

ORIGINAL

SIDE ONE

RELEASED

CONFIDENTIAL FEB 06 1992

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

API NO. 15- 051-24709 -0000

County Ellis
S/2 SE NE/4 Sec. 2 Twp. 11 Rge. 16 East
 West

FROM CONFIDENTIAL

Operator: License # 5447

Name: OXY USA, Inc.

Address P.O. Box 26100

City/State/Zip Oklahoma City, OK 73126-0100

Purchaser: CITGO

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Red Tiger Drilling Company

License: 5302

Wellsite Geologist: Bill Keller

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OAWD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

10-30-90 11-7-90 12-1-90

Spud Date Date Reached TD Completion Date

2970' Ft. North from Southeast Corner of Section

660' Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

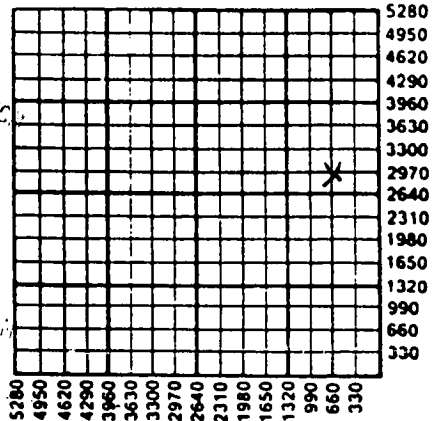
Lease Name Bowlby C Well # 8

Field Name Krueger

Producing Formation Topeka/Plattsmouth

Elevation: Ground 2028' KB 2033'

Total Depth 3660' PBTD 3582'



3-8-91

Amount of Surface Pipe Set and Cemented at 297' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set DV Tool at 1241' Feet

If Alternate II completion, cement circulated from 1241'

feet depth to 0 w/ 250 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 Vic Tumlinson

Title Operations Drilling Manager Date 1-15-91

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

Notary Public Ray Ann Kilmer

Date Commission Expires 4-16-94

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)

SIDE TWO

Operator Name OXY USA, Inc. Lease Name Bowlby C Well # 8

Sec. 2 Twp. 11 Rge. 16 East West
 County Ellis

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.)

Name	Formation Description	
	Top	Bottom
Sheldon	2858'	2928'
Topeka	2928'	3098'
Plattsmouth	3098'	3171'
Hebner	3171'	3194'
Toronto	3194'	3219'
Lansing	3219'	-
TD		3660'
PBTD		3582'

Ran Dual Induction/GR; Minilog/GR;
 Comp. Neutron/GR; Z-Densilog

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"	24#	297'	C1.A	225	3% cc
Production	7 7/8"	5 1/2"	14#	3659'	*Pls refer to csg info below.		

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	3129-3132'	Treated Topeka w/500 gal of 15% NE	2956-62
	2956-2962'	Treated Platts. w/750 gal of 15% NE	3129-32'

TUBING RECORD Size 2 3/8" Set At 3144' Packer At _____
 Liner Run Yes No

Date of First Production 11-22-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	3	-	3		

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 2956-2962

*Prod. Csg. Data: Cement 1st stage w/200 sx Cemented 2nd stage w/230 sx. 3129-3132

ORIGINAL

CONFIDENTIAL RELEASED

FEB 0 6 1992

FROM CONFIDENTIAL

Bowlby C #8
S/2 SE NE/4 Sec. 2-11S-16W

Formation

	Top	Bottom
Lansing	3216	3487
Arbuckle	3610	unknown
TD		3660

STATE OF OREGON
FFR 7 1991

WORK ORDER CONTRACT
AND PRE-TREATMENT DATA

RELEASED

15-051-24709-0000

ATTACH TO INVOICE & TICKET NO. 904378

DISTRICT Oberlin

DATE 10-30-90

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

WELL NO. C-8 LEASE Bowlby SEC. 2 TWP. 11 RANGE 16

FIELD Bowlby COUNTY Ellis STATE Ks OWNED BY Oxy USA Inc

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH 300' MUD WEIGHT _____
BORE HOLE 12 1/4"
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	N	24	8 5/8	G.L	300	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Cmt Surface Csg w/ 225 SKs Std. w/ 290 C.C & 1/4# Flocele

New Well

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 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.
- 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 Donald E. Shulder CUSTOMER

DATE 10-30-90

TIME 1520 A.M.

