

# Red Mesa Bond Claim: Task 2 - Plug and Abandon - 385931 067-09710

Harris #5

Prepared SRC

6/16/2023

**Notes:**

Spud 08/13/2009

**FIELD NAME**

**Red Mesa**

**FIELD NUMBER**

**72890**

## LOCATION

**Basin**

San Juan

Mineral Owner: Fee

**Location-Townships**

33N

Surface Owner: Fee

**Location-Ranges**

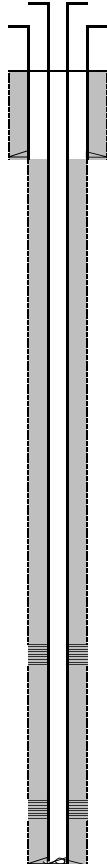
12W

**Elevation**

6,566'

## Depth Formation/Member

0'		
500'	MENEFEE	582 ft.
1,000'	POINT LOOKOUT	978 ft.
	MANCOS	1217 ft.
1,500'		
2,000'		
	GALLUP	2318 ft.
2,500'		
3,000'	GREENHORN	3123 ft.
	GRANEROS	3190 ft.
	DAKOTA	3323 ft.
3,500'		



## Existing Casing and Cement Coverage

308" Surface Casing, 8-5/8", J-55, 24 ppf  
cemented w/ 150 sx in 11" hole

TOC @ 450' CBL

Possible  
2-7/8" tubing set @ 3,326'  
Rods, pump, packer, anchor

Completed Gallup - 2,616'-2,640'

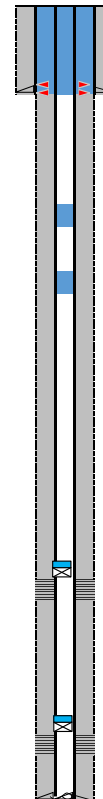
Completed Dakota - 3,313'-3,327'

3,520' Production Casing, 5-1/2", J-55, 17 ppf  
cemented w/400 sx in 7-7/8" hole

3,520' TMD / 3,520' TVD  
PBD 3,520'

## Depth

0'
500'
1,000'
1,500'
2,000'
2,500'
3,000'
3,500'



## Proposed Plug Placement

Fill cement to surface in all annuli w/additional sx as needed  
Cut, cap, and bury per COGCC rules/regulations/guidelines

Plug 5  
Circulate 120 sx w/returns to surface  
Establish circulation to surface  
Perf 5-1/2" @ 358'

Plug 4  
Pump 15 sx @ 988'

Plug 3  
Pump 15 sx @ 1,227'

Circulate well clean  
Pressure test casing after setting CIBP @ 2,563'

Plug 2  
Set 5-1/2" CIBP @ 2,563 w/3 sx on top

Plug 1  
Set 5-1/2" CIBP @ 3,263 w/3 sx on top

RIH w/gauge ring & tag existing PBDT  
Remove rods, tubing, tubing anchor/packer/BHA  
Remove any obstructions in the well to reach PBDT  
Kill the well - Do not assume well is dead  
Check Pressure on all casing and annulus & continuously monitor

Space	Hole/Csg	Csg	cf/f	bbls/ft
Annulus above shoe	8.625	5.5	0.1926	0.0343
Annulus below shoe	7.875	5.5	0.1733	0.0309
Casing		5.5	0.1305	0.0232
Plug #	sx	bbls		
1		3	0.6	
2		3	0.6	
3		15	3.0	
4		15	3.0	
5		120	24.0	
Total		156	31	

\*BOP or other mechanical method should be used for well control