



FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								RECEIVED SEP 17 1991
	2000							On location - rig circulating @ 5150'
	—							Set up truck + water cement
	2100							Cement on location -
	2132	5	10			750		Set 1st plug - 10 BBL H ₂ O spacer
	—	5	8.4			300		40 sk standard cement
	—	5	3.5			350		3.5 BBL H ₂ O
	—	7	67			400		67 BBL Drilling Mud
	2147					0		Knock loose - rig pull to 2450'
	2321	5	10			150		Pump 10 BBL H ₂ O
	—	5	8.4			200		40 sk Standard Cement
	—	5	3.5			200		3.5 BBL H ₂ O
	—	7	29			150		29 BBL Mud chip
	2327					0		Knock loose - rig pull to 1600'
	2354	4	10			150		Pump 10 BBL H ₂ O
	—	4	8.4			200		40 sk Standard Cement
	—	4	3.5			100		3.5 BBL H ₂ O
	—	7	17			100		17 BBL Mud chip
	2401					0		Knock loose - rig pull to 500 1385'
	044	4	10			150		Pump 10 BBL H ₂ O
	—	4	8.4			100		40 sk Standard Cement
	—	4	3.5			100		3.5 BBL H ₂ O
	—	6	13			100		13 BBL Mud chip
	051					0		Knock loose rig pull to 597'
	0106	5	30			100		Pump 30 BBL H ₂ O
	0112	5	8.4			100		40 sk Standard Cement
	0114	5	6			75		6 BBL H ₂ O
	0116					0		- Knock loose rig pull to 60'
	0206							Mix remaining 10 sk + plug at 60'
	0215							Job Complete / Rig down trucks

JOB SUMMARY

HALLIBURTON DIVISION

HALLIBURTON LOCATION

Liberalts

BILLED ON TICKET NO. *141896*

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY *Cherokee* STATE *Co.*

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

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

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

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			<i>7 7/8</i>	<i>KB</i>	<i>540</i>	
LINER						
TUBING						
OPEN HOLE			<i>7 7/8</i>	<i>540</i>	<i>5808</i>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	DATE <i>9-9-91</i>	DATE <i>9-9-91</i>	DATE
TIME	TIME <i>2000</i>	TIME <i>3000</i>	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>R. HOLA 55726</i>	<i>40090 P.U.</i>	<i>Liberalts</i>
<i>J. Ebersole C 2173</i>	<i>3630-7183 R.C.M.</i>	" "
<i>M. Gilbert 93445</i>	<i>RKTEL</i>	<i>Lamar Co.</i>

TOOLS AND ACCESSORIES

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

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL.-API

DISPL. FLUID _____ DENISTY _____ LB./GAL.-API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN.

NE AGENT TYPE _____ GAL. _____ IN.

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

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

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

BREAKER TYPE _____ GAL.-LB. _____ IN.

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

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT *Cont.*

DESCRIPTION OF JOB *PTA w/ 210 SKS STANDARD CRT.*

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE *X* *[Signature]*

HALLIBURTON OPERATOR *[Signature]* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>210</i>	<i>[Handwritten]</i>		<i>E</i>		<i>118</i>	<i>156</i>

PRESSURES IN PSI

SUMMARY

VOLUMES

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

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

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

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

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

TREATING _____ DISPL. _____ OVERALL _____

FEET _____ REASON _____

REMARKS

BEST IMAGE AVAILABLE

CUSTOMER: *UPRC*
LEASE: *Acet-Ranch*
WELL NO.: *1*
JOB TYPE: *PTA*
DATE: *9-9-91*

**WORK ORDER CONTRACT
AND PRE-TREATMENT DATA**

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO
INVOICE & TICKET NO. _____

DISTRICT Liberal

DATE 9-9-91

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

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

WELL NO. 1 LEASE Heart Ranch AFE 09701 SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY Chevyenne STATE Co. OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH 5209 MUD WEIGHT _____
BORE HOLE 7 7/8
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>9 5/8</u>	<u>KB</u>	<u>540</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>540</u>	<u>5209</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Plug @ 5150-5050 - #2 @ 2450-2350 #3 @ 1400-1500 #4 @ 1345-1225
#5 @ 597-487 #6 0-604 - 2 10' sks STD Comb. for Plug to Abandon

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 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.
 - 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 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 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, or 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, 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 and 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.

BEST IMAGE
AVAILABLE

SIGNED [Signature] CUSTOMER

DATE 9-9-91

TIME 2:00 A.M. P.M. 1:05T

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.

CUSTOMER

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND
TICKET NO. 141896

DATE 9-9-91	CUSTOMER ORDER NO.	WELL NO. AND FARM #1 Heart-Ranch	COUNTY Cheyenne	STATE Co.
CHARGE TO UPRC		OWNER Same	CONTRACTOR Murfin Drlg. #14 No. B815425	
MAILING ADDRESS		DELIVERED FROM Lamar Co.	LOCATION CODE 25615	PREPARED BY Slatten
CITY & STATE		DELIVERED TO Loc.	TRUCK NO.	RECEIVED BY <i>ASDA</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
504-308		2	B	Standard Cement	210	sks			5.90	1239	00	
BEST IMAGE AVAILABLE												
THIS IS NOT AN INVOICE												
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES					
				SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET					
500-207		2	B	SERVICE CHARGE			CU. FEET 210	1.15		241	50	
500-314		2	B	Mileage Charge 19740	TOTAL WEIGHT 50	LOADED MILES	TON MILES 592.20	.80		473	76	
No. B 815425							CARRY FORWARD TO INVOICE		SUB-TOTAL		1954.26	

CUSTOMER