

LOCATION (LEGAL) **Sec 9 4S R104**
 FORMATION **Plug**
 PARISH **Douglas** STATE **COLO** APL NO.
Rio Blanco

WELL DATA: **HAYES**
 BIT SIZE **7 5/8** CSBG, Size **7 5/8** BOTTOM
 TOTAL DEPTH **24** WEIGHT
 ROT CABLE FOOTAGE
 MUD TYPE GRADE
 BHST BHCT THREAD **103-08148** TOTAL
 MUD DENSITY LOSS FOOTAGE BRIDE JOINTS
 MUD VISC. Disp. Capacity

NAME **Chapparel**
 AND
 ADDRESS
 ZIP CODE

SPECIAL INSTRUCTIONS **Set Plug AT 3550' in 7 5/8 casing with 30 sks 'G' Also Pump 150 sks G Down 10 3/4 And 7 5/8 Annulus ALSO Pump 30 sks G AT 90' TO SURFACE in 7 5/8 casing**

NOTE: Include Footage From Ground Level To Head In Disp. Capacity
 Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE **2 3/8** TOOL TYPE
 Single WEIGHT **4.7** DEPTH
 Swage GRADE TAIL PIPE SIZE DEPTH
 Knockoff THREAD **8 R** TUBING VOLUME
 TOP OR C/W NEW USED CASING VOL. BELOW TOOL
 BOT OR C/W DEPTH **3550** TOTAL
 ANNUAL VOLUME

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT **1000** PSI BUMP PLUG-TO PSI
 ROTATE RPM RECIPROCATE FT No. of Controllers

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION	LEFT LOCATION
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME: 0700 DATE: 10-11	TIME: 14:30 DATE: 10-11
0001 to 2400									
0700								Arrive local Rig up	SERVICE LOG DETAIL
10:40								PRE-JOB SAFETY MEETING	wait to Trip pipe
10:59	100	-	13	0	2	Fresh	8.34	START Fresh water EST CIBER	Hold Pre Job SAFETY meeting
11:05	100	-	5.2	13	2	cem	15.8	START cement Slurry	
11:10	400	-	13	18	3.5	Fresh	8.34	START Disp.	
11:15	0	-	-	31	6	"	"	Shut Down Pull out of Hole Rig up to Ann	
11:20	20	-	20.5	-	1.5	cem	15.8	START cement Down 10 3/4 And 7 5/8 Annulus	
12:44	60	-			1.5	"	"	RATE + PSI	
11:45	50	-		20.5	0	"	"	Shut Down wait on cement And On SURFACE	
13:29	20	-	5.2		1.5	cem	15.8	START cement Pump Down 2 3/4 And out 7 5/8 TO S	
13:30	0	-		5.2		"	"	Shut Down cement TO SURFACE	
13:35								Rig up TO Annulus 10 3/4 TO 7 5/8	
13:35	50	-	8.2		1.5	cem	15.8	START cement Down Annulus 10 3/4 TO 7 5/8	
13:45	50	-		8.2	0	"	"	Shut Down BUT OF cement	
								Rig cut well Head OFF TO morrow	
								Job COMPLETE	

REMARKS **Pump 140 sks Down Annulus 10 3/4 And 7 5/8 Didn't Pressure up TO 200 psi**

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENS
1.	30	1.15	G cement 1st Plug AT 3550'				5.2	15
2.	140	1.15	Annulus Plug G Cement 10 3/4 And 7 5/8				28.7	15
3.	30	1.15	'G cement 90' TO SURFACE				5.2	15
4.								
5.								
6.								

BREAKDOWN-FLUID TYPE **WASHED THRU PARTS** YES NO
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL **13** Bbls TYPE OF WELL OIL GAS STORAGE BRINE WATER
 Washed Thru Parts YES NO TO FT. MEASURED DISPLACEMENT WIRELINE INJECTION WILDCAT
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE **Jerry Hayes** DS SUPERVISOR **Robert I Fox**

ONE ID