

JOB LOG

Magna Energy Services
20661 Niobrara Blvd.
LaSalle, Colorado 80645

Operator: PDC Energy

Well: Richter #43-27

Legal: NESE 27 T7N R64W

Location: Weld County Colorado

API: 05-123-23093

Date: February 19, 2016

2/17/2016: MIRU P&A Equipment, check pressure, 0/0psiND wellhead, NU BOP's. MIRU Magna wireline, RIH w/sq gun, perforate at 800', POOH RDMO wireline. Establish circulation w/50 bbls water down 4.5" casing through perforations up annulus. Condition hole w/90 bbl water. Mixed and pumped 150 sxs of 15.8# CGC and lost circulation, pumped another 250 sxs of 15.8# CGC never getting circulation. Displaced with 11.96 bbl water. SWI

2-18/2016: Check well pressures 0/0psi, MIRU Magna wireline, RIH w/CBL, log from 736' to surface, call for orders, waited on state. RIH w/sq gun, 3.125" 4SPF 1' load 90 deg. Perf at 600', RD WL. Establish circulation w/10 bbl water, condition hole w/90 bbl water, down 4.5 CSG through 600' perforations up annulus. PU 23 joints tubing @ 734', establish circulation, mixed and pumped 55 sxs of 15.8# CGC to surface, LD tubing, SWI, mixed and pumped 125 sxs of 15.8# CGC down 4.5 casing through 600' perforations up annulus to surface, SWI(180 sxs total)

2/19/2016: Tag TOC in casing @ 4'. ND BOP's, RD P&A equipment. Dug well 8' below ground level and cut off wellhead, Cement in annulus to surface. Welded oncap, backfilled and cleaned location.

P&A complete

*****All cement used is class "G" neat, 15.8ppg, 1.15 yield *****

Wireline Contractor: Magna Wireline of Gillette, WY

Cement Contractor: Magna Energy Services of LaSalle, CO

Field Supervision: Scott Marez/Jose Mario Navarro

Company Representative: Tom Lefor

State or BLM Representative: Jeff Rickard

Company Name: PDC Energy Inc.
 AFE or Project #: 05-123-23093-00
 API #: RICHTER 43-27
 Well Name/Number: NESE Sec 27 T7N R64W
 Section/Township/Range
 Rig #: 6
 Tool Pusher: Scott Marez
 Operator: Cody Scott
 Rig Hand: Jesus Caudillo
 Rig Hand: Edgar Parra
 Rig Hand: Jose Ramirez

Company Man: Tom Lefor
 Company Man Cell: 970-301-8295

Today's Date: 2/17/2016
 Days on Well:



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		11.5	12.5	
1		11.5	12.5	
	1	11.5	12.5	
	1	11.5	12.5	
	1	11.5	12.5	

Task Times:		Job Steps "In Scope"	Task Times:	Job Steps "Out of Bid Scope"
5:30 am	6 am	Crew Travel.		
6 am	7 am	Safety Meeting, Start Equipment.		
7 am		MIRU P&A Equipment, check Pressure, 0/0 psi.		
		MIRU Magna WL, RIH w/SQ gun, 3.125" 4SPF 1' load 90 deg,		
		perforate @ 800', POOH, RDMO WL.		
		Caught circulation w/50 BBL's water down 4.5" CSG thru 800'		
		perforations up annulus, condition hole w/90 BBL's water,		
		mix & pump 150 SXS of 15.8 # CGC and lost circulation, pump		
		another 250 SXS of 15.8 # CGC never getting circulation,		
		displace w/11.96 BBL's water, SWI, drain up equipment, PU &		
	5:30 pm	secure location.		
	6 pm	Crew Travel.		
Comments:			Comments:	

P&A Mangers Signature:

VP Operations Signature:



MAGNA ENERGY SERVICES, LLC

WIRELINE

P.O. BOX 2155
GILLETTE, WY, 82717
RYAN LUDWAR (307) 680-8124

Company Name: MES / PDC		Company Address:		Field Ticket Number: 30001451 In Bid	
Well Name and Number: RICHTER #43-27		Date: 2/17/2016	Wireline Unit # 222	Rig Name & Number: MAGNA # 6	
County: WELD	State: COLORADO	Field: WATTENBERG	Engineer: J. JOHNSON	Operator: J. BLOCKBERGER	Operator: D. SHEAHAN

