

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10641

LOCATION Wells Ranch

FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-7-11	Wells Ranch UTXAA2566-011N	25	6N	63W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>H&P Rig 315</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>4:00 pm.</u>	TIME LEFT LOCATION <u>10:00 am.</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>716</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>662.59</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>706.42</u>		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>36 lb.</u>	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION <u>Good</u>			<input checked="" type="checkbox"/> SURFACE PIPE <input type="checkbox"/> PRODUCTION CASING <input type="checkbox"/> SQUEEZE CEMENT <input type="checkbox"/> ACID BREAKDOWN <input type="checkbox"/> ACID STIMULATION <input type="checkbox"/> ACID SPOTTING <input type="checkbox"/> MISC PUMP <input type="checkbox"/> OTHER		
			BREAKDOWN BPM INITIAL BPM FINAL BPM MINIMUM BPM MAXIMUM BPM AVERAGE BPM 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, Per Company Man, Mud Flush 10 bbls H₂O with 75 lbs Sapp, 10 bbls H₂O with 1/2 Gal Scap + Dyex 16, 30 bbls H₂O with KCL, Mix + pump tell Dye is seen then 10 bbls Slurry + Tub, Don't go over 30% Excess with out Talking to Company Man, Drop plug, Displace 51.2 bbls H₂O, Bump plug at 501 Psi, over Lift Psi, Wait 5 min then bleed off Psi, Wash up, Rig down, H₂O Tested good, We have 600 sks, 32 oz Dye, 24 Qts KCL, 75 lbs Sapp, 29 gals Scap,

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Safety Meeting 6:45 am, Mud Flush 7:59 am, Cement 8:09 am to 8:41 am Drop Plug 8:42 am Displace 8:42 am
10 bbls 310 Psi, 8:45 am 7.0 bbls/m
20 bbls 450 Psi, 8:47 am 7.0 bbls/m
30 bbls 630 Psi, 8:48 am 7.0 bbls/m
40 bbls 710 Psi, 8:50 am 7.0 bbls/m
51.5 bbls 380 Psi, 8:55 am 1.0 bbls/m
Bump Plug 910 Psi at 8:55 am, Float Collar Held
USED 53% Excess = 454 sks, 102.68 bbls Slurry
Left with 146 sks, 16 oz Dye, 21 Qts KCL

25 bbls. Slurry To The P.T

Earl Boyd
AUTHORIZATION TO PROCEED

TITLE

12-7-11

DATE