

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-298-3010
Fax: 303-298-6143
E-mail: bisonoil1@qwestoffice.net

INVOICE # 9091

LOCATION Vernon

FOREMAN Randy Newton

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
6-9-10	Bryant 43-14	14	25	45W	Yuma	
CHARGE TO Exrell		OWNER Noble				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR Exrell Sig 2				
STATE ZIP CODE		DISTANCE TO LOCATION 60 mi				
TIME ARRIVED ON LOCATION 3:30 P.M.		TIME LEFT LOCATION				

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
9 7/8"				
TOTAL DEPTH 361'	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 7"	TUBING CONDITION		TUBING	
CASING DEPTH 355'	PACKER DEPTH	TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT 20#			TREATMENT RATE	
CASING CONDITION good				

PRESSURE SUMMARY		TREATMENT RATE	
BREAKDOWN or CIRCULATING	AVERAGE		
FINAL DISPLACEMENT	ISIP	[] SURFACE PIPE	BREAKDOWN BPM
ANNULUS	5 MIN SIP	[] PRODUCTION CASING	INITIAL BPM
MAXIMUM	15 MIN SIP	[] SQUEEZE CEMENT	FINAL BPM
MINIMUM		[] 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 MIRU 5m Circ mtp 158 sts of B3-1.12 @ 15.12 1/2 gal water per 100
4.78 gal/stk 18 BBS mtr water field 1.13 cu ft per 100 Displace w/ 12.5 BBS 1/20
Shut in well 1.5 down Annulus 2647 cur 0405

90% excess as per Mark Zion tool pusher
JOB SUMMARY
DESCRIPTION OF JOB EVENTS MIRU 5m Circ mtp 5:26pm Displace Shut in well
1.5 down 3:30pm 5:10pm 5:13pm 5:15pm 5:30 10 100 5:32
5:34 5:31 12.5 100

10 BBS cement to pit

[Signature]
AUTHORIZATION TO PROCEED

[Signature]
TITLE

6-9-10

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.

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INVOICE # 9097

LOCATION U41 nom

FOREMAN Rande Newton

TREATMENT REPORT

DATE <u>6-10-10</u>	WELL NAME <u>Bryant 43-14</u>	SECTION <u>14</u>	TWP <u>25</u>	RGE <u>45W</u>	COUNTY <u>Yuma</u>	FORMATION
CHARGE TO <u>Excell</u>		OWNER <u>Noble</u>				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>Excell rig 2</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>60m.</u>				
TIME ARRIVED ON LOCATION <u>11:45 p.m.</u>		TIME LEFT LOCATION <u>1:45 a.m.</u>				

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE <u>6 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>2304</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING	
CASING DEPTH <u>2375</u>	<u>PBTD 2332</u>	TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT <u>11.6</u>	PACKER DEPTH		TREATMENT RATE	
CASING CONDITION <u>good</u>			[] SURFACE PIPE	BREAKDOWN BPM
			[] 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 MIRU, Sm, Circ, m+p 78 sks of NGel 12 @ 12 lb per gal water
req of 15.6 gal per SK 29 BBLs mix Yield of 2.64 cu ft per SK m+p 1.4 @ 13.8 lb/gal
water req of 9.7 gal per SK 13 BBLs mix Yield of 1.35 cu ft per SK Drop plug Displace
36.1 BBLs H2O 2% KCL land plug rig down Annulus, 1026 cap, 0.155
20% excess as per Sam chartier Field rep.

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRU Sm Circ m+p m+p Drop plug Displace
land plug 1:27 a.m. / 1:45 p.m. 12:30 a.m. 12:36 a.m. 12:40 a.m. 12:50 a.m. 1:00 a.m. 1:05 a.m.
Rig down 1:30 a.m.
1:09/10 100 PSI
1:18/20 300 PSI
1:28/30 500 PSI
1:27/36.1 1200 PSI

10 BBLs cement to pit
land plug w/200 PSI

Sam Chartier
 AUTHORIZATION TO PROCEED

Field Rep
 TITLE

6-11-10
 DATE

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