

HALLIBURTON

iCem® Service

CONOCO/PHILLIPS COMPANY EBUSINESS

United States of America, COLORADO

For: Mike

Date: Sunday, July 16, 2017

Rush 4-65 29-30 3AH

ARAPAHOE, Rush 4-65 29-30 3AH

Surface

Job Date: Sunday, July 16, 2017

Sincerely,

Luke Kosakewich and Crew

Legal Notice

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1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comb Pump Rate (bbl/min)	DS Pump Press (psi)	Pump Stg Tot (bbl)	DH Density (ppg)	Comments
Event	1	Call Out	Call Out	7/15/2017	16:30:00	USER					Crew was called out at 16:30 for an on location time of 22:30
Event	2	Safety Meeting - Departing Location	Safety Meeting - Departing Location	7/16/2017	20:45:00	USER					Held a pre journey safety meeting and JSA.
Event	3	Depart from Service Center or Other Site	Depart from Service Center or Other Site	7/16/2017	21:00:00	USER					Started journey management with dispatch and the crew left the yard.
Event	4	Arrive at Location from Service Center	Arrive at Location from Service Center	7/16/2017	22:30:00	USER					Performed a hazard hunt and site assessment. Checked in with the customer and discussed numbers needed to calculate the job and rig up. Rig was running casing. Well depth: 2,303'. Surface Casing: 9.625" 36# set at 2,292'. Float Collar: 2,244'. OH: 12.25" Mud#: 9.2 ppg. Water test, Temp: 63 Degrees F, PH: 6.5 Chlorides: 0 ppm.
Event	5	Safety Meeting - Pre Rig-Up	Safety Meeting - Pre Rig-Up	7/16/2017	23:00:00	USER					Held pre rig up safety meeting and JSA.
Event	6	Rig-Up Equipment	Rig-Up Equipment	7/16/2017	23:15:00	USER					Spotted trucks in and rigged up all iron and hoses for the job.
Event	7	Safety Meeting	Safety Meeting	7/16/2017	06:00:00	USER	0.00	25.00	34.50	8.46	Held pre job safety meeting and JSA with all personnel on location.

Event	8	Start Job	Start Job	7/16/2017	06:36:23	COM4						Pumped 3 bbls. of fresh water to fill lines.
Event	9	Test Lines	Test Lines	7/16/2017	06:49:06	COM4	0.00	13.00	4.40	8.67		Pressure tested lines to 3,000 psi. with a 500 psi. electronic kick out test.
Event	10	Pump Spacer 1	Pump Spacer 1	7/16/2017	07:05:30	COM4						Pumped 49 bbls. of Tuned Spacer III mixed at 10 ppg. Density was verified by pressurized scales.
Event	11	Shutdown	Shutdown	7/16/2017	07:17:41	COM4	0.00	17.00	46.80	9.79		
Event	12	Drop Bottom Plug	Drop Bottom Plug	7/16/2017	07:24:29	COM4	0.00	9.00	46.80	9.87		Released bottom plug witnessed by customer and verified by tattle tale on plug container.
Event	13	Pump Spacer 1	Pump Spacer 1	7/16/2017	07:28:24	COM4						Pumped 1 bbl of Tuned Spacer III mixed at 10 ppg. Density was verified by pressurized scales.
Event	14	Pump Lead Cement	Pump Lead Cement	7/16/2017	07:32:24	COM4						Pumped 169 bbls. (370 sks) of Swiftcem mixed at 12 ppg. Density was verified by pressurized scales.
Event	15	Pump Tail Cement	Pump Tail Cement	7/16/2017	07:59:22	COM4						Pumped 47 bbls. (165 sks) of Swiftcem mixed at 14.2 ppg. Density was verified by pressurized scales.
Event	16	Shutdown	Shutdown	7/16/2017	08:06:52	COM4	0.00	27.00	44.60	14.57		Shutdown to wash pump and drop top plug.
Event	17	Drop Top Plug	Drop Top Plug	7/16/2017	08:09:25	COM4	0.00	15.00	44.60	14.48		Released bottom plug witnessed by customer and verified by tattle tale on plug container.

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Customer: CONOCO/PHILLIPS COMPANY EBUSINESS

Job: Surface
Case: Surface

Event 18	Pump Displacement	Pump Displacement	7/16/2017	08:12:14	COM4						Pumped 175bbls. of fresh water for displacement. Did not bump the plug. Final circulating pressure was 650 psi. at 2 bpm. Got 60 bbls. of cement to surface. Estimated top of tail is at 1,700' based on cement back to surface.
Event 19	Shutdown	Shutdown	7/16/2017	08:48:02	USER	0.00	558.00	180.30	7.87		Shutdown to not over displace. Held pressure for five minutes.
Event 20	Check Floats	Check Floats	7/16/2017	08:52:17	USER	0.00	505.00	180.30	7.87		Bled off pressure to check floats and floats held.
Event 21	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	7/16/2017	09:00:00	USER						Held pre rig down safety meeting and JSA.
Event 22	Rig-Down Equipment	Rig-Down Equipment	7/16/2017	09:15:00	USER						Rigged down all iron, hoses and equipment.
Event 23	Depart Location Safety Meeting	Depart Location Safety Meeting	7/16/2017	11:30:00	USER						Held pre journey safety meeting and JSA.
Event 24	Depart Location for Service Center or Other Site	Depart Location for Service Center or Other Site	7/16/2017	11:45:00	USER						Started journey management with dispatch and the crew left location.

2.0 Attachments

2.1 Surface-Custom Results.png







**200 Bishop Rd.
Rozet, WY 82727
1straightlinefencing@gmail.com**

Invoice

Date	Invoice #
7/15/2017	940

Bill To		
Conoco Phillips Company PO Box 2200 Bartlesville, OK 74005 Vendor # 376151		

P.O. No.	Terms	Project
B & D Land 4-64	Net 30	

Quantity	Description	Rate	Amount
5.75	Lead Man	40.00	230.00
5.75	Labor	35.00	201.25
6.5	Skidloader	40.00	260.00
1	Day On The Mini Excavator	440.00	440.00
16.5	Travel	130.00	2,145.00
	Cleaned Up Liner , Hauled Contaminated Soil To Rig , Spread Gravel Around Well , Filled In Ruts ,	0.00	0.00
<div> <p>Well Name / Rig: B&D Land 4-64 4-5 4BH / H&P 448 Network #: 10398703 Activity Code: <u>T110</u> Plant: HZN4 User ID: <u>SLACKEY</u> Signature:   Date: 7/16/17 Print Signature</p> <p>ConocoPhillips</p> </div>			
Total			\$3,276.25