

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9246
LOCATION WCR 68+69
FOREMAN Darrel Sattman

TREATMENT REPORT

DATE <u>7-26-10</u>	WELL NAME <u>Wells Ranch USX AA 11-10P</u>	SECTION <u>11</u>	TWP <u>6N</u>	RGE <u>63W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Noble</u>			
CITY			CONTRACTOR <u>ENGIN 55</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>9:07 pm</u>			TIME LEFT LOCATION <u>2:35 am</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>664.10</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>608.45</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>651.50</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>251#</u>	PACKER DEPTH		[] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>good</u>			[] 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, Saffy meeting, psi test to 500 psi, Circ 30 bbls of H₂O w/ 2nd 10 w/ 10 oz Dye, mix pump 30% excess 281 sks of cement @ 15.214 @ 1.27 yield or until stopped by Co man, Drop Plug Displace 38.7 bbls of H₂O, Bump Plug @ 150 psi over/ft psi, wait 5 min Release psi weigh up Plug Down H₂O test ok Arrived w 500 sks of Cement 491 kcl 32 oz Dye 63.5 bbls of Slurry

JOB SUMMARY

DESCRIPTION OF JOB EVENTS: Saffy meeting 12:58 Circ 1.06 gal Cement + 116 gal Drop Plug 1:43 am Displace 1:13 am

10 bbls	5.0 / m	180 psi	1:46 am	used 257 sks of cement 18% excess 58.1 bbls of Slurry
20 bbls	5.0 / m	280 psi	1:48 am	
30 bbls	3.5 / m	350 psi	1:51 am	
38.7 bbls	1.0 / m	300 psi	1:55 am	
Bump Plug	420 psi		1:55 am	

left w 243 sks 491 lat kcl 16 oz Dye 12 bbls of Slurry Back

[Signature]
AUTHORIZATION TO PROCEED

TITLE

7-26-10

DATE

Customers hereby acknowledge and specifically agree 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