

JOB SUMMARY

HALLIBURTON DIVISION Denver
 HALLIBURTON LOCATION Casper

BILLED ON TICKET NO. 013005

WELL DATA

FIELD lone Pine SEC. 28 TWP. 9N RNG. R1W COUNTY Jackson STATE CO

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		4	24	4 5/8	0	157	
LINER							
TUBING		4	4.7	2 3/4	0	157	
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

FORMATION THICKNESS FROM TO

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

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

COMPLETION DATE MUD TYPE MUD WT.

PACKER TYPE SET AT

BOTTOM HOLE TEMP. PRESSURE

MISC. DATA TOTAL DEPTH

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-28</u>	DATE <u>9-28</u>	DATE <u>9-28</u>	DATE <u>9-28</u>
TIME <u>0930</u>	TIME <u>1055</u>	TIME <u>1134</u>	TIME <u>1150</u>

TOOLS AND ACCESSORIES

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

RECEIVED

OCT 15 1990

OIL & GAS CONS. COMM

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>B. Ellis</u>	<u>39884</u>	<u>Casper</u>
	<u>P.4</u>	
<u>G. Smiley</u>	<u>75784</u>	<u>4</u>
	<u>TC-4</u>	
<u>D. Gowan</u>	<u>3773</u>	<u>4</u>
	<u>BH</u>	

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.

PERFPAC BALLS TYPE QTY.

OTHER

OTHER

DEPARTMENT Cont

DESCRIPTION OF JOB PTM

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

CUSTOMER REPRESENTATIVE X Rich Flowers

HALLIBURTON OPERATOR Bob Ellis COPIES REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>35</u>	<u>Prem</u>	<u>70</u>		<u>0</u>	<u>West</u>	<u>1.15</u>	<u>15.8</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING DISPLACEMENT PRESLUSH: BBL.-GAL. 2 TYPE H2O

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

AVERAGE FRACTURE GRADIENT TREATMENT: BBL.-GAL. DISPL: BBL.-GAL. 4

SHUT-IN: INSTANT 5-MIN. 15-MIN. CEMENT SLURRY: BBL.-GAL. 7

ORDERED AVAILABLE USED TOTAL VOLUME: BBL.-GAL. 10 1/4

TREATING DISPL. OVERALL CEMENT LEFT IN PIPE

FEET REASON

REMARKS See Job log

CUSTOMER: Flowers End
LEASE STATE: State
WELL NO.:
JOB TYPE: PTM
DATE: 9-28-90