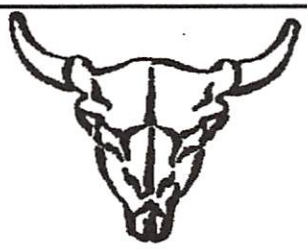


Bison Oil Well Cementing
1547 Gaylord Street
Denver, CO 80206

FIELD INVOICE #: 25009

FIELD INVOICE

WELL NO. AND FARM	COUNTY	STATE	DATE	Contractor
Mumby State 4G-36H-P266	Weld	Colorado	6/12/2014	H&P 522

CHARGE TO	WELL LOCATION Section	TWP	RANGE	
EnCana Oil & Gas (USA) Inc.	36	2N	66W	
EnCana Oil & Gas (USA) Inc.	DELIVERED TO: WCR 37+14		LOCATION 1: Shop	CODE
370 17th Street, Suite 1700	SHIPPED VIA: 4023-3104/4017-3211		LOCATION 2: 37+14	CODE
Denver, CO. 80202	TYPE AND PURPOSE OF JOB: SURFACE		LOCATION 3: Shop	CODE
			WELL TYPE: Oil	CODE

ITEM		DESCRIPTION	UNITS QTY.	UNITS MEAS.	UNIT PRICE	AMOUNT
PUMP CHARGE						$ -
	SURFACE		1	ea	$ 1,400.00	$ 1,400.00
						$ -
MILLEAGE CHARGE						$ -
	Pickup	$1.50 per Mile	60	mile	$ 1.50	$ 90.00
	Truck/Equipment	$4.00 per Mile	60	mile	$ 4.00	$ 240.00
	Truck/Equipment	$4.00 per Mile	60	mile	$ 4.00	$ 240.00
						$ -
CEMENT CHARGE:						$ -
	BFN III	3% BCCA-1 .25lb/sk BFLA-1	447	sk	$ 23.00	$ 10,281.00
ADDITIVES CHARGE:						
	Dye Blue		16	oz	$ 15.00	$ 240.00
	KCL		3	qt	$ 25.00	$ 75.00
	Sugar		100	lb	$ 2.00	$ 200.00
FLOAT EQUIPMENT:						
OTHER CHARGES:						
	DATA ACQUISITION FEE		1	ea	$ 225.00	$ 225.00
	Wait Time		0.75	hour	$ 250.00	$ 187.50
	PSI Test		1	ea	$ 500.00	$ 500.00

Encana Oil & Gas (USA) Inc.
DJ Basin: 6-12-2014
Well: Mumby State 4G-36H
AFE: 14180449
Major/Minor CC: 8715.618
Signature: Roy Hall
Approved: CC:KK $13,992.00

Thanks Calvin

SUB TOTAL	$ 13,678.50
TAX 2.90%	$ 313.08
TOTAL	$ 13,991.58

If this account is not paid within 30 days of invoice date a FINANCE CHARGE will be made. Computed at a single monthly rate of 1 1/2% which is equal to an ANNUAL PERCENTAGE RATE OF 18%.

SUBJECT TO CORRECTION

Roy Hall
Customer or Agent

Calvin D. Ollie
Bison Oil Well Cementing, Inc. Representative

Customers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the riverside hereof which include the release and indemnity.

Bison Oil Well Cementing
Single Cement Surface Pipe

Date: 6/12/2014
Invoice # 25009
API# 05-123-39218-00
Foreman: Calvin Reimers

Customer: EnCana Oil & Gas (USA) Inc.

Well Name: Mumby State 4G-36H-P266

County: Weld
State: Colorado

Sec: 36
Twp: 2N
Range: 66W

Consultant: Roy
Rig Name & Number: H&P 522
Distance To Location: 22 Miles
Units On Location: 4023-3104/4017-3211
Time Requested: 100am
Time Arrived On Location: 1130pm
Time Left Location: 5:45 Am

WELL DATA

Casing Size OD (in) :	9.625
Casing Weight (lb) :	40.00
Casing Depth (ft.) :	1,095
Total Depth (ft) :	1140
Open Hole Diameter (in.) :	12.25
Conductor Length (ft) :	82
Conductor ID :	16
Shoe Joint Length (ft) :	45
Landing Joint (ft) :	38
Max Rate:	7
Max Pressure:	2500

