

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-296-8143
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 9736

LOCATION 49-30

FOREMAN Kirk Kainho RP
mike R LR Jessie

TREATMENT REPORT

DATE 4-15-11	WELL NAME Dechant state H36-18D	SECTION 36	TWP 3N	RGE 6SW	COUNTY weld	FORMATION
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR Noble				
CITY		CONTRACTOR Ensign 121				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 3:30pm		TIME LEFT LOCATION 7:45pm				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 746	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBD 697.59	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 741		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 2415	PACKER DEPTH		[] 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 405 BBLs KEL H2O, 2nd 1000/Dye, mix & Pump 316 slts cement at 127yrild at 15.2 lbs or until comm steps us, Release Plug, Displace 44.4 BBLs H2O, Bump Plug at 150 psi over 100 psi, wait 5min, Release Psi, wash up, Rig Down

Arrived w/ 575 slts cement 4 gallons KEL 16oz Dye H2O test OK
71.2 BBLs slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS safety meeting 5:42pm circ 6:25pm cement 6:34pm
Drop Plug 6:57pm Displace 6:57pm

10 BBLs At 5.5 BBLs/m 7:00pm 270psi used 30% excess
20 BBLs At 5.5 BBLs/m 7:02pm 370psi used 316 slts cement
30 BBLs At 5.5 BBLs/m 7:04pm 440psi 71.2 BBLs slurry
40 BBLs At 2.5 BBLs/m 7:08pm 310psi
44.4 BBLs At 1.0 BBLs/m 7:11pm 280psi
Bump Plug 7:11pm 440psi

LPHW/ 259 slts cement 3gal KEL 6oz Dye BBLs Back 13

AUTHORIZATION TO PROCEED
TITLE
DATE 4-15-11