

BISON OIL WELL CEMENTING, INC.



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Denver, Colorado 80202
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REF. INVOICE # 11048

LOCATION 52-41

FOREMAN Kirk Kalkhoff
Pete, Leon

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
6-25-12	Stelling 3B-4H	4	1N	6SW	Weld	
CHANGE TO	Encana	OWNER				
MAILING ADDRESS		OPERATOR Encana				
CITY		CONTRACTOR Ensign 135				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 12:30am		TIME LEFT LOCATION 12:00pm				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 1020	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 965	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 1012		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT 40 lb	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION good			<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
			<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	

INSTRUCTIONS PRIOR TO JOB Rig up, safety meetings, Psited, Per conan, circ 40 BBls Kcl H2O 2nd 10wt Dye, mix & Pump 328 sks cement at 30% Excess at 127 yield at 15.2 lbs or until it stopped By conan, Release Plug Disp 72.6 BBls H2O Bump Plug At 150 psi over Lft Psi, wait 5 min Release Psi, wash up Rg, Down H2O test OK

Arrived w/ 650 sks cement 45all Kcl 16oz Dye 74.1 BBls slurry
9:00am 10:20am 10:30am

JOB SUMMARY DESCRIPTION OF JOB EVENTS Soft cementing 6:05am circ 6:43am cement 6:50am stop cement 11:02am

Drop Plug 11:06am Displace 11:06am Pump truck Break down Recirculating red cemental

10 BBls At 5 BBls/m 11:09am 150psi Plug shear off 20 min time Per calcu

20 BBls At 5 BBls/m 11:11am 210psi

30 BBls At 5 BBls/m 11:13am 330psi

40 BBls At 5 BBls/m 11:15am 430psi

50 BBls At 5 BBls/m 11:16am 500psi

60 BBls At 5 BBls/m 11:18am 570psi

70 BBls At 2.5 BBls/m 11:21am 450psi

72.6 BBls At 1 BBls/m 11:25am 400psi

Bump Plug NO shut well in at cement head

Lft w/ 150 sks cement 35all Kcl 6oz Dye BBls Bkl 20

used 98% Excess
used 500 sks cement
113 BBls slurry

6-25-12 DATE

AUTHORIZATION TO PROCEED TITLE

Customers hereby acknowledges and specifically agrees 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