

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

11989
Wells Ranch
Calvin Reimers

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
6-15-13	Wells Ranch USX AE 07-69-14N	12	6N	62W	Weld
BILL TO		CONSULTANT			
Noble		Roger F.			
OWNER		RIG NAME & NUMBER			
Noble		H&P Rig 277			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
		33 miles		3106/3211	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		6:00pm		5:30pm	
STATE, ZIP		TIME LEFT LOCATION			
		9:45pm			

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
624		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
618.27		
CASING WEIGHT	PACKER DEPTH	
36 lb		
CASING CONDITION	Good	
Max Rate	7	
Max Pressure	2500	

Cement Makeup

Cement Blend	BFN III 3% BCCA-1.25 1/2" BFLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	15.2	127	5.89
Annulus Factor	Capacity Factor		
.5259	.0773		
TYPE OF TREATMENT			
<input checked="" type="checkbox"/> Surface Pipe	<input type="checkbox"/> Production	<input type="checkbox"/> Squeeze	
<input type="checkbox"/> MISC Pump	<input type="checkbox"/> P&A		

HYD HHP = RATE X PRESSURE / 40.8

% Excess
BBL to Pit

15
12

DESCRIPTION OF JOB EVENTS

MIRU, Safety meeting, Psi Test to 500 Psi, Circ 40 bbls H₂O with KCL + Pink Dye x 16 in 2nd 10 bbls, Mix + pump till good dye is seen at 152 lbs 127 yield, Drop plug, Displace 44.4 bbls H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min Then bleed off Psi, Wash up, Rig down.

Robert Sticks
Authorization To Proceed

Well Site Supervisor
Title

6-15-13
Date

Customers hereby acknowledge and specifically agree 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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DESCRIPTION OF JOB EVENTS

		Displace 1			Displace 2			Displace 3			Displace 4			Displace 5			Displace 5		
		BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI
Safety Meeting	6:52pm																		
MIRU	6:52pm																		
CIRCULATE	7:56pm	0	8:23pm	80	0			0			0			0			0		
Drop Plug		10	8:26pm	150	10			10			10			10			10		
		20	8:28pm	230	20			20			20			20			20		
		30	8:29pm	300	30			30			30			30			30		
		40	8:32pm	250	40			40			40			40			40		
		45	8:34pm	250	50			50			50			50			50		
M & P		60	Bump	560	60			60			60			60			60		
Time	Sacks	70			70			70			70			70			70		
8:03pm/8:20pm	321	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:

Float Held

USED 15% Excess = 321 SKS, 72.6 bbls Slurry

12 bbls Slurry To Surface

X Robert Adams

X Well Site Supervisor

X 6-15-13
Date

Work Performed