

# BISON OIL WELL CEMENTING, INC.

1547 Gaylord Street  
Denver, Colorado 80206  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: bisonoil1@qwestoffice.net



INVOICE #  
LOCATION  
FOREMAN

11904  
55-80  
K.IL

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
5-2-13	Shale USX PLAB 11-62-1AHL	11	7N	64W	Weld
BILL TO		CONSULTANT			
Ucile		BO			
OWNER		RIG NAME & NUMBER			
		PD 828			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
				3103-3211	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		3:00pm		2:30pm	
STATE, ZIP		TIME LEFT LOCATION			
		12:00am			
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 3/4			BFUTIE 3% BCCA-1, 25 lbs per sk BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
805				15.2	1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor		
9 5/8			.5256		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	Capacity Factor		
795			.0773		
CASING WEIGHT	PACKER DEPTH	TYPE OF TREATMENT			
36 lb		<input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A			
CASING CONDITION	HYD HHP = RATE X PRESSURE / 40.8				
Good					
Max Rate	% Excess				
	16%				
Max Pressure	BBL to Pit				
	10				

## DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, PSI test, Per roman Cier 60 BBLs KLL H2O 2nd 1041 Dye, mix Pump 479 sks cement at 30% Excess at 1.27 yield at 15.2 lbs orundill stopped By cement, Release Plug Disp 58.2 BBLs H2O, Bump Plug at 150 PSI over Lift PSI, wait 5 min Release PSI, wash up Rig Down

X Authorization To Proceed

Title

WSS

X 5-2-13 Date

Customer hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.

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Treatment Report Page 2

## DESCRIPTION OF JOB EVENTS

Safety Meeting	9:120	Displace 1	Displace 2	Displace 3	Displace 4	Displace 5	Displace 5
MIRU	8:30	BLS Time PSI	BLS Time PSI	BLS Time PSI	BLS Time PSI	BLS Time PSI	BLS Time PSI
CIRCULATE	10:03	0 10:38 30	0	0	0	0	0
Drop Plug		10 10:41 280	10	10	10	10	10
		20 10:42 280	20	20	20	20	20
		30 10:44 340	30	30	30	30	30
		40 10:46 410	40	40	40	40	40
M & P		50 10:48 470	50	50	50	50	50
Time	Sacks	500 10:51 280	60	60	60	60	60
		70	70	70	70	70	70
10:14 pm	428						
10:35 stop							
		80	80	80	80	80	80
		90	90	90	90	90	90
		100	100	100	100	100	100
		110	110	110	110	110	110
		120	120	120	120	120	120
		130	130	130	130	130	130
		140	140	140	140	140	140
		150	150	150	150	150	150

Notes:

used 1690 Erics

used 428 sks cement

96.8 BLS slurry

Bump Plug At 10:51pm 460psi

PSI test casing 1000 psi for 15-min

X Bob K.C.

X W.S.S.

X 5-2-13

Work Performed

Title

Date