUBERTON</i>	
				TICKET LOCATION <i>3</i>	
				REFERRAL LOCATION	

RELEASED
FEB 23 1995

FROM CONFIDENTIAL

As consideration, the above-named Customer agrees to pay Halliburton in accord 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			
000-117		1		MILEAGE	34	MI			2.35	79	90
000-118				MILEAGE SURCHARGE	34	MI			1.40	13	60
009-019				PUMPING SERVICE	8	HR	3150			1070	00

STATE OF OKLAHOMA
JAN 17 1991
CONFIDENTIAL

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B- 906944** 1913 10

AS JOB SATISFACTORILY COMPLETED? _____

AS OPERATION OF EQUIPMENT SATISFACTORY? YES

AS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

Stan Wyckoff
CUSTOMER OR HIS AGENT (PLEASE PRINT)

Stan Wyckoff
CUSTOMER OR HIS AGENT (SIGNATURE)

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.

Kurt Kowinjan
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL *HP CORP*

GK/C

SUB TOTAL **3076 60**

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

ORIGINAL AND TICKET CONTINUATION

FOR INVOICE AND TICKET NO. 043265

DATE 12-17-90	CUSTOMER ORDER NO.	WELL NO. AND FARM Rosetwinkle 1-30	COUNTY Haskell	STATE KS
TARGET TO Beredco		CONTRACTOR	No. B 906944	
MAILING ADDRESS		DELIVERED FROM Hugoton	LOCATION CODE 25535	PREPARED BY Rick Rawlins
CITY & STATE XXXXXXXXXXXXXXXXXXXX		DELIVERED TO Loc. N/Sublette, KS	TRUCK NO. 0525-6611	RECEIVED BY KWSINGER

RELEASED
FEB 23 1993
FROM CONFIDENTIAL

CONFIDENTIAL

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				225 cft Pozmix Cement 60/40							
504-043	516.00272	2	B	Premium Cement	135	sk			6.85	924	75
506-105	516.00286	2	B	Pozmix "A"	90	sk			3.91	351	90
506-121	516.00259	2	B	Halliburton Gel blended 2%	4	sk					NC
507-277	516.00259	2	B	Halliburton Gel added 4%	8	sk			3.75	110	00
500-307		2	B	Mileage Surcharge	328.176				.10	32	82
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES				
				SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET				
500-207		2	B	SERVICE CHARGE			CU. FEET 225		1.10	247	50
500-306		2	B	Mileage Charge	TOTAL WEIGHT 20511	LOADED MILES 32	TON MILES 328.176		.75	246	13
No. B 906944		CARRY FORWARD TO INVOICE					SUB-TOTAL		1913 10		

RECEIVED
STATE OF OKLAHOMA
DIVISION
JAN 17 1991

ORIGINAL WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 043265

DISTRICT LIBERAL

DATE 12-16-90

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: BERCO (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

CONFIDENTIAL

WELL NO. 1-30 LEASE ROSENWINKLE SEC. TWP. RANGE

FIELD COUNTY ARKELL STATE KS OWNED BY BERCO

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE
FORMATION THICKNESS FROM TO
ACKER: TYPE SET AT
TOTAL DEPTH MUD WEIGHT
ORE HOLE
INITIAL PROD: OIL BPD, H2O BPD, GAS MCF
RESENT PROD: OIL BPD, H2O BPD, GAS MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I. Rows include CASING, LINER, TUBING DA, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

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

Handwritten notes: P.T.A. w/ 225 SK 60/40 P02 w/ 62 Total Bal - 100 SK @ 3150' - 50 SK @ 1740' - 40 SK @ 710' - 10 SK 0-40' - 15 SK RAFFINE - 10 SK Mousse

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.
b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies...
c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others...
d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials.
e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well...
f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act.
g) That this contract shall be governed by the law of the state where services are 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...

RECEIVED STATE OF KANSAS DIVISION OF COMMISSIONS JAN 17 1991

CONFIDENTIAL

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

SIGNED Stan Wyckoff CUSTOMER

DATE 12-16-90

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.

TIME 0000 A.M. P.M.

