

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9828  
LOCATION Wells Ranch  
FOREMAN Daniel Saltman

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
G-10-11	Wells Ranch PCAA 22-04	22	6N	63W		

CHARGE TO <u>Nohie</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Nohie</u>
CITY	CONTRACTOR <u>Cade 21</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>3:21 AM</u>	TIME LEFT LOCATION <u>7:15 AM</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>6527</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTP 6102</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>6501</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24 #</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

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, Psi test, Circ 30 hbls of H<sub>2</sub>O w/ KCL 2nd 10 w/ 6oz Dye mix + pump 278 sks of Cement @ 30% Excess @ 15.2" @ 1.27 yield or until 1st stop by Cement. Drop Plug Displace 38.8 hbls of H<sub>2</sub>O Pump Plug @ 150 psi over lift psi wait 5 min Release Psi Wash up Rig Down

Arrival w 700 sks of Cement 4 gal KCL 32 oz Dye 62.8 hbls of Slurry

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS: Safety meeting 5:35 AM Circ 5:57 AM Cement 6:05 AM  
Drop Plug 6:23 AM Displace 6:23 AM

10 hbls	6.0/m	320 psi	6:27 AM	93% Excess
20 hbls	6.0/m	400 psi	6:29 AM	307 sks of Cement
30 hbls	3.5/m	440 psi	6:32 AM	69.4 hbls of Slurry
38.8 hbls	1.0/m	300 psi	6:35 AM	
Pump Plug		500 psi	6:35 AM	

Left w 393 sks of Cement 3 gal KCL 16 oz Dye 128 hbls of Slurry Back

6-10-11

AUTHORIZATION TO PROCEED

TITLE

DATE