

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 7266
 LOCATION Wells Ranch
 FOREMAN Justin, Kirk, Brandon

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
6-8-08	Wells Ranch USX AE 21-14	21	6N	62W	Weid	-

CHARGE TO <u>Noble Energy</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>CADE #21</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>2:00 AM</u>	TIME LEFT LOCATION <u>8:00 AM</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>618</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	<u>226 SKS</u>	<u>30%</u>
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>611</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24#</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION			<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	

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 Pump 30 Bbl H₂O/KCL, Mix + Pump 294 SKS, Displace 36.3 Bbl H₂O

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS Safety meeting, MTRU, Pumped 30 Bbl H₂O/KCL, mixed + Pumped 294 SKS @ 15.2# 1.13.4 4.77g/sk, Dropped Plug, Displaced 36.3 Bbl H₂O, Bumped Plug @ 550 P.S.I., shot well in, cleaned up, RDMD

59.2 Bbl Slurry
25 Bbl to Pit


 AUTHORIZATION TO PROCEED

Co-Man
 TITLE

6-8-08
 DATE