ORIGINAL

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RING. _____ COUNTY Haskell STATE Ks

FORMAT ON 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	N	24	8 5/8	KB	1800+	
LINER						
TUBING	DA U	16.6	4.5	KB	3150	
OPEN HOLE			7 7/8	8 5/8	5800	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-16</u>	DATE <u>12-16</u>	DATE <u>12-17</u>	DATE <u>12-17</u>
TIME <u>2000</u>	TIME <u>2300</u>	TIME <u>0300</u>	TIME <u>0900</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Kinsinger</u>	<u>41893</u>	<u>Liberal</u>
	<u>4900</u>	
<u>Poyer</u>	<u>48120</u>	<u>"</u>
	<u>75496</u>	
	<u>0525</u>	
<u>EVANS</u>	<u>E0233</u>	<u>Hubston</u>
	<u>6611</u>	

DEPARTMENT Cement

DESCRIPTION OF JOB PTA w/ 22.5 SK 60/40 P02 w/ 6% GEL

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Stan Wyckoff

HALLIBURTON OPERATOR Kinsinger COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	100	60/40 P02		8	6% Total Gel	1.57	13.3
2	50						
3	40						
4	10						
5	15						
6	10						

RECEIVED STATE COOPERATION COMMISSION

JAN 17 1991

CONSTRUCTION DIVISION Wichita, Kansas

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKON: 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. 63

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL.-GAL. _____

TREATING _____ DISPL. _____ OVERALL _____ REMARKS _____

REASON _____

RELEASED FEB 23 1993 FROM CONFIDENTIAL

CUSTOMER KEP2010 LEASE Liberal WELL NO. 1-30 JOB TYPE PTA DATE 12-17-90

JOB LOG

WELL NO. 1-10 LEASE 105400000000 TRACT NO. 1000-1000

CUSTOMER PERFECO PAGE NO. 1

FORM 2013 R-2

JOB TYPE P.T.A. DATE 12-16-90

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2000							CRUISED
	2300							On Location - Rig up - T.I.H. OPEN ENDED
	0030							LOOP TO 3150'
	0300							Hook up Kelly - Circ. Hole
	0315							Hook up To Cement Line
	0317	3	10			150		Pump 10 BBL H ₂ O (PIPE @ 3150') SPACER
	0320	5	28	✓		150		Pump 100 SK PLUG MIXED @ 13.3 PPG
	0325	5	3.5	✓		100		Pump 3.5 BBL H ₂ O SPACER
	0326	5	34	✓		100		Pump 34 BBL MUD TO BALANCE
	0333							SHOT DOWN - Pull D.P. To 1740'
								DRILL PIPE @ 1740' - Hook up
	0432	4	10	✓		100		Pump 10 BBL H ₂ O SPACER
	0434	5	14	✓		100		Pump 50 SK PLUG MIXED @ 13.3 PPG
	0437	5	3.5	✓		50		Pump 3.5 BBL H ₂ O SPACER
	0438	5	17.5	✓		50		Pump 17.5 BBL MUD TO BALANCE
	0441							SHOT DOWN & Pull D.P. To 710'
								DRILL PIPE @ 710' - Hook up
	0520	5	35	✓		100		Pump 35 BBL H ₂ O To Bill Ann
	0527	5	11	✓		100		Pump 40 SK PLUG MIXED @ 13.3 PPG
	0529	5	7	✓		50		Pump 7 BBL H ₂ O TO BALANCE
	0530							SHOT DOWN - Pull To Surface - Break Kelly
								& Lay Down - Pull B.D.P.
	0800	1	3	✓		0		Pump 10 SK 0-40'
	0807	1	3	✓		0		Pump 10 SK Mousse Hole
	0815	1	4	✓		0		Pump 15 SK RAFFALE
	0825							RELEASED FROM LOCATION

RELEASED
DEC 23 1993
FROM CONFIDENTIAL

CONFIDENTIAL

RECEIVED
STATE COMMISSION DIVISION
JAN 17 1991
CONSERVATION DIVISION
MONTANA

S-75496
S-6611

FORM BRK-11

WELL NO. - FARM OR LEASE NAME <i>1-30 Rosewinkle</i>		COUNTY <i>Waskell</i>	STATE <i>Ks</i>	CITY / OFFSHORE LOCATION	DATE <i>12-3-90</i>
CHARGE TO <i>Beredco Delg</i>		OWNER <i>Beredco Inc.</i>	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 <i>Beredco Delg 7#</i>	LOCATION <i>1 Libersok Ks</i>		CODE <i>25540</i>
CITY, STATE, ZIP		SHIPPED VIA <i>Hawco</i>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION <i>2 Heston Ks</i>
WELL TYPE		WELL PERMIT NO. <i>B- 906869</i>	DELIVERED TO <i>Loc.</i>		LOCATION <i>3</i>
TIME AND PURPOSE OF JOB <i>01 03</i>		ORDER NO.	REFERRAL LOCATION CONFIDENTIAL		