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.

FIELD OFFICE



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

OKLAHOMA City
Ocala, Ks

BILLED ON 02/19/91
TICKET NO. 904378

WELL DATA

FIELD Bowlby SEC. 2 TWP. 11 RNG. 16 COUNTY EFFRON COUNTY, Ks STATE Ks

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS	FROM 00 00 TO	CASING	N 24	2 7/8	0.0	300	
INITIAL PROD: OIL	BPD. WATER	BPD. GAS	MCFD	LINER			
PRESENT PROD: OIL	BPD. WATER	BPD. GAS	MCFD	TUBING			
COMPLETION DATE	MUD TYPE	MUD WT.	OPEN HOLE				SHOTS/FT.
PACKER TYPE			PERFORATIONS				
BOTTOM HOLE TEMP.	PRESSURE		PERFORATIONS				
MISC. DATA	TOTAL DEPTH		PERFORATIONS				

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 10 30 90 TIME 1200	DATE 10 30 90 TIME 1120	DATE 10 30 90 TIME 1615	DATE 10 30 90 TIME 1643

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. Garrison	3243	Ocala Ks
J. Keenan	Comb. HT	Ks
	3703	Ocala Ks
	BIK-TRK	Ks

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS 3-4 8 5/8		Halco
BOTTOM PLUG		
TOP PLUG LA-11 8 5/8	1	Halco
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

SURFACTANT 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 _____

DEPARTMENT CMT

DESCRIPTION OF JOB CMT Surface Csg

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

CUSTOMER REPRESENTATIVE X Donald E. Stedden

HALLIBURTON OPERATOR J. Garrison COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	225	Std	A		B	2% C.C. 1/4# Floccle	1.18	15.6

PRESSURES IN PSI

SUMMARY

VOLUMES

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

BREAKDOWN _____ MAXIMUM _____ LOAD & SKDN: SBL-GAL. _____ PAD: SBL-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: SBL-GAL. _____ DISPL: SBL-GAL. 18.1

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: SBL-GAL. 47.3

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: SBL-GAL. 65.4

ORDERED _____ AVAILABLE _____ USED _____ REMARKS See Job Log

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 15 REASON Request

CUSTOMER: Bowlby
LEASE: Bowlby
WELL NO: C 8
JOB TYPE: CMT Surface Csg
DATE: 10-30-90

ORIGINAL

A Division of Halliburton Company

CONFIDENTIAL

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME C-3 Bowlby (AF/E)		COUNTY Ellis	STATE Ks	CITY / OFFSHORE LOCATION	DATE 10-30-90
CHARGE TO Oxy USA Inc		OWNER Oxy USA	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 RFD Tigre	LOCATION 1 Obeulin		CODE 25529
CITY, STATE, ZIP		SHIPPED VIA 3243-3703	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION 2 Nays	
WELL TYPE	WELL CATEGORY	WELL PERMIT NO. 051-24,709	DELIVERED TO SE NATOMA, Ks	LOCATION 3	
TYPE AND PURPOSE OF JOB B- 903831		ORDER NO.	REFERRAL LOCATION		

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	22	mi			2.35	
001-016		1		Pumpchg	300	ft			440	440 00
D30-503		2		LA-11 Plug	1	EA	8 5/8 in		59	59 00
40	807.93059	2		S-4 Cent.			8 5/8 in		53	

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 903831

1897 56

WAS JOB SATISFACTORILY COMPLETED? _____
WAS OPERATION OF EQUIPMENT SATISFACTORY? _____
WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

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.

J. Harrison
HALLIBURTON OPERATOR

X *Donald E. Shepherd*
CUSTOMER OR HIS AGENT (PLEASE PRINT)
X *Donald E. Shepherd*
CUSTOMER OR HIS AGENT (SIGNATURE)

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.



