

The Road to Excellence Starts with Safety

Sold To #: 338668	Ship To #: 2940402	Quote #:	Sales Order #: 9689453
Customer: CHEVRON - MID-CONTINENT EBIZ	Customer Rep:		
Well Name: Union Pacific	Well #: 73X29	API/UWI #:	
Field:	City (SAP): RANGELY	County/Parish: Rio Blanco	State: Colorado
Contractor: WORK OVER	Rig/Platform Name/Num: WORK OVER		
Job Purpose: Squeeze Perfs			
Well Type: Producing Well	Job Type: Squeeze Perfs		
Sales Person: LEHAR, JARED	Srv Supervisor: CARPENTER, LANCE	MBU ID Emp #: 461737	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARPENTER, LANCE S	9	461737	GOODRICH, BENJAMIN Franklin	9	481342	SMITH, KC Hyrum	9	462378

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	25 - Jul - 2012	06:30	MST
Job depth MD	2605. ft		Job Depth TVD	Job Started	25 - Jul - 2012	07:35	MST
Water Depth			Wk Ht Above Floor	Job Completed	25 - Jul - 2012	14:45	MST
Perforation Depth (MD)	From	2,379.00 ft	To	2,444.00 ft	Departed Loc	25 - Jul - 2012	16:00

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production Casing	Unknown		7.	6.366	23.		J-55		3000.		
Tubing	Unknown		2.875	2.441	6.4		J-55		2800.		
Perforation Interval								2379.	2765.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SUGAR - GRANULATED	40	LB		
CALCIUM CHLORIDE, PELLET	1	SK		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Ahead		10.00	bbl	8.34	.0	.0	2.0	
2	SqueezeCem V2	SQUEEZECM (TM) SYSTEM (452971)	100.0	sacks	15.8	1.15	4.99	2.0	4.99
4.989 Gal		FRESH WATER							
3	Water Behind		13.00	bbl	8.34	.0	.0	2.0	
Calculated Values		Pressures		Volumes					
Displacement	12.9	Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement	2140	5 Min		Cement Returns	1	Actual Displacement	12.9	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating	4	Mixing	2.5	Displacement	2.5	Avg. Job	3		
Cement Left In Pipe	Amount	500 ft	Reason	CEMENT PLUG					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

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Field:	City (SAP): RANGELY	County/Parish: Rio Blanco	State: Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.	Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.		
Contractor: WORK OVER	Rig/Platform Name/Num: WORK OVER		
Job Purpose: Squeeze Perfs	Ticket Amount:		
Well Type: Producing Well	Job Type: Squeeze Perfs		
Sales Person: LEHAR, JARED	Srv Supervisor: CARPENTER, LANCE	MBU ID Emp #: 461737	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	07/25/2012 04:00							CREW CALLED OUT
Depart from Service Center or Other Site	07/25/2012 05:15							CREW DEPARTS FOR LOCATION
Arrive At Loc	07/25/2012 06:30							CREW ARRIVES AT LOCATION
Assessment Of Location Safety Meeting	07/25/2012 06:40							CREW ASSESSES LOCATION FOR HAZARDS AND EQUIPMENT LAYOUT
Pre-Rig Up Safety Meeting	07/25/2012 06:45							CREW HAS PRE RIG UP SAFETY MEETING
Rig-Up Equipment	07/25/2012 06:50							CREW BEGINS RIGGING UP EQUIPMENT AND LINES
Rig-Up Completed	07/25/2012 07:15							CREW IS RIGGED UP
Pre-Job Safety Meeting	07/25/2012 07:20							CREW, WATER HAULERS, RIG CREW AND COMPANY REP HAVE PRE JOB SAFETY MEETING
Pressure Test	07/25/2012 07:35							PRESSURE TEST LINES TO 5600 PSI
Pump Water	07/25/2012 07:38		2	15	15		40.0	PUMP WATER AHEAD
Pump Cement	07/25/2012 07:48		2.5	10.5	25		85.0	PUMP 50 SKS SQUEEZECM 15.8# 1.15 YIELD 4.99 GAL
Pump Displacement	07/25/2012 07:56		2.5	12.9	38		45.0	PUMP WATER DISPLACEMENT
Comment	07/25/2012 08:10							RIG CREW PULLS TUBING TO 2000'

