

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11424

LOCATION 68-69

FOREMAN Kurt Lallha  
Pete

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
5-17-12	Wells Ranch 458 AE 29-62-THW	29	6N	62W	Weld	

CHARGE TO <u>Waste</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Waste</u>
CITY	CONTRACTOR <u>HEP315</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>5:00am</u>	TIME LEFT LOCATION <u>1:00pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>758</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>DBTD 704.29</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>747.3</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>3615</u>	PACKER DEPTH		[ ] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>good</u>			[ ] PRODUCTION CASING		INITIAL BPM
			[ ] SQUEEZE CEMENT		FINAL BPM
			[ ] ACID BREAKDOWN		MINIMUM BPM
			[ ] ACID STIMULATION		MAXIMUM BPM
			[ ] ACID SPOTTING		AVERAGE BPM
			[ ] MISC PUMP		
			[ ] OTHER		HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Permit Performed Pump 400 sts cement at 30% excess at 127 yd at 152 lbs or until cement stops 45, Release Plug Displ 54.4 BBLs N2O, Pump Plug at 150 Psi over Lift Psi, wait 5 min Release Psi washing Rig Down.

Arrived w/ 600 sts cement 4 gal Tel 1602 Dye 75 lbs sep 1/2 gal soap 92.5 BBLs slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety meeting 9:43am spacer 10:06am cement 10:15am  
stop cement 10:38am Drop Plug 10:41am Displace 10:41am  
10 BBLs at 6 BBLs/m 10:43am 300psi  
20 BBLs at 6 BBLs/m 10:45am 400psi  
30 BBLs at 6 BBLs/m 10:47am 450psi  
40 BBLs at 6 BBLs/m 10:48am 500psi  
50 BBLs at 2.5 BBLs/m 10:50am 350psi  
54.4 BBLs at 1 BBL/m 10:52am 350psi  
Pump Plug 10:52am 790psi  
Post test casing 1000 lbs 15 min  
Bison Posit Performed Bit testing casing it will leave microannulus cracks in cement.  
L Flow 191 sts cement 2 gal 3/4 Tel 602 Dye

used 30% excess  
used 400 sts cement  
92.5 BBLs slurry  
BBLs Back 15

AUTHORIZATION TO PROCEED WSS TITLE 5-17-12 DATE