

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-6143
E-mail: bisonoil@qwestoffice.net

REF. INVOICE # 10477

LOCATION Yuma

FOREMAN Trawis

TREATMENT REPORT

DATE <u>4-23-11</u>	WELL NAME <u>Meis 32-8 B</u>	SECTION <u>8</u>	TWP <u>1N</u>	RGE <u>46W</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>60</u>			
TIME ARRIVED ON LOCATION <u>8:30 pm</u> <u>4:45 pm</u> <u>reg 9 pm</u>			TIME LEFT LOCATION <u>10:30 pm</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>515</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNUPLUS LONG		
PBTD <u>470</u>	TUBING WEIGHT	OPEN HOLE	STUING		
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>510</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>20 lbs</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>good</u>			<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 HPF = RATE X PRESSURE X 4.08

PRESSURE SUMMARY			
BREAKDOWN & CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	15IP	psi
ANNUPLUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB MIRD Safety, Cit M+P, 112-1054 133-lite 15.2 lb/gal
1.07 ylb, 4.2 gal/sk with 24 bbls of mix water drop plug and displace
19 bbls shot well in clean up move off location

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

Safety Cit M+P Drop plug displace 940 pm
9 pm 9:19 pm 9:22 9:40 120 psi 10 944 pm
210 psi 19.5 949 pm
90% excess

203 Bbls Top
[Signature] [Signature] 9/25/11
AUTHORIZATION TO PROCEED TITLE 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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REF. INVOICE # 10478

LOCATION Eckley

FOREMAN Travis

TREATMENT REPORT

DATE 9-28-11	WELL NAME Meis 32.8 B	SECTION 8	TWP 1N	RGE 46W	COUNTY Yuma	FORMATION
CHANGE TO Excell		OWNER Avalle				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR				
STATE ZIP CODE		DISTANCE TO LOCATION 60				
TIME ARRIVED ON LOCATION: 9:15am		TIME LEFT LOCATION: 12:45pm				

WELL DATA			PRESSURE LIMITATIONS	
HOUL SIZE 6 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH 2763	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
PBTD 2719	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 4 1/2	TUBING CONDITION		TUBING	
CASING DEPTH 2753		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT 10.5	PACKER DEPTH		1 SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION good			1 PRODUCTION CASING	INITIAL BPM
			1 SQUEEZE CEMENT	FINAL BPM
			1 ACID BREAKDOWN	MAXIMUM BPM
			1 ACID STIMULATION	MAXIMUM BPM
			1 ACID SPOTTING	AVERAGE BPM
			1 MISC PUMP	
			1 OTHER	

PRESSURE SUMMARY			
BREAKDOWN @ 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 MTRU Safety Circ 20 bbls ahead first 10 bbls with dye both with 2% KCL 20 bbls of mud flush with 2% KCL m+p 190 SKS of N gel-17 12.0 lb/gal 2.21 yld, 12.04 gal/sk 54.4 bbls of mix water m+p 56 SKS of KOL-Seal blend 1.36 yld, 9.7 gal/sk 13 bbls of mix water drop plug, displace 43.2 bbls with 2% KCL, set plug shut well in clean up move off location

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

MTRU Safety Circ. m+p drop plug displace
9:30am 10:18am 10:24am 10:40am 11:42am 11:42am

270psi @ 11:46am
Shut in 270psi - 20-11:50am
12:01pm @ 1250 psi. 340psi - 30-11:54am
450psi - 40-11:59am
1250psi - 43-12:01pm

17 bbls to the pit

100% excess

AUTHORIZATION TO PROCEED

TITLE

9/28/11
DATE

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