

WESTERN PETROLEUM

DATE 2-19-91DISTRICT VernalF.R.# L169303

SERVICES

OPERATOR Chandler & Associates

CEMENTING REPORT

WELL NAME & NUMBER S.W. Rangely #15-25LOCATION: SEC. 25BLOCK OR
TOWNSHIP 1-N

SURVEY OR

RANGE 103-WCOUNTY Rio BlancoSTATE ColoSTAGE NUMBER 1, 2, 3, 4TYPE JOB P.3A

00046944

FBG/DP: Size <u>4"</u>	Weight <u>14</u>	Disp <u>0.084</u>	Conductor	Surface	Int.	Prod.	Liner
Perforated Interval	Size						
Pkr. Type	Set at		Weight				
Open Hole Size <u>ave 10-11"</u>	Formation		Thread				
Stage Collar Type	Set at		Capacity				
Estimated Wash Out	%		Depth				

Sacks or Bbls.	Composition of Cement and Spacer	Gals/sk H ₂ O	Weight Lb/Gal	Yield Ft 3	Pump Time Hours	TOTAL Cu. Ft.	TOTAL Bbls.
133 SK	Class G-T .15% WR 15	4.97	15.8	1.15	2	155	27
103 SK	Class "G" neat	4.97	15.8	1.15		72	12
86 SK	Class "G" neat	4.97	15.8	1.15		87	15
RECEIVED							
FEB 28 1991							

Total Mix H₂O 28 SOLO.OIL & GAS CONS.COMM Bbls. Total Displacement 118 Bbls, Type mud Total Products 49 Bbls

M.A. Time	Remarks	Rate	Pressure	
			Tubing	Casing
12:00	Start H ₂ O ahead (10 bbls)	3	0	0
12:10	Start cement (27 bbls)	3	0	0
12:20	Start H ₂ O behind (1 bbl)	3	0	0
12:21	Start mud (80 bbls)	3	0	0
12:35	End displacement (End Plug)	1	0	0
	Plug #2			
9:51	Start H ₂ O ahead (10 bbls)	3	0	0
9:58	Start cement (12 bbls)	3	0	0
10:02	H ₂ O behind (2 bbls)	3	0	0
10:03	Start mud	3	0	0
10:10	End displacement (End Plug)	1	0	0
	Plug #3			
3:05	Start H ₂ O ahead (5 bbls)	3	0	0
3:07	Start cement (6 bbls)	3	0	0
3:10	H ₂ O behind (1 bbl)	3	0	0
3:11	displace mud (1 bbl)	3	0	0
	Plug #4			
3:20	Start mixing & pump till cement got to surface			

Break Down At BPM At PSISqueezed To PSI Running Hesitation Reversed out BBL Slurry at PSICustomer considered service ☒ Satisfactory
☐ UnsatisfactoryCustomer Rep: Danny KingMax Pressure 500 Differential Press. Bumped Plug Yes No Pressure to Cmt. Circ. to surface Sacks Float Held Yes No Shut in with PSIService Supervisor Ted Powell