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**Scott Swain WOG**

**Date:** 9/24/19 & 9/26/19

**Address:** 1700 Lincoln St

Unit #:

Operator: \_\_\_\_\_ Accepted and approved by: \_\_\_\_\_

Accepted and approved by: \_\_\_\_\_

JOB SUMMARY REPORT

Ticket # \_\_\_\_\_

CEMENTING

Customer: Whiting Petroleum Corp. Date: 9/24/2019  
Lease & Well Name: Emerald 171 SEC,TWN,RNG \_\_\_\_\_

Job Type. P & A County. Rio Blanco

Surface CSG Size	Wt./Grade	Thread	Depth From	To.			
7	26 per foot	T&C	27	Surface			
Inter CSG Size	Wt./Grade	Thread	Depth From	To.			
Prod. CSG Size	Wt./Grade	Thread	Depth From	To.			
Liner CSG Size	Wt./Grade	Thread	Depth From	To.			
TBG or D.P. Size	Wt./Grade	Thread	Depth From	To.			
SKS	Materials Furnished			Slurry Wt. P.P.G.	Slurry Yield FT	Water Gal./Sk	
88	ASTM C Type 2			13.9/14.6	0.98	8 bbl	

Float Equipment \_\_\_\_\_

Personnel & Equipment \_\_\_\_\_

Notes \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## # \_\_\_\_\_

Customer:	Whiting Petroleum Corp.	Date:	9/24/2019
Lease & Well Name:	Emerald 171	SEC,TWN,RNG	

[illegible]

**JOB LOG**

Date: 9/24/2019

**CEMENTING**

Customer: Whiting Petroleum Corp.

Lease & Well Name: Emerald 171

Rig #

TIME	DESCRIPTION	RATE	PSI	VOLUME	CEMENT PLUGS
6:00 a.m.	Held tailgate safety meeting and review JSA				Bottom 122 ft
	R/U wireline CCL & weigh bar				
	RIH found PBTD @ 122 ft				
	confirm depth 3x				
	POOH lay down equipment, rid down wirline				
8:00 a.m.	Rig up cement unit				
	Psi test equipment to 500 #				
8:30 a.m.	RIH with 2" HP hose and nosel from spool skid				
	Hung off hose @ 116 ft				
10:00 a.m.	Start pumping cement				
	Pumped 88 sacks of cement		140/160	8 bbls	Top 18 ft
	Pulled 3 samples				
1:00 p.m.	POOH, flush and clean equipment				
	COGCC representative to verify cement				
3:00 p.m.	SDFN				

Operator: \_\_\_\_\_ Accepted and approved by: \_\_\_\_\_

## JOB LOG

Date: 9/26/2019

## CEMENTING

**WOG**

**Customer:**

Lease & Well Name: Emerald 171

Rig # \_\_\_\_\_

[illegible]

Operator: \_\_\_\_\_ Accepted and approved by: \_\_\_\_\_