

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11222

LOCATION 49-30

FOREMAN Kirk Kalloff  
Mike R Mike P Scott

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
7-28-12	Dracut H2565112	2.5	3.2	6.5W	Weld	
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR Noble				
CITY		CONTRACTOR Ensign 121				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 11:00pm		TIME LEFT LOCATION 3:30am				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 754	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNUUS LONG		
PROD 701	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 744		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 3615	PACKER DEPTH		[X] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION good			[ ] PRODUCTION CASING		INITIAL BPM
			[ ] SQUEEZE CEMENT		FINAL BPM
			[ ] ACID BREAKDOWN		MINIMUM BPM
			[ ] ACID STIMULATION		MAXIMUM BPM
			[ ] ACID SPOTTING		AVERAGE BPM
			[ ] MISC PUMP		
			[ ] OTHER		HYD PIP = RATE X PRESSURE X 40.8

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	15 MIN SIP	psi
ANNUUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Btst, Pre run in CIG 50 BBS REL H2O 2nd 1000 Dye mix Pump  
407 sks cement at 300 Excess at 107 yield at 102 lbs or until stopped by cement, Release Plug, Disp  
54.1 BBS H2O, Pump Plug at 150 psi over 1 ft Bt, wait 5 min Release Bt, wash up Rig down,  
H2O test ok  
Arrived w/ 600 sks cement 4 gal Rel 1600 Dye 72 BBS slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety meeting 1:33am CIG 11:50am cement 2:10pm displacement 2:23 am  
Disp Plug 2:25 am Displace 2:25 am  
10 BBS at 6 BBS/min 2:27 am 300psi  
20 BBS at 6 BBS/min 2:29 am 300psi  
30 BBS at 6 BBS/min 2:32 am 400psi  
40 BBS at 6 BBS/min 2:33 am 450psi  
50 BBS at 2.5 BBS/min 2:35 am 400psi  
54.1 BBS at 1 BBS/min 2:38 am 300psi  
Pump Plug 2:38 am 500psi  
Used 10% Excess  
Used 345 sks cement  
78 BBS slurry

Off w/ 255 sks cement 2 gal 3 gal Rel 600 Dye BBS Bt 10  
L. Ralfe Co REP 7-28-12  
AUTHORIZATION TO PROCEED TITLE DATE