



**RIVAL SERVICES**  
**BISON OIL & GAS II, LLC**



Well Name & No.: CARLSON #1-23		Report #: 1		Report Date: 9/23/2019	
County: WELD	State: CO	Rig: BRIGADE #94		API Number: 05-123-22302	
DIRECTIONS				AFE Amount:	
Perforations:				Horizontal Well: NO	
Production Casing 8-5/8" CSG AT 538'				Vertical Well: YES	
MUD INFO				Kick Off Point (Feet):	
Vis	Weight	Water Loss		Liner Top	
Pumping Type:			SPM:	Measured Depth:	
Liners	Stroke Length (in.):		GPM	PBSD 6981'	
Bit Information				Date of Last Fluid Level:	
<b>Daily Activity:</b>				Supervisor: Chandler / Schneider	
<p>09:00 Hold Safety Meeting and Perform JSA. MIRU Brigade Rig #94 and support equipment. Set pumps &amp; tanks. Fill 2 frac tanks with fresh water. Make up drilling flange on wellhead. NU 9" spool, 9" mud cross &amp; 9" X 5K BOP's. 11:00 RU pump and lines. 15:30 PU 7-7/8" Rock Bit, Bit Sub, and 3-1/2" Drill Collar. Tagged cement @ 9', establish circulation and drill out 95' of cement plug, PU 3-1/2" DRILL COLLARS, TIH AND TAGGED CEMENT @ 448'. PRESSURE TEST CASING TO 250 PSI, HELD FOR 15 MINUTES AND RELEASED. DRILLED HARD CEMENT FROM 448' DOWN TO 575' AND FELL INTO OPEN HOLE FOR 50' AND TAGGED UP AGAIN. STARTED DRILLING HARD CEMENT AGAIN. DRILLED DOWN TO 656'. 06:00 CREW CHANGE.</p>					
<b>Tubing Detail:</b>		<b>Rod Detail:</b>		<b>Daily Costs:</b>	
		Pump:			
Total: 0.00		Total: 0.00			



**RIVAL SERVICES**  
**BISON OIL & GAS II, LLC**



Well Name & No.: CARLSON #1-23		Report #: 2		Report Date: 9/24/2019	
County: WELD	State: CO	Rig: BRIGADE #94		API Number: 05-123-22302	
DIRECTIONS				AFE Amount:	
Perforations:				Horizontal Well: NO	
Production Casing 8-5/8" CSG AT 538'				Vertical Well: YES	
MUD INFO				Kick Off Point (Feet):	
Vis	Weight	Water Loss		Liner Top	
Pumping Type:			SPM:	Measured Depth:	
Liners	Stroke Length (in.):		GPM	PBSD 6981'	
Bit Information				Date of Last Fluid Level:	
<b>Daily Activity:</b>				Supervisor: Chandler / Schneider	
<p>09:00 Hold Safety Meeting and Perform JSA. Continue drilling on cement at 656'. Drilling on cement @ 755'. We are tagging a tight spot with 17 jts in and 10" in on jt #18 703'. Loose rotation and overpull to get out of hole. RD Swivel. 13:30 TOOH LD 16 jts 2-7/8" J-55 tbg 4 3-1/2" Drill collars and 7-7/8" Bit. 15:00 Load out drill collars and all handling tools. 16:00 TIH 2-7/8" Notched collar and 18 jts 2-7/8" 18:00 CREW CHANGE AND CIRCULATE CEMENTERS AND PUMP 10 BBLs OF FRESH WATER AND 320 SACKS OF CLASS G CEMENT WITH 2% CALICUM CHLORIDE. GOT 2 BBLs OF CEMENT BACK TO SURFACE. RDMO CEMENTERS. TOOH AND LD TUBING AND NOTCHED COLLAR. ND BOPS AND START TO RDMO.</p>					
<b>Tubing Detail:</b>		<b>Rod Detail:</b>			
		Pump:			
Total: 0.00		Total: 0.00			