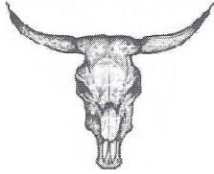


BISON OIL WELL CEMENTING, INC.

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



INVOICE #
LOCATION
FOREMAN

13043
WCR 39+38
Calvin Reimers

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
11-10-14	HSR CARROLL 9-36	36	4N	66W	Weld
BILL TO		CONSULTANT			
Anadarko		Logan			
OWNER		RIG NAME & NUMBER			
Anadarko		Ensign 320			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
		7 miles		4023-3104	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		12:00 pm		10:45 am	
STATE, ZIP		TIME LEFT LOCATION			
		1:15 pm			
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BEN FIL 2% BCCA-1.25 1/2" BFLA-1	
	2 3/8		Cement - Specs	lbs	Yield
				15.2	1.27
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor	
	4012		.0155	.0039	
CASING SIZE	TUBING WEIGHT	OPEN HOLE	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		
4 1/2	48 lb.				
CASING DEPTH	TUBING CONDITION	TREATMENT VIA			
	Good				
CASING WEIGHT	PACKER DEPTH				
11.6 lb.					
CASING CONDITION		HYD HHP = RATE X PRESSURE / 40.8			
Max Rate		% Excess			
Max Pressure		BBL to Pit			

DESCRIPTION OF JOB EVENTS

MIRU, SAFETY MEETING, BREAK CIR, Mix + pump 10 SKS 2.26 bbls slurry AT 15.2 lbs
1.27 yield, Displace 14 bbls H₂O, Washup, Rig down

X Authorization To Proceed

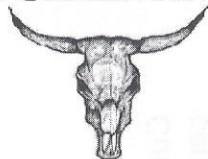
Title

X 11-10-14
Date

Customers 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.

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

13043
WCR 38439
Calvin Reimers

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting MIRU CIRCULATE Drop Plug N/A M & P Time 12:09pm/12:11pm	11:00am	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5			Displace 5		
		BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
		0	12:11pm	150	0			0			0			0			0		
		10	12:13pm	260	10			10			10			10			10		
		20	12:18pm	270	20			20			20			20			20		
		30			30			30			30			30			30		
		40			40			40			40			40			40		
		50			50			50			50			50			50		
		60			60			60			60			60			60		
		70			70			70			70			70			70		
		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:

Circ 2 1/2 bbls H₂O, Mix + pump 10 sks, 2.24 bbls Slurry @ 15.2 lbs. 1.27 yield, Displace 14 bbls H₂O to 4012', CEMENT TO COVER 129' in 4 1/2" CASING

X

Work Performed

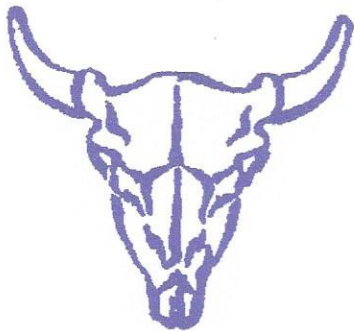
X

Title

X

Date

11-10-14



Bison Oil Well Cementing

Customer: ANADARKO
Well Name: HSR CAROLL 9-36

Invoice # 72015
API# 05-123-13794
Foreman: AARON
Date 11/10/2014

County: Weld
State: Colorado
Sec: 36
Twp: 4N
Range: 66

Consultant: LOGAN
Rig Name & Number: ENSIGN #320
Distance To Location: 7 MILES
Units On Location: 3101-4029-108-4022-3213
Time Requested: 1PM
Time Arrived On Location: 12PM

Time Left Location:

Plug Job

Well Data

OD Inches		
String Weight Per ft		
First Plug Sacks	370	
First Plug Depth	1366	
Second Plug Sacks		
Second Plug Depth		
Third Plug Sacks		
Third Plug Depth		
Fourth Plug Sacks		
Fourth Plug Depth		
ID	#N/A	
First Plug Displacement	#N/A	bb1
Second Plug Displacement	#N/A	bb1
Thirst Plug Displacement	#N/A	bb1
Fourth Plug Displacement	#N/A	bb1
bb1s of Spacer Ahead	5	bb1s

bb1s of Slurry

First Plug bb1s of Slurry	86.9840 bb1s
Second Plug bb1s of Slurry	0.0000 bb1s
Third Plug bb1s of Slurry	0.0000 bb1s
Fourth Plug bb1s of Slurry	0.0000 bb1s

