

HALLIBURTON

iCem[®] Service

Post Job Report

GREAT WESTERN OIL & GAS LLC

For:

Date: Saturday, September 06, 2014

GREAT WESTERN SCHMUNK -EF- 31-368 HC

Case 1

Sincerely,

Field Ticket Number: 0901631828	Field Ticket Date: Saturday, September 06, 2014	Planning Order #: NA
Bill To: GREAT WESTERN OIL & GAS LLC - eBUS, DONOTMAIL-1801 BROADWAY STE 500, DENVER, CO, 80202	Job Name: 9 5/8 Surface Order Type: ZOH Well Name: SCHMUNK -EF- 31-368 HC Company Code: 1100 Customer PO No.: W10555 Shipping Point: FORT LUPTON Shipping Point Sales Office: ROCKY MOUNTAINS BD Well Type: HORIZONTAL OIL Well Category: Development Rig Name/#: Craig 7	
Ship To: SCHMUNK -EF- 31-368 HC,WELD, EATON, CO, 80615		

Material	Description	QTY	UOM	Unit Amount	Gross Amount	Discount	Net Amount
7521	CMT SURFACE CASING BOM	1	JOB	0.00	0.00		0.00
	Cementing Services & Equipment						
432904	CMT, ROCKIES SG SETUP	1	EA	0.00	8,304.00	4803.52	3,500.48
432905	CMT, ROCKIES SG MILEAGE	80	MI	0.00	0.00		0.00
432906	CMT, ROCKIES SG DELIVERY	21.43	TNM	0.00	0.00		0.00
	Cementing Materials						
452990	CMT, SwiftCem (TM) system	430	SK	0.00	25,358.69	17243.91	8,114.78
2	MILEAGE FOR CEMENTING CREW	80	MI	5.76	460.80	313.34	147.46
	Number of Units	1					
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	80	MI	9.79	783.20	532.58	250.62
	Number of Units	1					
76400	MILEAGE,CMT MTLs DEL/RET MIN	40	MI	3.35	2,872.29	1953.16	919.13
	NUMBER OF TONS	21.435					
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI	476	CF	5.49	2,613.24	1777.00	836.24
	Unit of Measurement	EA					
	NUMBER OF EACH	1					
16091	ZI - PUMPING CHARGE	1	EA	5,290.00	5,290.00	3597.20	1,692.80
	FEET/METERS (FT/M)	FT					
	DEPTH	1055					
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	80	MI	0.23	18.40		18.40
	Number of Units	1					
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	80	MI	0.68	54.40		54.40
	Number of Units	1					
87605	FUEL SURCHG-CMT & CMT ADDITIVES	40	MI	0.23	197.20		197.20
	NUMBER OF TONS	21.435					
	RED DYE						
45	SPEC EQUIP CHRg, NO PRICE ESTABLISHED ZI	2	EA	160.00	320.00		320.00
528788	SBM, CMT- MUD FLUSH III	10	BBL	94.45	944.50	642.26	302.24
Totals USD					\$ 47,216.72	\$ 30,862.97	\$ 16,353.75

Field Ticket Signature

Field Ticket Number: 0901631828		Field Ticket Date: Saturday, September 06, 2014		Planning Order #: NA	
Bill To: GREAT WESTERN OIL & GAS LLC - eBUS, DONOTMAIL-1801 BROADWAY STE 500, DENVER, CO, 80202		Job Name: 9 5/8 Surface			
		Order Type: ZOH			
		Well Name: SCHMUNK -EF- 31-368 HC			
		Company Code: 1100			
		Customer PO No.: W10555			
		Shipping Point: FORT LUPTON Shipping Point			
		Sales Office: ROCKY MOUNTAINS BD			
		Well Type: HORIZONTAL OIL			
		Well Category: Development			
		Rig Name/#: Craig 7			
Ship To: SCHMUNK -EF- 31-368 HC,WELD, EATON, CO, 80615					

THIS OUTPUT DOES NOT INCLUDE TAXES. APPLICABLE SALES TAX WILL BE BILLED ON THE FINAL INVOICE. CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE, ON ANY PRECEDING PAGES, AND ATTACHED DOCUMENTS.

Gross Amount Total:	\$ 47,216.72
Item Discount Total:	\$ 30,862.97
Net Amount Total:	\$ 16,353.75 USD

Customer Representative Signature:

Date:

Shannon Davis

Brad Hinkle

Customer Representative

Halliburton Representative

Was our HSE performance satisfactory? (Health, Safety, Environment)

Were you satisfied with our equipment?

Were you satisfied with our people?

☐ Yes ☐ No

☐ Yes ☐ No

☐ Yes ☐ No

Comments:



The Road to Excellence Starts with Safety

Sold To #: 346459	Ship To #: 3353923	Quote #:	Sales Order #: 0901631828
Customer: GREAT WESTERN OIL & GAS LLC - eBUS		Customer Rep: Shannon Davis	
Well Name: SCHMUNK -EF-	Well #: 31-368 HC	API/UWI #: 05-123-38935-00	
Field: WATTENBERG	City (SAP): EATON	County/Parish: WELD	State: COLORADO
Legal Description: NW NE-31-7N-65W-529FNL-2004FEL			
Contractor:		Rig/Platform Name/Num: Craig 7	
Job BOM: 7521			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\H117930		Srv Supervisor: Brad Hinkle	
Job			

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	1055ft Job Depth TVD
Water Depth	Wk Ht Above Floor
Perforation Depth (MD)	From To

Well Data

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing	0	9.625	8.921	36	LTC	J-55	0	1055	0	0
Open Hole Section			13.5				0	1071	0	0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	9.625	1		1055	Top Plug	9.625	1	HES
Float Shoe	9.625	1			Bottom Plug	9.625	1	HES
Float Collar	9.625	1			SSR plug set	9.625	1	HES
Insert Float	9.625	1			Plug Container	9.625	1	HES
Stage Tool	9.625	1			Centralizers	9.625	1	HES

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Fresh Water Spacer	Mud Flush III	10	bbl	8.4			6	

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	SwiftCem B2	SWIFTCM (TM) SYSTEM	430	sack	14.2	1.54		6	7.64

7.64 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Displacement	FRESH WATER	78	bbl	8.33			6	
Cement Left In Pipe		Amount	42 ft		Reason		Shoe Joint		
Comment 18 BBLS CEMENT TO SURFACE. 10 BBLS RED DYE WATER PUMPED AFTER MUD FLUSH.									

