

REF. INVOICE # 11664

LOCATION VR 3532

FOREMAN Mike Ross

DATE 12-3-12	WELL NAME 10NC 1E 2H	SECTION 2	TWP 2N	RGE 66W	COUNTY Weld	FORMATION
CHARGE TO Encana		OWNER Encana				
MAILING ADDRESS		OPERATOR Enxgt 135				
CITY		CONTRACTOR				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 1:45 pm		TIME LEFT LOCATION 9:45 pm				

WELL DATA

PRESSURE LIMITATIONS

HOLE SIZE		TUBING SIZE		PERFORATIONS		THEORETICAL		INSTRUCTED	
TOTAL DEPTH		TUBING DEPTH		SHOTS/FT		SURFACE PIPE ANNULUS LONG			
Casing Size		TUBING WEIGHT		OPEN HOLE		STRING			
Casing Depth		TUBING CONDITION				TUBING			
Casing Weight		PACKER DEPTH		TREATMENT VIA		TYPE OF TREATMENT		TREATMENT RATE	
Casing Condition						[] SURFACE PIPE		BREAKDOWN BPM	
						[] PRODUCTION CASING		INITIAL BPM	

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	[] ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT	psi	ISIP	psi	[] ACID STIMULATION	MAXIMUM BPM
ANNULUS	psi	5 MIN SIP	psi	[] ACID SPOTTING	AVERAGE BPM
MAXIMUM	psi	15 MIN SIP	psi	[] MISC PUMP	
MINIMUM	psi			[] OTHER	$HYD\ HHP = RATE \times PRESSURE \times 40.8$

INSTRUCTIONS PRIOR TO JOB Rig up, Satty, making Circ 30 Bbls H₂O KCL mix 2000 Dye mix + Pump 430
430 Sks Cement BFW 3% BICA-1.75 sks .3131 yield at 15-2100 60% Excess. Release Plug
Displace 76.4 Bbls H₂O Bump Plug, 150 PSI over lift wait 10 min Release PSI. Wash up
Rig Down
Approved with 600 Sks Cement 100% KCL, 1600 Dye

JOB SUMMARY

DESCRIPTION OF JOB EVENTS	Rig up	Satky, muck	Circ	man	Drop Plug	Displace	Shot Ev
	5:30pm	6:05pm	7:31pm	7:45pm	8:13	Turn	8:33pm
Cement START						8:16pm	10 310
	7:45pm					8:18pm	20 360
		8:09pm				8:20pm	30 450
Slurry 97.2						8:22pm	40 600
430 SKE Cement BFW 13%						8:26pm	50 6:40
240% Excesses						8:28pm	60 6:80
						8:30pm	70 6:80
BBs Back to P.T						8:33	76.4 450
						8:38	Pump Pln 865
Let with 170 SKE Cement 7 QTS KLL 60% Dye 105							

Ben L. F.

AUTHORIZATION TO PROCEED

TITLE

DATE _____

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