

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

11886
35-34
Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
4-3-13	Brattain L12-115I	12	3N	66W	Weld
BILL TO	CONSULTANT				
Wesle	Chris				
OWNER	RIG NAME & NUMBER				
	Ensign 306				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
			3103-3203		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	9:00am		8:30am		
STATE, ZIP	TIME LEFT LOCATION				
	4:00pm				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
	2 3/8	
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
	5027	
CASING SIZE	TUBING WEIGHT	OPEN HOLE
	4.7 lb	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
	Good	
CASING WEIGHT	PACKER DEPTH	
CASING CONDITION		
Max Rate		
Max Pressure		

Cement Makeup

Cement Blend	Graft		
Cement - Specs	lbs	Yield	Water Requirements
	15.8	1.15	5.0
Annulus Factor	Capacity Factor		
	.00387		

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	

HYD HHP = RATE X PRESSURE / 40.8

% Excess
BBL to Pit

DESCRIPTION OF JOB EVENTS

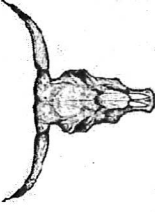
Safety meeting, Rig up, PSI test, Per cement Breaker, mix Pump 100 SKS Graft cement at 15.8 lb at 1.15 yield Disp 14.4 BBLs H₂O, Pull pipe to 2500 ft, Breaker mix Pump 50 SKS Graft cement at 15.8 lb at 1.15 yield Disp 7.1 BBLs H₂O, Pull pipe to 735 ft, Breaker mix Pump Graft cement at 15.8 lb at 1.15 yield do surface Disp 1/2 BBL decaff, wash up Rig Down

X
Authorization To Proceed

Title

X 4-3-13
Date

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DESCRIPTION OF JOB EVENTS

	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI
Safety Meeting	9:28 am														
MIRU	9:30 am														
CIRCULATE	9:34	0	9:47	50	12:29	50	0	1:52	X	0			0		
Drop Plug		10	9:51	150	12:34	X	10			10			10		
		1420	9:54	X			20			20			20		
		30					30			30			30		
		40					40			40			40		
		50					50			50			50		
M & P															
Time	Sacks	60					60			60			60		
9:38 am	100	70					70			70			70		
12:26 pm	50	80					80			80			80		
1:17 pm	320	90					90			90			90		
		100					100			100			100		
		110					110			110			110		
		120					120			120			120		
		130					130			130			130		
		140					140			140			140		
		150					150			150			150		

Notes: ~~used~~ 470 sacks total
 96.1 BBS slurry total

X 4-3-13
 Date

X
 Title

X
 Work Performed

BISON OIL WELL CEMENTING, INC.

1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net



SERVICE INVOICE

№ 11886

WELL NO. AND FARM <i>Brattain L12-11JI</i>		COUNTY <i>Weld</i>	STATE <i>CO</i>	DATE <i>4-3-13</i>
CHARGE TO <i>Woble</i>		WELL LOCATION SEC. <i>12</i> TWP. <i>3N</i> RANGE <i>66W</i>		CONTRACTOR <i>Ensign 306</i>
		DELIVERED TO <i>35-34</i>		LOCATION <i>1 SLP</i> CODE
		SHIPPED VIA <i>3103-3203</i>		LOCATION <i>2 35-34</i> CODE
		TYPE AND PURPOSE OF JOB <i>P/A</i>		LOCATION <i>3 SLP</i> CODE
				WELL TYPE <i>6W</i> CODE

PRICE REFERENCE	DESCRIPTION	UNITS		UNIT PRICE	AMOUNT
		QTY.	MEAS.		
	Pump charge	1	perch	3000 ⁰⁰	3000 ⁰⁰
	Grout cement	470	SLS	22 ⁴⁵	10551 ⁵⁰
	Mileage 4 ⁰⁰ per mile 60 mile round trip trucks	2	perch	240 ⁰⁰	480 ⁰⁰
	Mileage 15 ⁰⁰ per mile 60 mile round trip pickup	1	perch	90 ⁰⁰	90 ⁰⁰
	Data Acc	1	perch	225 ⁰⁰	225 ⁰⁰
	Iron Inspection	1	perch	500 ⁰⁰	500 ⁰⁰
	Job time	3	hrs	250 ⁰⁰	750 ⁰⁰
	Sugar	50	lbs	2 ⁰⁰	100 ⁰⁰
	Brattain L12-11JI				
	140125				
	22 009				
	Total Weight				
	Loaded Miles				
	Ton Miles				

If this account is not paid within 30 days of Invoice date a FINANCE CHARGE will be made. Computed at a single monthly rate of 1 1/2% which is equal to an ANNUAL PERCENTAGE RATE OF 18%.

TAX REFERENCES

SUB TOTAL

15696⁵⁰

TAX

"TAXES WILL BE ADDED AT CORPORATE OFFICE"

TOTAL

SUBJECT TO CORRECTION

Customer or His Agent

Bison Oil Well Cementing, Inc. Representative

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.