First Plug Cement Data

Cement Name: BFN III
Cement Density (lb/gal) : 14.8
Cement Yield (cuft) : 1.32
Gallons Per Sack: 6.30

Second Plug Cement Data

Cement Name: BFN III
Cement Density (lb/gal) : 14.8
Cement Yield (cuft) : 1.32
Gallons Per Sack: 6.30

Third Plug Cement Data

Cement Name: neat g
Cement Density (lb/gal) : 15.8
Cement Yield (cuft) : 1.15
Gallons Per Sack: 5.00

Fourth Plug Cement Data

Cement Name: BFN III
Cement Density (lb/gal) :
Cement Yield (cuft) :
Gallons Per Sack:

Displacement Fluid lb/gal: 8.3
Fluid Ahead (bb1s): 15.0
H2O Wash Up (bb1s): 20.0

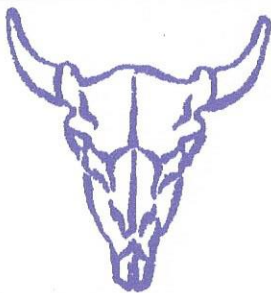
bb1s of Mix Water

First Plug bb1s Mix Water	55.5000 bb1s
Second Plug bb1s Mix Water	0.0000 bb1s
Third Plug bb1s Mix Water	0.0000 bb1s
Fourth Plug bb1s Mix Water	0.0000 bb1s

X

Authorized To Proceed

Customers hereby acknowledges and specifically agrees to the terms and condition on this work order, including, without limitation, the provisions on this work order.



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

Customer
Well Name

ANADARKO
HSR CAROLL 9-36

INVOICE #
LOCATION
FOREMAN
Date

72015
Weld
AARON
11/10/2014

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

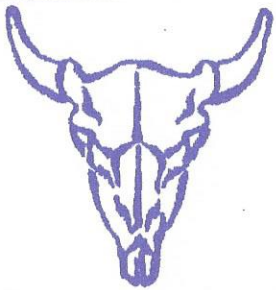
Safety Meeting MIRU	2:30PM		Displace 1			Displace 2			Displace 3			Displace 4		
	12:20PM		BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
			0	3:32PM	890	0			0			0		
	2:42PM		10	3PM@1E	870	10			10			10		
			20			20			20			20		
			30			30			30			30		
			40			40			40			40		
M & P		50			50			50			50			
First Plug Second Plug Third Plug Fourth Plug First Plug Second Plug Third Plug Fourth Plug Water Temp	Time Sacks		60			60			60			60		
	2:45PM	370	70			70			70			70		
		0	80			80			80			80		
		0	90			90			90			90		
		#DIV/0!	100			100			100			100		
			110			110			110			110		
	55.5		120			120			120			120		
			130			130			130			130		
			140			140			140			140		
			150			150			150			150		
	54													

Notes:

X
Work Preformed

X
Title

X
Date



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

Customer
Well Name

ANADARCO
HSR CARROL 9-36

INVOICE #
LOCATION
FOREMAN
Date

72017
Weld
AARON
11/13/2014

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

	9:25AM		Displace 1			Displace 2			Displace 3			Displace 4		
	8AM		BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
Safety Meeting														
MIRU			0	9:48AM	220	0	10:28AM	430	0			0		
			10	9:51AM	180	10	10:31AM	450	10			10		
CIRCULATE	9:40AM		20	53@14BB	200	20	10:34AM	560	20			20		
CIRCULATE			30			30	10:37AM	450	30			30		
CIRCULATE			40			40			40			40		
CIRCULATE			50			50			50			50		
M & P			60			60			60			60		
	Time	Sacks	70			70			70			70		
First Plug	9:45AM	25	80			80			80			80		
Second Plug		#DIV/0!	90			90			90			90		
Third Plug		#DIV/0!	100			100			100			100		
Fourth Plug		#DIV/0!	110			110			110			110		
			120			120			120			120		
First Plug	3.8		130			130			130			130		
Second Plug			140			140			140			140		
Third Plug			150			150			150			150		
Fourth Plug														
Water Temp	49													

Notes:

X

Work Preformed

X

Title

X

Date