Summary Report



Crew: _____

Job Start Date: 9/6/2014Sales Order #: 0901631828
WO #: 0901631828
PO/AFE #: W10555

Customer: GREAT WESTERN OIL & GAS LLC Field:

- eBUS

WATTENBERG

UWI / API Number: 05-123-38935-00

County/Parish: WELD

Well Name: SCHMUNK -EF-

State: COLORADO

Well No: 31-368 HC

Latitude: 40.537467

Longitude: -104.703917

Sect / Twn / Rng: 31/7/65

Job Type: CMT SURFACE
CASING BOM
Service Supervisor: Brad Hinkle

Cust Rep Name: Shannon Davis

Cust Rep Phone #:

Remarks:*The Information Stated Herein Is Correct*

Customer Representative Signature

Date

Customer Representative Printed Name

HALLIBURTON

GREAT WESTERN OIL & GAS LLC
 GREAT WESTERN SCHMUNK -EF- 31-368 HC
 Case 1

1.6 Job Event Log

Event	Seq. No.	Activity	Graph Label	Date	Time	Source	Pass-Side Pump Pressure (psi)	Downhole Density (ppg)	Combined Pump Rate (bbl/min)	Comment
Event 1		Arrive at Location from Service Center	Arrive at Location from Service Center	9/5/2014	22:00:00	USER				ARRIVE AT LOCATION AND PERFORM SITE ASSESSMENT AND PRE RIG UP SAFETY MEETING.
Event 2		Safety Meeting	Safety Meeting	9/6/2014	00:34:12	USER	5.00	8.26	0.00	SAFETY MEETING WITH ALL PERSONNEL ON LOCATION.
Event 3		Start Job	Start Job	9/6/2014	01:09:48	COM9	3.00	8.30	0.00	PERFORM SAFETY MEETING WITH ALL PERSONNEL ON LOCATION.
Event 4		Safety Meeting	Safety Meeting	9/6/2014	01:16:14	USER	5.00	8.35	0.00	PRESSURE TEST LINES TO 2500 PSI.
Event 5		Test Lines	Test Lines	9/6/2014	01:27:04	COM9	2708.00	8.39	0.00	PUMP 10 BBLs MUD FLUSH MIXED WITH WATER SUPPLIED BY RIG.
Event 6		Pump Spacer 1	Pump Spacer 1	9/6/2014	01:29:00	COM9	7.00	8.20	0.00	PUMP 10 BBLs RED DYE MIXED WITH WATER SUPPLIED BY RIG.
Event 7		Pump Spacer 2	Pump Spacer 2	9/6/2014	01:33:46	COM9	33.00	8.28	2.40	PUMP 118 BBLs (430 SACKS) SWIFTCEM MIXED AT 14.2 PPG USING WATER SUPPLIED BY RIG. DENSITY VERIFIED BY SCALES. ADC INCONSISTENT SO SWITCHED TO HAND MIX.
Event 8		Pump Cement	Pump Cement	9/6/2014	01:44:28	COM9	7.00	8.31	0.90	TOP PLUG PRELOADED.
Event 9		Shutdown	Shutdown	9/6/2014	02:21:29	USER	13.00	14.70	1.50	PUMP 78 BBLs FRESH WATER. GOOD RETURNS THROUGHOUT. CEMENT TO SURFACE AT 60 BBLs AWAY. 18 BBLs OF CEMENT TO SURFACE.
Event 10		Drop Top Plug	Drop Top Plug	9/6/2014	02:22:36	USER	2.00	14.42	0.00	
Event 11		Pump Displacement	Pump Displacement	9/6/2014	02:23:16	COM9	2.00	14.34	0.00	

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Event	12	Bump Plug	Bump Plug	9/6/2014	02:49:48	COM9	965.00	8.48	0.00	BUMP PLUG AT 425 PSI AND BROUGHT PRESSURE TO 950 PSI. HELD FOR 2 MINUTES.
Event	13	Check Floats	Check Floats	9/6/2014	02:52:18	USER	64.00	8.49	0.00	FLOATS HELD. HALF BBL BACK.
Event	14	Test Lines	Test Lines	9/6/2014	02:55:08	COM9	2493.00	8.51	0.00	CASING PRESSURE TEST TO 2400 PSI FOR 5 MINUTES. FLOATS HELD. HALF BBL BACK.
Event	15	Check Floats	Check Floats	9/6/2014	03:14:57	USER	2515.00	8.62	0.00	
Event	16	End Job	End Job	9/6/2014	03:19:58	COM9	7.00	8.48	0.00	
Event	17	Safety Meeting - Pre Rig-Down	Safety Meeting - Pre Rig- Down	9/6/2014	03:22:54	USER	8.00	8.50	0.00	RIG DOWN SAFETY MEETING WITH HES.

2.0 Attachments

2.1 GREAT WESTERN SCHMUNK -EF- 31-368 HC.png