**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

RELEASED
FOR INVOICE AND
TICKET NO. **507395**
FEB 6 1997

DATE 11-6-90	CUSTOMER ORDER NO.	WELL NO. AND FARM Bowlby C-8	COUNTY Ellis	STATE Kansas
CHARGE TO Oxy USA		OWNER Same	CONTRACTOR	No. B 903850
MAILING ADDRESS		DELIVERED FROM Hays, Ks	LOCATION CODE 25525	PREPARED BY Kuhn
CITY & STATE		DELIVERED TO N/E Hays, Ks	TRUCK NO. 51252 8538	RECEIVED BY <i>[Signature]</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	MEAS.	QTY.	MEAS.			
504-316		1B	Halliburton Light Cement	250				5.21	1,302	50
504-308	516.00261	1B	Standard Cement	150				5.45	817	50
			50 Cu. Ft. Pozmix Cement 2X Gel							
504-308	516.00261	1B	Standard Cement	25				5.45	136	25
506-105	516.00286	1B	Pozmix 'A'	25				2.88	72	00
506-121	516.00259	1B	1 sk Halliburton Gel 2X							n/c
509-968	516.00315	1B	Salt Blended	1409	lb			.10	140	90
507-775	516.00144	1B	Hald-322 Blended	138				5.75	793	50
507-210	890.5007P	1B	Flocle Blended	113	lb			1.30	146	90
508-127	890.50131	1B	Cal Seal Blended	7				19.70	137	90

THIS IS NOT AN INVOICE

FEB 6 1997

	Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES		
	SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET	
500-207	1B				487	1.10
	SERVICE CHARGE				CU. FEET	535 70
500-306	1B	Mileage Charge	43,810	22	481.910	.75
500-307		TOTAL WEIGHT		LOADED MILES	TON MILES	.10
						361 43
						48 19
No. B903850				CARRY FORWARD TO INVOICE	SUB-TOTAL	4,492 77

CUSTOMER

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

U.K.L.

Hay, K.

BILLED ON TICKET NO. 1000

WELL DATA

FIELD ORIGINAL SEC 2 TWP 11 RNG. 16 COUNTY 311 STATE OK

FORMATION NAME ORIGINAL 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 1111 SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	114		15		
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-6-00</u>	DATE <u>11-6-00</u>	DATE <u>11-6-00</u>	DATE _____
TIME <u>17:00</u>	TIME <u>21:15</u>	TIME <u>23:30</u>	TIME _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Becker</u>	<u>Comb</u>	<u>Hay, K.</u>
<u>R. Wiggins</u>	<u>51274</u>	<u>"</u>
<u>M. H. Hester</u>	<u>BT</u>	<u>"</u>
<u>K. McKee</u>	<u>51255</u>	<u>"</u>
<u>R. Hays</u>	<u>BT</u>	<u>"</u>
	<u>0530</u>	<u>"</u>

DEPARTMENT Cement

DESCRIPTION OF JOB Cement + 5" Prod (5' of 62' stage)

JOB DONE THRU: UBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Donald E. Shelden

HALLIBURTON OPERATOR John E. Becker COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./BK.	MIXED LBS./GAL.
<u>1</u>	<u>50</u>	<u>50-50 Puz</u>		<u>B</u>	<u>2 3/4" Gal 10% Salt + .75% H-300 1/2" Flocc</u>	<u>12.9</u>	<u>11.4</u>
<u>1</u>	<u>150</u>	<u>E 4-2</u>		<u>B</u>	<u>1 1/2" Salt, 3/4" Flocc + .75% H-300 1/2" Flocc</u>	<u>1.36</u>	<u>13.5</u>
<u>2</u>	<u>200</u>	<u>HLC</u>		<u>B</u>	<u>1/2" Flocc</u>	<u>1.97</u>	<u>12.4</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRES LUSH: BBL-GAL. _____ TYPE _____

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 98.7

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL. 110.5 3.2 = 4.2 + 8.7

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

AVERAGE RATES IN BPM _____ REMARKS See Sub Log

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 40 REASON Shut In

CUSTOMER: U.K.A.
LEASE: Bowler
WELL NO.: C-8
JOB TYPE: Cement
DATE: 11-7-98

WORK ORDER CONTRACT
AND PRE-TREATMENT DATA

RELEASED

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO.

5430 6 1960

DISTRICT H. DATE FROM CONFIDENTIAL

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: 1, 2, 11, 12 (CUSTOMER)

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 11 LEASE 200 11, 12 SEC. 12 TWP. 11 RANGE 12

FIELD 11 COUNTY 11 STATE K OWNED BY 11

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE 12411 SET AT _____

TOTAL DEPTH _____ MUD WEIGHT _____

BORE HOLE _____

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF _____

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>12</u>	<u>141</u>	<u>5 1/2</u>	<u>KD</u>	<u>3659</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 1/2</u>	<u>3659</u>	<u>3610</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Con. 5' Prod. Plug (2 string)

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
- 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 first 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.
 - 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 unsaworthiness 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.
 - That because of the uncertainty or unstable 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 or 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 or consequential 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 site, 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 Donald E. Stults CUSTOMER

DATE 11-2-60

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.