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Reverse Circ Well	07/25/2012 08:25		4	25	25		250.0	REVERS CIRCULATE WELL. SEEN TRACES OF CEMENT
Comment	07/25/2012 08:45							ONLY HAD 50 SKS SQUEEZECM. CALLED FOR MORE CEMENT AND WAIT TO TAG PLUG
Comment	07/25/2012 13:00							CEMENT SAMPLE NOT READY YET. WAIT UNTIL 14:00
Pre-Job Safety Meeting	07/25/2012 14:00							TAG PLUG AT 2401'. ALL PERSONEL ON LOCATION HAVE PRE JOB SAFETY MEETING
Pump Water	07/25/2012 14:11		2.5	15	15		35.0	PUMP WATER AHEAD
Pump Cement	07/25/2012 14:15		2.5	10.5	25		65.0	PUMP 50 SKS SQUEEZECM 15.8# 1.15 YIELD 4.99 GAL
Pump Displacement	07/25/2012 14:19		2.5	12.3	37		45.0	PUMP WATER DISPLACEMENT
Comment	07/25/2012 14:25							RIG CREW PULLS TUBING TO 2000'
Reverse Circ Well	07/25/2012 14:35		4	25	25		200.0	REVERSE CIRCULATE WELL. SEEN 1 BBL CEMENT.
Post-Job Safety Meeting (Pre Rig-Down)	07/25/2012 14:50							CREW HAS PRE RIG DOWN SAFETY MEETING
Rig-Down Equipment	07/25/2012 15:00							CREW BEGINS RIGGING DOWN EQUIPMENT
Pre-Convoy Safety Meeting	07/25/2012 15:00							CREW HAS JOURNEY MANAGEMENT SAFETY MEETING
Rig-Down Completed	07/25/2012 15:50							CREW IS RIGGED DOWN
Pre-Convoy Safety Meeting	07/25/2012 15:55							CREW HAS JOURNEY MANAGEMENT SAFETY MEETING
Depart Location for Service Center or Other Site	07/25/2012 16:00							CREW DEPARTS FROM LOCATION

Field Ticket

Field Ticket Number:	9689453	Field Ticket Date:	Wednesday, July 25, 2012
Bill To: 		Job Name: Cement Squeeze Order Type: Streamline Order (ZOH) Well Name: Union Pacific 73X29 Company Code: 1100 Customer PO No.: NA Shipping Point: Vernal, UT, USA Sales Office: Rocky Mountains BD Well Type: Gas Well Category: Development	
Ship To: CHEVRON UPRR(REENTRY)73X29,RIO BLAN UPRR(REENTRY)73X29 2940402 SECTION 29-T2N-R102W RANGELY, CO 81648			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
7526	CMT SQUEEZE PERFORATIONS BOM	1	JOB	0.00	0.00	0.00		0.00
2	MILEAGE FOR CEMENTING CREW,ZI	120	MI	0.00	5.76	691.20	50%	345.60
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	120	MI	0.00	9.79	1,174.80	50%	587.40
	Number of Units	1						
16097	SQUEEZE PUMPING CHARGE,ZI	1	EA	0.00	6,626.00	6,626.00	50%	3,313.00
	DEPTH	2605						
	FEET/METERS (FT/M)		FT					
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB	0.00	2,275.00	2,275.00	50%	1,137.50
	NUMBER OF UNITS	1						
114	R/A DENSOMETER W/CHART RECORDER,/JOB,Z	1	JOB	0.00	1,285.00	1,285.00	50%	642.50
	NUMBER OF UNITS	1						
130104	PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA	0.00	2,549.00	2,549.00	50%	1,274.50
	DAYS OR PARTIAL DAY(WHOLE NO.)	1						
16092	ADDITIONAL HOURS (PUMPING EQUIPMENT), ZI	1	EA	0.00	1,071.00	5,355.00		5,355.00
	HOURS	5						
452971	SQUEEZECM (TM) SYSTEM	100	SK			4,426.00	50.0%	2,213.00
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN	60	MI	0.00	3.35	804.00	50%	402.00
	NUMBER OF TONS	4						
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI	100	CF	0.00	5.49	549.00	50%	274.50
	NUMBER OF EACH	1						
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	120	MI	0.00	0.24	28.80		28.80

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Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
	Number of Units	1						
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	120	MI	0.00	0.72	86.40		86.40
	Number of Units	1						
372867	Cmt PSL - DOT Vehicle Charge, CMT	1	EA	0.00	241.00	241.00		241.00
7	ENVIRONMENTAL CHARGE,/JOB,ZI	1	JOB	0.00	134.00	134.00		134.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	0.00	83.00	83.00		83.00
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	60	MI	0.00	0.24	65.66		65.66
	NUMBER OF TONS	4.56						
101507884	SUGAR - GRANULATED	40	LB	0.00	6.44	257.60	50%	128.80
Halliburton Rep: LANCE CARPENTER				Totals	USD	26,631.46	10,318.80	16,312.66

Customer Agent:
Halliburton Approval