RUN	RUN DATA				QTY	CODE	DATE	DESCRIPTIONS	UNIT PRICE	AMOUNT
	Job Time:	11:30	Shop Time:	7:00	1	1000-001		Set Up Charge Cased Hole Unit		
	Leave Shop:	10:45	Arrive At Loc:	11:20						
	Begin Rig Up:	11:30	Finish Rig up:	11:45						
	Time In:	11:55	Time Out:	12:05						
1	From:	0	To:	800'	6000	6200-000		Hollow Carrier Depth Charge (Expendable)		
	Service:	Perf 4spt 90 deg 3.125" @ 800'			40	6400-000		Scalloped Gun Carriers, per shot		
	Time In:		Time Out:							
2	From:	0	To:							
	Service:									
	Time In:		Time Out:							
3	From:		To:							
	Service:									
	Time In:		Time Out:							
4	From:		To:							
	Service:									
	Time In:		Time Out:							
5	From:		To:							
	Service:									
	Time In:		Time Out:							
6	From:		To:							
	Service:									
	Time In:		Time Out:							
7	From:		To:							
	Service:									
	Time In:		Time Out:							
8	From:		To:		1	3000-001		Packoff Operation Charge 0#-1000#		
	Service:				1	2000-004		API Type 6BX 10,000 lb.WP 7-1/16"		
	Time In:		Time Out:							
9	From:		To:							
	Service:									
	Time In:		Time Out:							
10	From:		To:							
	Service:									
	Time In:		Time Out:							
11	From:		To:					SUB TOTAL		\$ -
	Service:							LESS DISCOUNT		\$ -
					QTY	CODE	DATE	NON-DISCOUNTED ITEMS	UNIT PRICE	AMOUNT
	Time In:		Time Out:							
12	From:		To:							
	Service:									
	Time In:		Time Out:							
13	From:		To:							
	Service:									
	Begin RDMO:		Finish RDMO:							
	Leave Loc.:		Arrive Shop:							
	Leave Shop:									
								SUBTOTAL		
								TAX		\$ -
								GRAND TOTAL		\$ -

Customer Signature:	Customer Name Printed:	Magna Representative Signature:
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The above estimated charges and data shown are subject to change by Magna Energy Services, LLC. Payment terms are net 30 Days.

Company Name:

A/E or Project #:

API #

Well Name/Number:

Section/Tenuring/Purpose

Range
D: 44.44

Rig #:

Pool Pusher:

Operator:

Rig Hand:

Rig Hand:

Rig Hand:

PDC Energy Inc.

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05-123-23093-00

RICHTER 43-27

CONF 600 37 T7M DC

SE SEC 2/ 1/N RB

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Marez/Mario Nae

Cody Scott

Jesus Caudillo

Edgar Parra

Jose Ramirez

Company Man:

Company Man Cell:

Tom Lefor

970-301-8295

Today's Date: 2/18/2016

Days on Well:



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1		11	12	
	1	11	12	
	1	11	12	
	1	11	12	

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
			5:30 am	6 am	Crew Travel.
			6 am	6:30 am	Safety meeting, start equipment, Check psi, 0/0
			6:30 am		MIRU Magna WL, RIH w/CBL, log from 736' to surface, call for
				11 am	orders, wait on State.
			11 am		RIH w/Sq gun, 3.125" 4SPF 1' load 90 deg, perf @ 600', POOH, RD
				11:30 am	WL.
			11:30 am		Establish circulation w/10 bbl's water, condition hole w/90 BBL's
					water, down 4.5" CSG thru 600' perforation up annulus, PU 23 JTS
					TBG@ 734', establish circulation, mix & pump 55 SXS of 15.8 # CGC
					to surface, LD TBG, SWI, mix & pump 125 SXS of 15.8 # CGC down
					4.5" CSG thru 600' perforations up annulus to surface, SWI.
				3 pm	Total 180 SXS
			3 pm	5:00pm	wash up pump & tank, PU & secure location.
			5:00pm	5:30pm	Crew Travel.
Comments:					

P&A Mangers Signature:

VP Operations Signature:

