

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
Denver, Colorado 80202  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 9004

LOCATION WCR 55-80

FOREMAN Kirk Kallho  
mike R mike D mike S

## TREATMENT REPORT

DATE 5-18-10	WELL NAME Farrow USX AB15-99H2	SECTION 15	TWP 7N	RGE 64W	COUNTY weld	FORMATION
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR Noble				
CITY		CONTRACTOR coda 22				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 11:00pm		TIME LEFT LOCATION 7:30am				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 855	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 798.4	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 845.07		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT 3616	PACKER DEPTH		[ ] SURFACE PIPE		TREATMENT RATE
CASING CONDITION good			[ ] PRODUCTION CASING		BREAKDOWN BPM
			[ ] SQUEEZE CEMENT		INITIAL BPM
			[ ] ACID BREAKDOWN		FINAL BPM
			[ ] ACID STIMULATION		MINIMUM BPM
			[ ] ACID SPOTTING		MAXIMUM BPM
			[ ] MISC PUMP		AVERAGE BPM
			[ ] OTHER		HYD HHP = RATE X PRESSURE X 40.8

### PRESSURE SUMMARY

BREAKDOWN or CIRCULATING psi	AVERAGE psi	
FINAL DISPLACEMENT psi	ISIP psi	
ANNULUS psi	5 MIN SIP psi	
MAXIMUM psi	15 MIN SIP psi	
MINIMUM psi		

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Psitest, circ 65 BBLs H2O 2nd 10w/Dye mix & Pump 460 sks cement at 3040 Excess at 127 yd at 15.2 lbs or until roman steps 45, Release Plug Displace 61.7 BBLs H2O Bump Plug at 150psi over Lift Psi, wait 5min Release Psi, wash up Rig Down H2O test ok

Arrived w/ 700 sks cement 4 gallons Kcl 16oz Dye 104 BBLs slurry

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS safety meeting 5:00am circ 5:39am cement 5:54am  
Drop Plug 6:25am Displace 6:25am  
10 BBLs AT 5.5 BBLs/m 6:28am 380psi used 440 Excess per column  
20 BBLs AT 5.5 BBLs/m 6:30am 380psi used 371 sks cement  
30 BBLs AT 5.5 BBLs/m 6:37am 420psi 83.2 BBLs slurry  
40 BBLs AT 5.5 BBLs/m 6:43am 510psi  
50 BBLs AT 5.5 BBLs/m 6:45am 520psi  
60 BBLs AT 1.0 BBLs/m 6:49am 380psi  
61.7 BBLs AT 1.0 BBLs/m 6:55am 320psi  
Bump Plug No Leak at Landing JT Flange

LFT w/ 329 sks cement 2 gallons 2gts Kcl 6oz Dye 13 BBLs Back 5

AUTHORIZATION TO PROCEED

Well Site Supervisor 5-18-10

TITLE

DATE