Cement Data

Cement Name:	BFN III
Cement Density (lb/gal) :	15.2
Cement Yield (cuft) :	1.27
Gallons Per Sack:	5.89
% Excess:	50%
Displacement Fluid lb/gal:	8.3
BBL to Pit:	22
Fluid Ahead (bbls):	30.0
H20 Wash Up (bbls):	20.0

Spacer Ahead Makeup
30bbls H2O+KCL+Dye in 2nd 10bbls

Casing ID 8.835 Casing Grade J-55 only used

Calculated Results

cuft of Shoe 19.17 cuft
(Casing ID Squared) X (.005454) X (Shoe Joint ft)

cuft of Conductor 73.06 cuft
(Conductor Width Squared) -(Casing Size OD Squared) X (.005454) X (Conductor Length ft)

cuft of Casing 475.75 cuft
(Open Hole Squared)-(Casing Size Squared) X (.005454) X (Casing Depth - Conductor Length)

Total Slurry Volume 567.98 cuft
(cuft of Shoe) + (cuft of Conductor) + (cuft of Casing)

bbls of Slurry 101.16 bbls
(Total Slurry Volume) X (.1781)

Sacks Needed 447 sk
(Total Slurry Volume) ÷ (Cement Yield) X (% Excess Cement)

Mix Water 62.72 bbls
(Sacks Needed) X (Gallons Per Sack) ÷ 42

Displacement: 82.44 bbls
(Casing ID Squared) X (.0009714) X (Casing Depth + Landing Joint - Shoe Joint)

Pressure of cement in annulus

Hydrostatic Pressure: 864.41 PSI

Pressure of the fluids inside casing

Displacement: 452.62 psi
Shoe Joint: 35.55 psi
Total 488.17 psi

Differential Pressure: 376.24 psi

Collapse PSI: 2570.00 psi
Burst PSI: 3950.00 psi

Total Water Needed: 195.16 bbls

X Roy Hm
Authorization To Proceed

Customers hereby acknowledges and specifically agrees to the terms and condition on this work order, including, without limitation, the provisions on this work order.

Bison Oil Well Cementing
Single Cement Surface Pipe

INVOICE #	25009
LOCATION	Weld
FOREMAN	Calvin Reimers
Date	6/12/2014

Customer	EnCana Oil & Gas (USA) Inc.
Well Name	Mumby State 4G-36H-P266

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

		Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
Safety Meeting	334am	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
MIRU	135am	0	421am	60	0			0			0			0		
CIRCULATE	353am	10	424am	230	10			10			10			10		
Drop Plug		20	425am	350	20			20			20			20		
420am		30	427am	350	30			30			30			30		
		40	428am	430	40			40			40			40		
M & P		50	430am	500	50			50			50			50		
Time	**Sacks**	60	432am	570	60			60			60			60		
401am	447	70	434am	630	70			70			70			70		
417am		80	436am	540	80			80			80			80		
		90	438am	500	90			90			90			90		
		100	Bump	1000	100			100			100			100		
		110			110			110			110			110		
% Excess	50%	120			120			120			120			120		
Mixed bbls	62.72	130			130			130			130			130		
Total Sacks	447	140			140			140			140			140		
bbl Returns	22	150			150			150			150			150		
Water Temp	64.8															

Notes:

The day

1/2 bbl Back on Bleed off

Casing PSI Test 439am 1550psi to 454am 1550psi

X Ray Herr
Work Preformed

X WSL
Title

X 6-12-2014
Date

Bison Oil Well Cementing
Single Cement Surface Pipe

Cementing Customer Satisfaction Survey

Service Date	6/12/2014
Well Name	Mumby State 4G-36H-P266
County	Weld
State	Colorado
SEC	36
TWP	2N
RNG	66W

Invoice Number	25009
API #	05-123-39218-00
Job Type	Single Cement Surface Pipe
Company Name	EnCana Oil & Gas (USA) Inc.
Customer Representative	Roy

