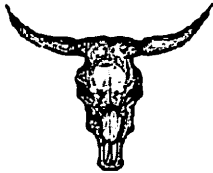


# BISON OIL WELL CEMENTING, INC.

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



INVOICE #

35007

LOCATION

22-39

FOREMAN

Kirk

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
12-11-14	Greenleaf 3N-2H2	2	2N	6SW	Weld
BILL TO		CONSULTANT			
Anadarko		Toby			
OWNER		RIG NAME & NUMBER			
		major 42			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
		20		4035-303/4007-3211/422/3213	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		8:00pm		7:15pm	
STATE, ZIP		TIME LEFT LOCATION			
		8:15pm			
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13.5	5" DP		BFN 340 BCL(A-1) 125 lbs per sack BFL 1-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
1054	1044			14.2	1.49
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Water Requirements		
	19.5		7.48		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	Annulus Factor		
	Good		Capacity Factor		
CASING WEIGHT	PACKER DEPTH		TYPE OF TREATMENT		
			<input type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input checked="" type="checkbox"/> P&A		
CASING CONDITION			HYD HHP = RATE X PRESSURE / 40.8		
Max Rate			% Excess		
Max Pressure			BBL to Pit		

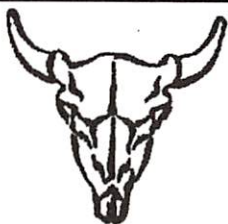
## DESCRIPTION OF JOB EVENTS

Rig up, safety meeting, PST test, Per cement circ 10 BBLs H2O, mix & Pump 379 SLS cement at 14.2 lbs at 1.49 yield at 1044 ft, Dis 8 BBLs H2O, Rig to pull pipe to 550 ft, mix & Pump 459 SLS cement at 14.2 lbs at 1.49 yield to surface no displacement, Top off as needed.

x Mark Hought  
Authorization To Proceed

Title

x 12-11-14  
Date



**Bison Oil Well Cementing  
Single Cement Surface Pipe**

Customer  
Well Name

Anadarko Petroleum Corporation  
greenleaf 3n-2hz

INVOICE #  
LOCATION  
FOREMAN  
Date

35087  
Weld  
kirk kallhoff  
12/12/2014

Treatment Report Page 2

**DESCRIPTION OF JOB EVENTS**

		Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
		BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
Safety Meeting	500am															
MIRU	730pm															
CIRCULATE	518am	0	547am	150	0			0			0			0		
Drop Plug		10			10			10			10			10		
		20			20			20			20			20		
		30			30			30			30			30		
		40			40			40			40			40		
M & P		50			50			50			50			50		
Time	Sacks	60			60			60			60			60		
523 am	387	70			70			70			70			70		
547 am stop		80			80			80			80			80		
638 am	253	90			90			90			90			90		
706 am stop		100			100			100			100			100		
		110			110			110			110			110		
% Excess	81%	120			120			120			120			120		
Mixed bbls	114	130			130			130			130			130		
Total Sacks	640	140			140			140			140			140		
bbl Returns		150			150			150			150			150		
Water Temp																

Notes:

cicr 20 bbls h2o m&p 387 sks 102.6 bbls slurry disp 8 bbls h2o

cicr 10 bbls h2o m&p 253 sks 67.1 bbls slurry

X

Work Performed

X

Title

X

Date

12-12-14