RELEASED
FEB 23 1993
FROM CONFIDENTIAL

As consideration, the above-named Customer agrees to pay Halliburton in accord 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		
00-117		1		MILEAGE	32	miles			2.35	75.20
00-118		1		Milage surcharge	32	miles			.40	12.80
01-016		1		Pump charge	1700	FT				945.00
030-018		1		5w Top Plug	1	Each		8 1/2	100.00	100.00
24 A	815-9562	1		Insert Float	1	Each		8 1/2	171.00	171.00
27	815-19414	1		Filfillup	1	"		"	29.00	29.00
40	807-93059	1		Centralizers	3	"		"	53.00	159.00
16 A	830-2171	1		Guide Shoe 'TRPT'	1	"		"	161.00	161.00

RECEIVED
STATE COMMISSION
JAN 7 1991
CONSTRUCTION DIVISION

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B- 906869** 7069 98

IS JOB SATISFACTORILY COMPLETED? YES

IS OPERATION OF EQUIPMENT SATISFACTORY? YES

IS PERFORMANCE OF PERSONNEL SATISFACTORY? YES

Stan Wyckoff
CUSTOMER OR HIS AGENT (PLEASE PRINT)

Stan Wyckoff
CUSTOMER OR HIS AGENT (SIGNATURE)

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.

Dennis Corie
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL
HP 2870

SUB TOTAL **8722.98**
APPLICABLE TAXES WILL BE ADDED ON INVOICE.

**AND
TICKET CONTINUATION**

A Division of Halliburton Company

ORIGINAL

DATE 12-3-90	CUSTOMER ORDER NO.	WELL NO. AND FARM Rosenwinkle 1-30	COUNTY Haskell	STATE KS
CHARGE TO Beredco Drlg. Co.		OWNER Same	CONTRACTOR No. B 906869	
MAILING ADDRESS		DELIVERED TO Hugoton	LOCATION CODE 25535	PREPARED BY Rick Rawlins
CITY & STATE		DELIVERED TO Loc. N/Subject, KS	TRUCK NO.	RECEIVED BY <i>Corr</i>

RELEASED
FEB 23 1993
FROM CONFIDENTIAL

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-050	516.00265	2	B	Premium Plus Cement	150	sk			7.08	1062 00	
504-120 509-120		2	B	Halliburton Light Cement	580	sk			6.29	3648 20	
507-210	890.50071	2	B	Flocele blended 1/2 lb/sk	183	lb			1.30	237 90	
509-406	890.50812	2	B	Calcium Chloride blended 2%	13	sk			26.25	341 25	
500-307		2	B	Mileage Surcharge	1100.976				7.40	110 10	
500-207		2	B	SERVICE CHARGE					CU. FEET 768	1.10	844 80
500-306		2	B	Mileage Charge	TOTAL WEIGHT 68811	LOADED MILES 32			1100.976	.75	825 73
No. B 906869									CARRY FORWARD TO INVOICE	SUB-TOTAL	7069 98

CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JAN 17 1993
Wichita Kansas

DISTRICT Lizard Ks

ORIGINAL

DATE 12-9-90

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

WELL NO. 1-30 LEASE Rosenwinckle SEC. 30 TWP. 29 RANGE 32

FIELD _____ COUNTY Haskell STATE Ks OWNED BY Brederco Inc.