Supervisor Name: Calvin Reimers

Employee Name (Including Supervisor)	Exposure Hours (Per Employee)
Calvin R	6.25
Eric R	6.25
James A	6.25
Total Exposure Hours	18.75

Did we encounter any problems on this job? ☐ Yes ☑ No

To Be Completed By Customer

Rating/Description
5 - Superior Performance (Established new quality/performance standards)
4 - Exceeded Expectation (Provided more than what was required/expected)
3 - Met Expectations (Did what was expected)
2 - Below Expectations (Job problems/failures occurred - *Recovery made)
1 - Poor Performance (Job problems/failures occurred - *Some recovery made)
*Recovery: resolved issue(s) on jobsite in a timely and professional manner

RATING	CATEGORY	CUSTOMER SATISFACTION RATING
5	Personnel -	Did our personnel perform to your satisfaction?
	Equipment -	Did our equipment perform to your satisfaction?
	Job Design -	Did we perform the job to the agreed upon design?
	Product/Material -	Did our products and materials perform as you expected?
	Health & Safety -	Did we perform in a safe and careful manner (Pre/post mtgs, PPE, TSMR, etc..)?
	Environmental -	Did we perform in an environmentally sound manner (spills, leaks, cleanup, etc..)?
	Timeliness -	Was job performed as scheduled (On time to site, accessible to customers, completed when expected)?
✓	Condition/Appearance -	Did the equipment condition and appearance meet your expectations?
	Communication -	How well did our personnel communicate during mobilization, rig up and job execution?

Please Circle:			Please Circle:		
Yes	No	Did an accident or injury occur?	Yes	No	Was a pre-job safety meeting held?
Yes	No	Did an injury requiring medical treatment occur?	Yes	No	Was a job safety analysis completed?
Yes	No	Did a first-aid injury occur?	Yes	No	Were emergency services discussed
Yes	No	Did a vehicle accident occur?	Yes	No	Did environmental incident occur?
Yes	No	Was a post-job safety meeting held?	Yes	No	Did any near misses occur?

Additional Comments:

