



# JOB SUMMARY

HALLIBURTON  
DIVISION

Western Area

HALLIBURTON  
LOCATION

Brighton

BILLED ON  
TICKET NO.

336185

## WELL DATA

FIELD \_\_\_\_\_ SEC. 12 TWP. 16S RNG. 48W COUNTY Cheyenne 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 \_\_\_\_\_

DP	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
GASING	U	16.6	4 1/2	0	5000	1,500
LINER						
TUBING						
OPEN HOLE			7 7/8	0	5250	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

DATE	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4/18</u>	DATE <u>4/18</u>	DATE <u>4/19</u>	DATE <u>4/19</u>
TIME <u>18:15</u>	TIME <u>23:45</u>	TIME <u>24:20</u>	TIME <u>06:00</u>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
J. Yolum	00547 Cementer	Brighton
D. Paul	B564 5172/75051 P	"
G. Parker	2523 P	"

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ 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

PERFAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT CMT

DESCRIPTION OF JOB PTA

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

CUSTOMER REPRESENTATIVE X Ed Mark

HALLIBURTON OPERATOR Jim Yolum

COPIES REQUESTED 1

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	180	STAND	B	Neat		1.18	15.6

## PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET \_\_\_\_\_ REASON \_\_\_\_\_

## SUMMARY

## VOLUMES

PRESLUSH: BBL-GAL. SEE TYPE \_\_\_\_\_

LOAD & BKDN: BBL-GAL. \_\_\_\_\_ PAD: BBL-GAL. \_\_\_\_\_

TREATMENT: BBL-GAL. JOB DISPL: BBL-GAL. \_\_\_\_\_

CEMENT SLURRY: BBL-GAL. \_\_\_\_\_

TOTAL VOLUME: BBL-GAL. LOG

## REMARKS

CMT weight by dens

BEST IMAGE  
AVAILABLE

4/19/93



WORK ORDER CONTRACT  
AND PRE-TREATMENT DATAATTACH TO  
INVOICE & TICKET NO.

336185

DISTRICT BrightonDATE 4/19/93

TO: HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: UPRC

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

WELL NO. 1 LEASE Blance State 32-12 SEC. 12 TWP. 16 S RANGE 48 WFIELD \_\_\_\_\_ COUNTY Cheyenne STATE Co. OWNED BY Same

## THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							
INITIAL PROD: OIL BPD, H <sub>2</sub> O BPD, GAS MCF							
PRESENT PROD: OIL BPD, H <sub>2</sub> O BPD, GAS MCF							
FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		U	16.6	4 1/2	0	5000	1500
LINER							
TUBING							
OPEN HOLE				7 7/8	0	5250	SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ☐ ANNULUS ☐ CASING ☒ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_

PTA w/stand: 40 sk - 5000 - 4900, 40 sk - 2300' - 2200', 40 sk - 1500 - 1400  
 40 sk - 565' - 465', 10 sk @ surf  
 5 sk - Rat hole, 5 sk - mouse hole  
 180 sk Total

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 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 \_\_\_\_\_

CUSTOMER

DATE

4/19/93

TIME

01:00

A.M. P.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.

BEST IMAGE  
AVAILABLE



**HALLIBURTON SERVICES**

 A Division of Halliburton Company

## BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND  
TICKET NO.

236156

DATE <b>4-18-93</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>32-12 BLANCA STATE</b>	COUNTY	STATE
CHARGE TO <b>UNION PACIFIC RESOURCES</b>		OWNER <b>SAME</b>	CONTRACTOR <b>MURKIN # 14</b>	No. <b>B 150938</b>
MAILING ADDRESS		DELIVERED FROM <b>BRIGHTON, CO.</b>	LOCATION CODE <b>55410</b>	PREPARED BY <b>GOODELL/PARKER</b>
CITY & STATE		DELIVERED TO <b>TAKE CALL SHEET</b>	TRUCK NO. <b>2523</b>	RECEIVED BY <i>Yesum</i>

[illegible]



## JOB LOG

WELL NO. 1

LEASE

Blanca State 32-12

TICKET NO.

336185

CUSTOMER

UPRC

PAGE NO.

1

JOB TYPE

PTA

DATE

4/19/93

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	18:15							Called Out
	23:45							On Loc. - all Equip
	24:10							Safety meeting
	24:20							Howco & Cust Ready
1	24:20	7	10		1	500		Water
2	24:23	7	8.4		1	600		40 sk cmt Plug from 5000' - 4900'
3	24:25	5	3.3		1	200		Water
4	24:30	7	6.5		1	400		Disp w/ mud To Balance
5	02:30	8	10		1	400		Water
6	02:35	5	8.4		1	300		40 sk cmt Plug from 2300' - 2200'
7	02:37	3	3.3		1	300		Water
8	02:38	5	27.2		1	300		Disp w/ mud to balance
9	03:25	7	10		1	400		Water
10	03:30	5	8.4		1	300		40 sk cmt Plug from 1500' - 1400'
11	03:31	5	3.3		1	100		Water
12	03:34	5	15.8		1	100		Disp w/ mud to Balance
13	04:10	7	40		1	250		Circ hole w/ water
14	04:20	6	8.4		1	150		40 sk cmt Plug from 565' - 465'
15	04:21	6	6.5		1	100		Disp w/ water to Balance
16	05:40	3	2		1	50		10 sk cmt Plug @ surface
17	05:45	2	1		1	50		5 sk cmt Plug in Rat hole
18	05:50	2	1		1	50		5 sk cmt Plug in Mouse hole
	06:00							Job Complete
								Trucks + Crew Released
								Thanks for calling Halliburton
								Jim & Chris



**FIELD OFFICE**