

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11415  
LOCATION 55776  
FOREMAN Kirk  
Tucker, Denis, etc

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-19-12	Dyer USX Ad 35-14-1	34	7N	64W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>HSP 323</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>4:30 pm</u>	TIME LEFT LOCATION <u>11:00 pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>844</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>794.32</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>838.62</u>		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>36 lb</u>	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION <u>Good</u>			BREAKDOWN BPM		

PRESSURE SUMMARY				TREATMENT RATE	
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	[ ] SURFACE PIPE	INITIAL BPM
FINAL DISPLACEMENT	psi	ISIP	psi	[ ] PRODUCTION CASING	FINAL BPM
ANNULUS	psi	5 MIN SIP	psi	[ ] SOEEZE CEMENT	MINIMUM BPM
MAXIMUM	psi	15 MIN SIP	psi	[ ] ACID BREAKDOWN	MAXIMUM BPM
MINIMUM	psi			[ ] ACID STIMULATION	AVERAGE BPM
				[ ] ACID SPOTTING	
				[ ] MISC PUMP	
				[ ] OTHER	HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up Softy meeting PSF Test Perco-man circ 60 bbls KCL/H2O 2nd 10 w/dye  
mn+ pump 457 str cement at 30% excess of yield at 38% excess at 15.2 lbs or until co-man stops w  
Release plug clasp 61.4 bbls H2O Bump plug at 150 psi over lift psi wait 5 min wash plug draw  
H2O test ok

Arrived w/ 750 str cement 4 gal KCL 16 oz dye 103.3 bbls slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Softy meeting 9:11 circ 9:30 cement 9:40  
stop cement 10:07 Drop Plug 10:09 Displace 10:09

10 bbls at 6 bbls/min 10:11 150 psi Used 5 excess  
20 bbls at 6 bbls/min 10:13 300 psi used 371 str cement  
30 bbls at 6 bbls/min 10:14 400 psi 83.9 bbls slurry  
40 bbls at 6 bbls/min 10:16 500 psi  
50 bbls at 6 bbls/min 10:17 520 psi