TIME 2:00 A.M. P.M.

RETAIN

JOB LOG ORIGINAL

WELL NO. C-#8 LEASE Bowlby TICKET NO. 035395
 CUSTOMER Day U-A PAGE NO. 1
 JOB TYPE Cont Prod Cn (2stg) DATE 11-7-91 RELEASED

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								Called Out - CONFIDENTIAL FROM CONFIDENTIAL On loc
	21:43	11.7-10						Spot + Set up Equip - Plc. Job
	22:15							Start 5 1/2" x 11" Csg in Hole
	23:14							Csg on Bottom
	23:50							Hook up to Csg Break Circ w/ Rig Pump Hook up to PT
	03:32	5				300		Start Pump Salt Flush 40 BBL
	03:39	5				400		Salt Flush in - Pump 3 BBL Spacer
	03:39	5				350		Start Mud Flush - 12 BBL
	03:46	5				400		Mud Flush in - Pump 3 BBL Spacer
	03:48	5				400		Start Mix Cmt
								50sk 50-50 Prod 7/2" Galv 10" Salt, 3/4" Hald-322, 1/4" Floccle
								150sk EA-2 7/8" Hald-322, 1/4" Floccle
	04:01					200		Finish Mix Cmt Release Plug Wash out Pump Lines
	04:08	5				250		Start Displ (5L BBL water + 33 BBL Mud)
	04:28	5				700		Finish Displ
	04:28	5				1200		Plug landed FEB 6 1991
	04:30					0		Release Pres - Dised up - Float Hold
	04:47					800		Open DV - DVE 1241' Circ w/ Rig Pump Hook up to PT
	05:09	5				100		Start Mix Cmt - Plug Ret Hold 7/15sk 250sk HLC w/ 1/4" Floccle
	05:13	5				150		Finish Mix Cmt Release Plug
	05:16	5				250		Start Displ
	05:51	5				400		Finish Displ Cmt did Circ 25sk
	05:51	5				1500		DV Closed
	05:59					0		Release Pres - Dised up

Handwritten notes:
 J. [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear]

HALLIBURTON SERVICES
Duncan, Oklahoma 73538

TICKET
RELEASED
NO. 028395-4

ORIGINAL

A Division of Halliburton Company

FEB 6 1992

FORM 19LJR-11

WELL NO. - FARM OR LEASE NAME 8 Rowley		COUNTY ELL	STATE KS	CITY / OFFSHORE LOCATION	DATE FROM CONFIDENTIAL
CHARGE TO Key USA		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 Red T... #1	LOCATION 1 Hwy K		CODE 2552
CITY, STATE, ZIP		SHIPPED VIA H...	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION 2	CODE
WELL TYPE G1	WELL CATEGORY O1	WELL PERMIT NO.	DELIVERED TO N-E Hwy	LOCATION 3	CODE
TYPE AND PURPOSE OF JOB C35		B- 903850	ORDER NO.	REFERRAL LOCATION	

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 on PT	22	mi			2.35	51	70
000-118		1		Mileage Surcharge	22	mi			.40	8	80
007-013	001-016	1		First Stage Pump Chg	3659	ft			11.45	1145	00
007-161		1		Add Stage Pump Chg	1	ea			950	950	00
018-117		1		Super Flush	13	sk			74	988	00
509-968		1		Salt on Side Gun Flush	110	lb			.10	11	00

THIS IS AN INVOICE
FEB 6 1992

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 903850

11492.77

WAS JOB SATISFACTORILY COMPLETED?
WAS OPERATION OF EQUIPMENT SATISFACTORY?
WAS PERFORMANCE OF PERSONNEL SATISFACTORY?

