

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10216

LOCATION 49-26

FOREMAN Kirk Kallho FF
mike R CR Richard m

TREATMENT REPORT

DATE 6-20-11	WELL NAME Dechant D31-22D	SECTION 31	TWP 3N	RGE 64W	COUNTY weld	FORMATION
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR Noble				
CITY		CONTRACTOR Saxon 145				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 4:30pm		TIME LEFT LOCATION 9:30am				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 821	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 4880 761.19	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 7/8	TUBING CONDITION		TUBING		
CASING DEPTH 814.5	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT 24 lb	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 HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB: Rig up, safety meeting, psi test, circ 5055 KCL H2O, 2nd 10w/Dye, mix Pump 3475Ks cement at 30% excess at 1.27 yeild at 15.2 lbs or, untill cement stops up, no more than 50% excess per cement, Release Plug Disp 48.9 BBls H2O, Bump Plug At 150psi over Lift Psi, wait 5min, Release Psi, washup, Rig Down H2O test OK

Arrived w/ 5755Ks cement 4 gal KCL 16oz Dye 78.4 BBls slurry

JOB SUMMARY

DESCRIPTION OF JOB EVENTS: safety meeting 7:35am circ 8:13am cement 8:23am

Drop Plug 8:44am Displace 8:44am

10 BBls At 5.5 BBls/m 8:48am 290psi

20 BBls At 5.5 BBls/m 8:50am 360psi

30 BBls At 5.5 BBls/m 8:52am 450psi

40 BBls At 3.5 BBls/m 8:54am 380psi

48.9 BBls At 1.0 BBls/m 8:58am 350psi

Bump Plug 8:58am 480psi

used 10% excess

used 2945Ks cement

66.3 BBls slurry

Lft w/ 2815Ks cement 2 gal 3pts KCL & Dye

BBls Back 10

Auth. 7. HWS

WBS

6-20-11

AUTHORIZATION TO PROCEED

TITLE

DATE

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