

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10225

LOCATION 18-37

FOREMAN Kirk Kaillhoff
miker LR

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
7-8-11	Badding usxw25-07D	25	2N	66W	Weld	

CHARGE TO Noble	OWNER
MAILING ADDRESS	OPERATOR Noble
CITY	CONTRACTOR Ensign 128
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 5:15am	TIME LEFT LOCATION 10:45am

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL
TOTAL DEPTH 1035	TUBING DEPTH	SHOTS/FT	INSTRUCTED
PBD 984.22	TUBING WEIGHT	OPEN HOLE	
CASING SIZE 8 7/8	TUBING CONDITION		
CASING DEPTH 1028.26			
CASING WEIGHT 24 lb	PACKER DEPTH		
CASING CONDITION good			

PRESSURE SUMMARY		TREATMENT RATE	
BREAKDOWN or CIRCULATING psi	AVERAGE psi	TYPE OF TREATMENT	BREAKDOWN BPM
FINAL DISPLACEMENT psi	ISIP psi	[] SURFACE PIPE	INITIAL BPM
ANNULUS psi	5 MIN SIP psi	[] PRODUCTION CASING	FINAL BPM
MAXIMUM psi	15 MIN SIP psi	[] SQUEEZE CEMENT	MINIMUM BPM
MINIMUM psi		[] ACID BREAKDOWN	MAXIMUM BPM
		[] ACID STIMULATION	AVERAGE BPM
		[] ACID SPOTTING	
		[] MISC PUMP	
		[] OTHER	

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Psi test, circ 5066lb KLLH2O 2nd 104/Dye, mix & Pump Lead 2645Ks cement at 10% excess at 1.32 yield at 14.8 lbs, Tail 1005Ks cement at 1.27 yield at 15.2 lbs, or common steps 45 Percoman, Release Plug Disp 62.6 BBls H2O, Bump Plug At 150 psi over Lift Psi, wait 5 min, Release Psi washup, Rig Down 1420 test OK

Arrived w/ 4505Ks neat cement / 2005Ks 3% cement 4 gal Red 1602 Dye 62 BBls slurry Lead / 22.6 tail

JOB SUMMARY

DESCRIPTION OF JOB EVENTS safety meeting 9:00am circ 9:13am cement 9:24am
Drop Plug 9:44am Disp 9:44am
10 BBls At 5.5 BBls/m 9:51am 280psi used 2645Ks cement Lead
20 BBls At 5.5 BBls/m 9:53am 310psi used 1005Ks cement tail
30 BBls At 5.5 BBls/m 9:55am 420psi 3645Ks total
40 BBls At 5.5 BBls/m 9:57am 530psi 62 BBls slurry Lead
50 BBls At 5.5 BBls/m 9:59am 600psi 22.6 BBls slurry tail
60 BBls At 2.0 BBls/m 10:02am 470psi 84.6 BBls total
62.6 BBls At 1.0 BBls/m 10:04am 420psi 10% excess on Lead
Bump Plug 10:04am 620psi

Lift w/ 1865Ks neat cement 1005Ks 3% cement 2 gal 1/2 gal Red 602 Dye BBls Back 24

John M Taylor
AUTHORIZATION TO PROCEED

Co. Man
TITLE

7-8-11

DATE