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 E. Becken
HALLIBURTON OPERATOR

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

X Donald E. Sheldon
CUSTOMER OR HIS AGENT (PLEASE PRINT)
X Donald E. Sheldon
CUSTOMER OR HIS AGENT (SIGNATURE)

HALLIBURTON APPROVAL

CUSTOMER

ORIGINAL HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE
558 @ 6 (000)	11/07/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
DOWLBY C-8		ELLIS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
HAYS		RED TIGER #7		CEMENT PRODUCTION CASING		11/07/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
559167	DONALD E. SHELDEN	E-26			COMPANY TRUCK	05038

OXY USA INC.
REGIONAL OFFICE
ATT: G. I. MCFARLAND
PO BOX 26100
OKLAHOMA CITY, OK 73126-0100

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

9-1572261 x 2360.1 / 724 WOS 11-20

PRICE REF. NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
000-117	MILEAGE	22	MI	2.35	51.70
000-118	MILEAGE SURCHARGE-CEMENT-LAND	1	UNT		
		22	MI	.40	8.80
007-013	MULT STAGE CEMENTING-1ST STAGE	3659	FT	1,145.00	1,145.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	950.00	950.00
		1	UNT		
018-317	SUPER FLUSH	12	SK	74.00	888.00
509-968	SALT	400	LB	.10	40.00
504-316	HALLIBURTON LIGHT W/STANDARD	250	SK	5.21	1,302.50
504-308	STANDARD CEMENT	150	SK	5.45	817.50
504-308	STANDARD CEMENT	25	SK	5.45	136.25
506-105	POZMIX A	25	SK	2.88	72.00
506-121	HALLIBURTON-GEL 2X	1	SK	.00	N/C
509-968	SALT	1409	LB	.10	140.90
507-775	HALAO-322	138	LB	5.75	793.50
507-210	FLOCELE	113	LB	1.30	146.90
508-127	CAL SEAL	7	SK	19.70	137.90
500-207	BULK SERVICE CHARGE	487	CFT	1.10	535.70
500-306	MILEAGE CMTG MAT DEL OR RETURN	481.910	TMI	.75	361.43
500-307	MILEAGE SURCHARGE-CEMENT MAT.	481.910	TMI	.10	48.19
		1	UNT		
INVOICE SUBTOTAL					7,576.27
DISCOUNT-(BID) WOS					32
INVOICE BID AMOUNT					1,515.24
					6,061.03
*-KANSAS STATE SALES TAX					146.33
*-HAYS CITY SALES TAX					17.22
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$6,224.58

AFFIX JOB TKT

TERMS

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

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

INVOICE



INVOICE NO.	DATE
904378	10/30/1990

WELL LEASE NO./PLANT NAME		WELL LOCATION		STATE	WELL/PLANT OWNER
HOWLBY C-8		ELLIS		KS	OXY USA
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
BERLIN	RED TEEGER DELG	CEMENT SURFACE CASING		10/30/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
59167	SHELDEN	E-76		COMPANY TRUCK	04344

OXY USA INC.
 REGIONAL OFFICE
 ATT: G. I. MCFARLAND
 PO BOX 26100
 OKLAHOMA CITY, OK 73126-0100

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	22	MI	2.35	51.70
001-016	CEMENTING CASING	300	FT	440.00	440.00
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	1	UNT	59.00	59.00
40	CENTRALIZER 8-5/8" MODEL S-4	3	EA	53.00	159.00
807.93059					
504-308	STANDARD CEMENT	225	SK	5.45	1,226.25
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	25.75	154.50
507-210	FLOCELE	56	LB	1.30	72.80
500-207	BULK SERVICE CHARGE	241	CFT	1.10	265.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	238.546	TMI	.75	178.91
INVOICE SUBTOTAL					2,607.26
DISCOUNT-(BID)					651.79
INVOICE BID AMOUNT					1,955.47
*-KANSAS STATE SALES TAX					65.55
*-DECATUR COUNTY SALES TAX					15.43
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,026.45

9157226 X 2360.1/724

32
 [Signature]

TERMS: NET 30 DAYS AFTER DATE OF INVOICE UPON RECEIPT OF 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 ON UNPAID BALANCE AT THE CONTRACT RATE APPLICABLE TO THE INVOICE. ALL DISPUTES MUST BE FILED WITHIN 90 DAYS OF THE DATE OF INVOICE. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES INCURRED BY HALLIBURTON SERVICES IN CONNECTION WITH THE COLLECTION OF THIS ACCOUNT.