

# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-1

HALLIBURTON  
DIVISION

*Denver Colo*

RECEIVED

HALLIBURTON  
LOCATION

*Casper, Wyo.*

BILLED ON  
TICKET NO.

*11452*

## WELL DATA

*COLO. OIL & GAS CONS. COMM.*

FIELD <i>Wyo. Wyo.</i>	SEC. <i>A</i>	TWP. <i>14</i>	RNG. <i>48</i>	COUNTY <i>WYOMING</i>	STATE <i>WYO.</i>
FORMATION NAME <i>Morrison</i>	TYPE <i>Sand</i>				
FORMATION THICKNESS	FROM <i>2500</i>	TO <i>2100</i>			
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					

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	<i>N</i>	<i>9 5/8</i>	<i>0</i>	<i>310</i>	<i>294</i>	
LINER	<i>U</i>	<i>4"</i>	<i>0</i>	<i>3993</i>	<i>11.4</i>	
TUBING	<i>U</i>	<i>4 1/2</i>	<i>3993</i>	<i>7,066</i>		
OPEN HOLE		<i>7 7/8</i>	<i>310</i>	<i>7,111</i>	TOTAL DEPTH: <i>7,066</i>	
PERFORATIONS					SHOTS/FT.	
PERFORATIONS					SHOTS/FT.	
PERFORATIONS					SHOTS/FT.	

## JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>10-5-75</i>	DATE <i>10-6-75</i>	DATE <i>10-6-75</i>	DATE <i>10-6-75</i>
TIME <i>2300</i>	TIME <i>01030</i>	TIME <i>0430</i>	TIME <i>1630</i>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>Ray L. LAR</i>	<i>7265</i> <i>MT400</i>	<i>CASPER</i>
<i>Jim</i>	<i>8660</i> <i>Pack</i>	<i>CASPER</i>
<i>M.E. HIGGINS</i>	<i>21627</i> <i>Pack</i>	<i>CASPER</i>

DEPARTMENT *Chemical*

DESCRIPTION OF JOB *Plugging Annulus*

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

CUSTOMER REPRESENTATIVE *X* *Don Carroll*

HALLIBURTON OPERATOR *M.E. Higgins* COPIES REQUESTED *1*

## CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<i>I</i>	<i>45</i>	<i>Reg</i>	<i>G</i>	<i>Kings</i>	<i>3</i>	<i>None</i>	<i>1.15</i>	<i>15.8</i>
<i>II</i>	<i>25</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
<i>III</i>	<i>10</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING	DISPLACEMENT	<i>600</i>	PREFLUSH: BBL.-GAL.	<i>11</i>	TYPE	<i>220</i>
BREAKDOWN	MAXIMUM		LOAD & BKDN: BBL.-GAL.		PAD: BBL.-GAL.	<i>3440</i>
AVERAGE	FRACTURE GRADIENT		TREATMENT: BBL.-GAL.	<i>20 1/2</i>	DISPL: BBL.-GAL.	<i>91275</i>
SHUT-IN: INSTANT	5-MIN.		CEMENT SLURRY: BBL.-GAL.	<i>111</i>		
	15-MIN.		TOTAL VOLUME: BBL.-GAL.	<i>175 1/2</i>		
ORDERED	AVAILABLE	USED	REMARKS			
	AVERAGE RATES IN BPM		<i>2100 - 13500 - 13500</i>			
TREATING	DISPL.	<i>3 1/2</i>	<i>See 7/24/75 2-17-75</i>			
	CEMENT LEFT IN PIPE	OVERALL <i>8 1/2</i>				
FEET	REASON	<i>Plug</i>				

CUSTOMER

CUSTOMER

LEASE

WELL NO.

JOB TYPE

DATE

TIME