

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11483
LOCATION 89-53
FOREMAN Kirk Kallhoff
Dario Pete Leen

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-29-12	Pronghorn 31-B4-15 H4N	15	SN	6/4	Weld	
CHARGE TO Bananza Creek		OWNER				
MAILING ADDRESS		OPERATOR Bananza Creek				
CITY		CONTRACTOR Ensign 128				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 8:30 pm		TIME LEFT LOCATION 11:00 pm				

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE 13 1/2	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH 453	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
PBD 396.3	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 9 5/8	TUBING CONDITION		TUBING	
CASING DEPTH 440.31		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT 36 lb	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION good			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
			<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
			<input type="checkbox"/> MISC PUMP	
			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, set fee, meeting, P. sided, Per company circ 30 BBLs RLL H2O, 2nd 10w/Dye mix, Pump 227 sks cement at 30% excess at 1.27 yield at 15.2 lbs or until cement stops up, Release Plug Disp 30.6 BBLs H2O Pump Plug at 150 psi over Lift Psi, shut in well, wash up Rig Down H2O stop OK
Arrived w/ 600 sks cement 4 gal RLL 16oz Dye 51.3 BBLs slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS set fee, meeting 9:33pm circ 9:51pm cement 9:56pm stop cement 10:12pm
Drop Plug 10:14pm Displace 10:14pm
10 BBLs at 6.0 BBLs/m 10:16pm 250psi used 63% excess
20 BBLs at 6.0 BBLs/m 10:18pm 400psi used 286 sks cement
30 BBLs at 1.0 BBLs/m 10:21pm 200psi 64.6 BBLs slurry
30.6 BBLs at 1.0 BBLs/m 10:21pm 200psi
Pump Plug 10:21pm 400psi
Rig Put cement head on didn't Tighten enough and Leaked
cement did not Drop

Lft w/ 314 sks cement 3 gal 1qt RLL 6oz Dye BBLs Back 8

John Brader Co man 3-29-12
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.