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____ FROM _____ TO _____ PACKER: TYPE _____ SET AT _____ TOTAL DEPTH _____ MUD WEIGHT _____ BORE HOLE _____ INITIAL PROD: OIL _____ BPD, H2O _____ BPD, GAS _____ MCF _____ PRESENT PROD: OIL _____ BPD, H2O _____ BPD, GAS _____ MCF _____

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

RELEASED FEB 23 1993 FROM CONFIDENTIAL

CONFIDENTIAL

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Cement 8 1/2 Superce 7 580 SK Prem Plus LTWT 2% CC 1/4 #/sq Flocc
150 SK Prem Plus 2% CC 1/4 #/sq Flocc

JAN 17 1991

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 ir 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 any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
1. 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.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. 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 Sections 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.
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 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.
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 until returned 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 services are 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.

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

SIGNED Stan Wyckoff CUSTOMER

DATE _____

TIME _____ A.M. P.M.

ORIGINAL WELL DATA

FIELD _____ SEC. _____ TWP. _____ RING _____ COUNTY Haskell STATE Ks

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD BIT _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

WISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		24	8 5/8	KB	1708	
LINER						
TUBING						
OPEN HOLE			12 1/4	GL	1700	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

RELEASED FEB 23 1993 FROM CONFIDENTIAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Insert Float 8 5/8	1	Hawco
COAT SIDE	1	
GUIDE SHOE	1	
ENTRANZERS	3	
BOTTOM PLUG		
TOP PLUG	1	
EAD		
PACKER		
OTHER		

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 12-2	DATE 12-2	DATE 12-2	DATE 12-2
TIME 0900	TIME 1100	TIME 1610	TIME 1800

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
OGarr	40075	Liberal Ks
	59179	
T Branch Foot	52276	"
	DH604	
Clay	3842	Hogston Ks
	D9289	
J Wigley	41673	"
	D9355	

CONFIDENTIAL

MATERIALS

REAT. FLUID _____ DENSITY _____ LB/GAL. API

ISPL. FLUID _____ DENSITY _____ LB/GAL. API

ROP. TYPE _____ SIZE _____ LB.

ROP. TYPE _____ SIZE _____ LB.

CID TYPE _____ GAL. _____ %

CID TYPE _____ GAL. _____ %

CID TYPE _____ GAL. _____ %

URFACTANT TYPE _____ GAL. _____ IN.

E AGENT TYPE _____ GAL. _____ IN.

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

ELLING AGENT TYPE _____ GAL.-LB. _____ IN.

IC. RED. AGENT TYPE _____ GAL.-LB. _____ IN.

EAKEER TYPE _____ GAL.-LB. _____ IN.

LOCKING AGENT TYPE _____ GAL.-LB. _____

IRFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Cement

DESCRIPTION OF JOB 8 5/8 SURFACE

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Stow Wyckoff

HALLIBURTON OPERATOR OGARR COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	580	Prem Plus	LTWT		2800 1/4 1/2 Floccle	2.05	12.3
	150	Prem Plus				1.32	14.8

PRESSURES IN PSI

SUMMARY

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____

PERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 106

CUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL. 247.02

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL. _____

REATING _____ DISPL. _____ OVERALL _____

REASON 44.09 Stop Joint

REMARKS

CUSTOMER: Benedict Dels

LEASE: Rosenwill

WELL NO: 1-30

JOB TYPE: 8 5/8 SURFACE

DATE: 12-2-90

JOB LOG

WELL NO. _____ LEASE NO. _____

CUSTOMER Benedico Delgado PAGE NO. 1

ORIGINAL JOB TYPE 8 3/8 SURFACE

DATE 12-2-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							Time Called
	1130							Time Ready
	1100							Time on Loc. Plug Line on Bottom
	1500							Start Pumping Casing
								RELEASED Feb 23 1993 FROM CONFIDENTIAL
	1610							Casing in Hole
	1611							Hook up to Circulate Casing
	1620							Circulate Casing w/ Pig Pump
	1622							Circulate Mud to Circulate Level
	1645							Hook up to Pump Truck
	1648					250		Start Mixing Cement
	1720	6	211.76			250		Start Tail Cement
	1720		35.26			200		Finish Mixing Cement
	1730		247.02		TOTAL BBL	200		Shut Down Deep Plug
	1731	5	106			150		Start Displacement
	1800					550		wash Pumps & Lines
						1050		Plug Down
								Circulate Cement to The Pit
								Float Hatch
								Thanks For Calling HDL Contractors Serrano Clark Crew

CONFIDENTIAL

STATE OF CALIFORNIA

JAN 17 1991