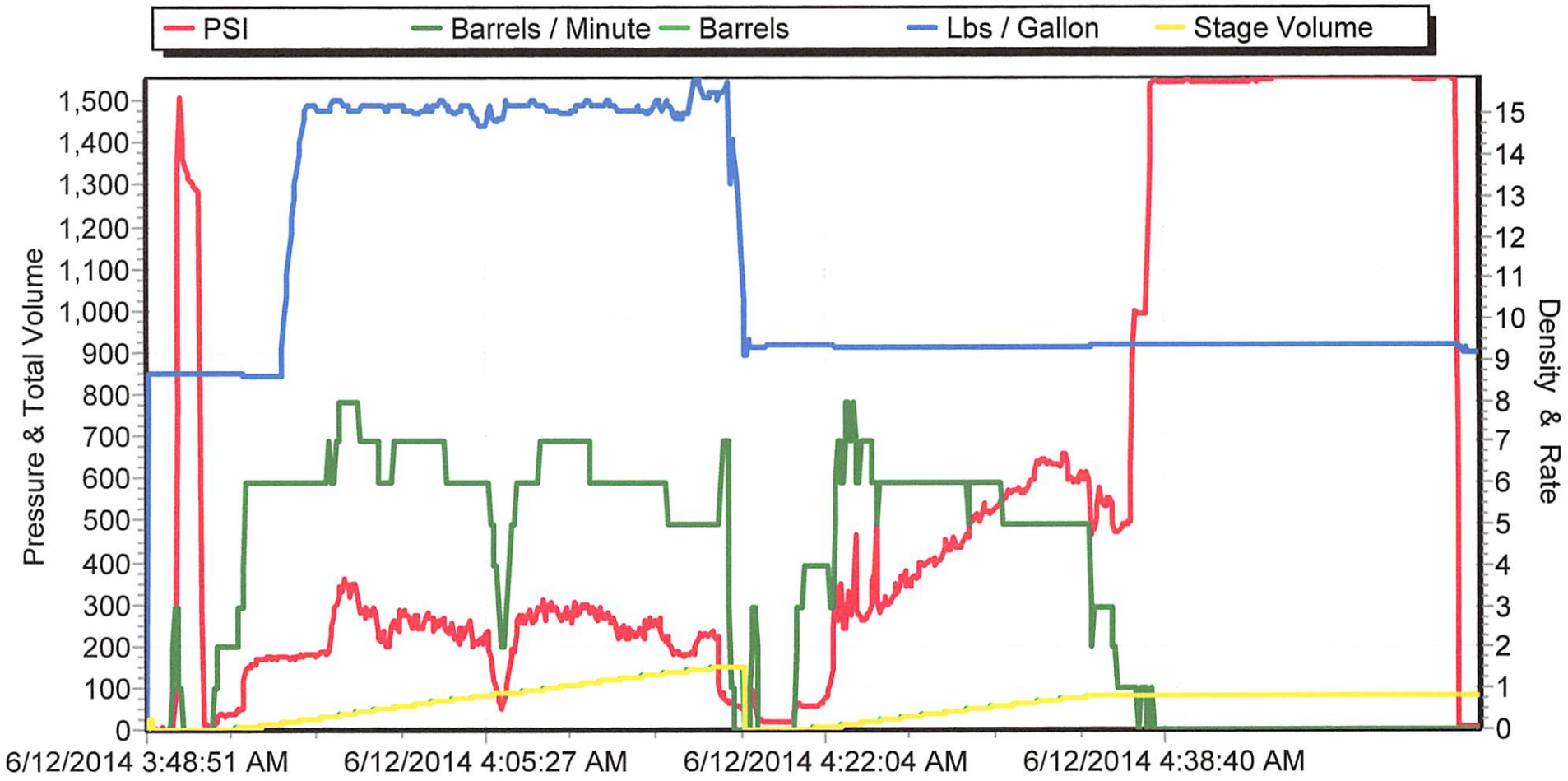
THE INFORMATION HEREIN IS CORRECT -

X _____
Customer Representative's Signature

DATE: 6-12-2014

Any additional Customer Comments or HSE concerns should be described on the back of this form

M/D TOTCO 2000 SERIES



BISON

BISON OILWELL CEMENTING JOB SAFETY ANALYSIS WORKSHEET

ASK: SURFACE CASING CEMENTING	CEMENTER/SUPERVISOR: Calvin Reimers	PAGE 1	OF 3
NAME: Mumby State 4G-36H-P266	RIG # H&P 522	LOCATION: WCR 37+14	DATE: 6-11-14
ATOR: Encana	CONSULTANT: Roy		INVOICE #25009

EQUIRED: ☒ Hard Hat ☒ Safety Glasses ☒ Steel Toe Boots ☒ Impact Gloves ☒ FR Coveralls ☐ Reflective Vest

ADDITIONAL PPE (based on job specific hazards) ☐ Goggles ☐ Faceshield ☐ Chemical Resistant Gloves ☐ Chemical Resistant Clothing ☐ Air Purifying Respirator ☐ Supplied Air Respirator ☐ Personal H2S Monitor ☐ Personal Methane Monitor

JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED ACTION OR PROCEDURE	REVIEWED BY
iew JSA	Misunderstanding	Clarify job and associated hazards and safety concerns	CR
iduct pre job safety meeting	Misunderstanding	-Hold safety meeting with all personnel on location, ensure everyone pays attention to ensure they understand their role and responsibility during the job -Review treatment report with consultant and attain signature for authorization to proceed -Identify and address short service employees (SSE) who are on location	CR
ve trucks in and rig up equipment	Other traffic on location, overhead lines, pinch points, heavy lifting, slips/falls	-Coordinate with well site supervisor for directions on where and when to park the equipment -All Bison crew members walk the location prior to driving in to access specific hazards -Utilize spotters when trucks are in motion -Establish buffer zone around equipment utilizing cones and caution tape -Cementer follows up to ensure connections are secure -Lift with your legs and use teamwork when rigging up -Utilize reflective vests and wands to increase visibility at night -Deploy spill berms and buckets	CR
e cement head and hoses to rig floor	Overhead work, improper hookup/load not properly secured, poor communication between ground personnel and crane/tugger operator	-Inspect slings, chains and hooks prior to lift -Ensure line of sight with crane/tugger operator is maintained throughout the lift and hand signals are understood -Ensure no personnel are under suspended equipment -Utilize a tag line to control the load	CR
inect Cement head/swage/pin, chicksens and es.	Working in a congested area, pinch points, swinging hammers, slippery rig floor	-Only Bison personnel install the cement head and hoses -Maintain line of sight and communication with crane/tugger operator -Remove non-essential personnel from rig floor, wait until other activity is done -Rig crew does not install chains until head and hoses are installed -Ensure a clear path when swinging a hammer -Ensure all fittings and hoses have proper pressure rating for the job and fall within the parameters of the *Bison Oilwell Iron Inspection Program*	CR
ssure test lines — Test to: PSI- 1000; Maximum pressure allowed for job: PSI- 2500	Equipment failing under high pressures	-Ensure rig floor is clear and personnel are away from hoses prior to test -Establish buffer area around high pressure hoses -Lines are checked from a distance and using pressure gauges -Cementer ensures pressure gauges are functioning properly Pressure relief valve set to: PSI- 2500 Max. pump pressure: PSI- 10,000	CR
np Spacer (dye marker)/Mix and Pump ient	Serious injury from high pressure line failure or catastrophic equipment failure. Casing hydraulicing from hole, causing injury. Burns or skin irritation from splashing cement , uncontrolled spills	-Pressure test prior to job, utilize heavy duty hose hobbles and pressure relief valve -Keep rig floor and buffer area clear while pumping -Utilize proper PPE -Have access to water to rinse affected skin -Deploy spill berms and buckets	CR

BISON

BISON OILWELL CEMENTING JOB SAFETY ANALYSIS WORKSHEET

p plug		Slips, trips, falls. Miscommunication between pump operator and cementer, pressure against a closed stop	-Utilize 3 points of contact while descending/climbing ladder and stairs -Have visual contact between cementer and pump operator before pump is engaged	CR
ɔlacement		Unexpected pressure associated with resuming of pumping, casing hydraulicing from hole, serious injury from high pressure line failure or catastrophic equipment failure.	-Ensure rig floor remains clear and non-essential personnel stay clear from buffer area -Pump operator monitors pump pressure constantly -Utilize proper PPE	CR
ımp plug-Test float and release pressure		Pressure jumps before expected (calculated) displacement. Pressure jumps rapidly and higher than expected.	-Pump operator slows rate to 2 BPM when 5 bbls from calculated displacement and down to 1 bpm within 2 bbls of calculated displacement -Pump operator monitors pressure constantly -Pressure relief valve installed on pump	CR
ɜssure test casing required)	Test to: PSI- 1500 FOR: MIN- 15	Serious injury from high pressure line or catastrophic equipment failure	-Ensure rig floor remains clear and non-essential personnel stay clear from the buffer area	CR
ash up / rig down		Splashing cement slurry, heavy lifting, pinch points, unsecured hoses	-Utilize stakes or portable tank manifold to secure hoses -Use proper lifting technique (2 man lift, lift with legs, plan your route)	CR
part location		Other traffic and personnel and location, overhead lines	-All Bison crew member walk the planned exit route to access possible obstacles and hazards -Utilize spotters while backing	CR
ɜneral Precautions/Stop Work - If you see a leaking connection, notify the cementer. Do not attempt to hammer up a leaking connection as there may be pressure on the lines. -Any person on location, regardless of their position or experience level has the authority and responsibility to stop the job if they witness an unsafe act or condition.				CR
THER HAZARDS SPECIFIC TO LOCATION OR ONMENT NOT ADDRESSED ABOVE:				

NATED EMERGENCY MUSTER AREA: Lease Road to Rig COUNT-- 12	NEAREST EMERGENCY MEDICAL FACILITY (OTHER THAN 911): Greeley

BISON

BISON OILWELL CEMENTING JOB SAFETY ANALYSIS WORKSHEET

Signature and Company	
Caleb D. — BISON	
Lee Sharp "	
Jary — Bison	
Thomas — Bison.	
Eric P. Lewis Bison	
— Bison	
Scott Secord Bison	
HtP	
HtP	
HtP	
HtP	
Ron — Encana	