

JOB LOG

Magna Energy Services
Niobrara Blvd. 20661
LaSalle, Colorado 80645

Operator: PDC Energy

Well **WACKER 22-19** API: 05-123-19261-00

Location: **SENW**, Sec. 10, T5N, R64W

Date:

MIRU Plugging Rig & Equipment ICP- 200 ITP- 150 psi ISCP-275 Call PDC w/ pressures

Blow Dn well Roll Hole Clean ND Well Head NU BOPS LD 200 Jts 1-1/2- 2.4# IJ TBG + SNNC

MIRU Magna Wireline RIH W/ 3-1/2 7.7# CIBP Set @ 6470' POOH RIH 2 trips w/ dump bailer put 2 sks cement on top CIBP RDMO Wireline Load hole Try Pressure test pump into hole @ 400 psi Get Circulation up Surface

PU 2" Work string W/ Pkr Hunt for Holes, Hole between 1914-1945 POOH w/ tbg & Pkr

RIH w/ Tbg to 2032' HU get circulation Pump 11 sks 15.8# Cement 2.25 Bls Slurry 246' Plug LD Tbg

MIRU Magna Wireline RIH w/ perf gun Perf Surface Pipe @ 560' RDMO Wireline

Pump dn Csg get Circulation up Surface Pump 475 sks 15.8# Cement 97.28 Brls slurry to see cement @ Surface

RDMO Plugging Rig

Open well quick blow ND BOPS Dig around Surface Pipe Cut off Surface pipe & Csg

RIH w/ 1" hose Pump 10 sks 15.8# cement to fill up Csg 2.04 Brls Slurry to have Cement from 225' to Surface

RIH w/ 70'- 1" hose Dn Surface Pipe Pump 19 sks 15.8# Cement 3.89 Brls Slurry to get Cement from 70' to

Surface Well keeps bubbling Weld cap w/ 2" valve Pressure up to 500 psi SWIFN

Open Well Check pressure 80 Psi - Pressure up to 1000 psi bleeds Dn Pressure up to 1550 psi Hold 28 min.

Loose 300 psi (1250 psi) Release Pressure SWI Back Fill hole to cover well not to freeze for Future work on well

PDC will Flush Flow Lines

Cement Contractor: Magna Energy Services of LaSalle, CO
Kevin Billman
Field Supervisor

3036011877



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: 10001011	
Well Name and Number: WACKER 22-10		Date: 12/9/2015	Wireline Unit # 222	Rig Name & Number: MAGNA # 16	
County: WELD	State: COLORADO	Field: WATTENBERG	Engineer: A.REAGAN	Operator: D.SHEAHAN	Operator:

RUN	RUN DATA				QTY	CODE	DATE	DESCRIPTIONS	UNIT PRICE	AMOUNT
	Job Time:	3:30PPM	Shop Time:	7:00AM	1	1000-001	12/09/15	Set Up Charge Cased Hole Unit		
	Leave Shop:	1:30PM	Arrive At Loc:	2:30PM						
	Begin Rig Up:	4:45PM	Finish Rig up:	4:53PM						
1	Time In:	4:53PM	Time Out:	5:30PM	6000	8000-001	12/09/15	Bridge Plug Depth Charge		
	From:	0	To:	6500'	1	8000-002	12/09/15	Bridge Plug Operation Charge		
	Service:	SET 3.4" CIBP @ 6470'			1	8000-015	12/09/15	Setting Tool Rental, per tool		
2	Time In:	5:35PM	Time Out:	5:59PM						
	From:	0	To:	6470'	6000	7000-006	12/09/15	Dump Bailer Depth Charge		
	Service:	CDB 1SX CEMENT @ 6470'			1	7000-007	12/09/15	Dump Bailer Operation Charge		
3	Time In:	6:03PM	Time Out:	6:25PM						
	From:	0	To:	6470'						
	Service:	CDB 1SX CEMENT @ 6470'								
4	Time In:		Time Out:							
	From:		To:		1	3000-001	12/09/15	Packoff Operation Charge0#-1000#		
	Service:				1	2000-003	12/09/15	API Type 6BX, 5,000 lb. WP 13-3/8" and smaller		
5	Time In:		Time Out:							
	From:		To:							
	Service:									
6	Time In:		Time Out:							
	From:		To:							
	Service:									
7	Time In:		Time Out:							
	From:		To:							
	Service:									
8	Time In:		Time Out:							
	From:		To:							
	Service:									
9	Time In:		Time Out:							
	From:		To:							
	Service:									
10	Time In:		Time Out:							
	From:		To:							
	Service:									
11	Time In:		Time Out:					SUB TOTAL	\$	-
	From:		To:					LESS DISCOUNT	\$	-
	Service:									
					QTY	CODE	DATE	NON-DISCOUNTED ITEMS	UNIT PRICE	AMOUNT
12	Time In:		Time Out:							
	From:		To:		1	8000-014	9-Dec	Standard Set Power Charge		
	Service:				1	8100-000	9-Dec	Cast Iron Bridge Plug		
13	Time In:		Time Out:							
	From:		To:							
	Service:									
RUN	Begin RDMO:		Finish RDMO:							
	Leave Loc.:		Arrive Shop:					SUBTOTAL	\$	-
	Leave Shop:							TAX	\$	-
								GRAND TOTAL	\$	-

Customer Signature:	Customer Name Printed: KEVIN BILLMAN	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:

PDC

Company Man:

Tom Lefor / Bud Holman

Today's Date: 12/10/2015

12/10/2015

A/E or Project #:

PA 000324

Company Man Cell:

970-301-8295 -970-301-3897

Days on Well:

Well Name/Number: WACKER 22-10 API-05-123-19261-00

Section/Township/Range
NWSW Sec27 T6N R 63W

Rig #:

16

Operator:

Kevin Billman

Martin Ramirez

Riq Hand:

James Gurule

Rig Hand:

Omar Faudoa

Rig Hand:

Alonso Palma

Ria Hand:

[illegible]

P&A Mangers Signature:

VP Operations Signature:

Company Name:

PDC

Company Man:

Tom Lefor / Bud Holman

Today's Date: 12/11/2015

12/11/2015

A/E or Project #:

PA 000324

Company Man Cell:

970-301-8295 -970-301-3897

Days on Well:

Well Name/Number: WACKER 22-10 API-05-123-19261-00

Section/Township/Range
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Rig #:

16

Operator:

Kevin Billman

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Rig Hand:

James Gurule

Rig Hand:

Omar Faudoa

Rig Hand:

Alonso Palma

Rig Hand:

[illegible]

P&A Mangers Signature:

VP Operations Signature:

Company Name:

PDC

Company Man: Tom Lefor / Bud Holman

Today's Date: 12/14/2015

A/E or Project #:

PA 000324

Company Man Cell: 970-301-8295 -970-301-3897

Days on Well:

Well Name/Number: WACKER 22-10 API-05-123-19261-00

Section/Township/Range
NWSW Sec27 T6N R 63W

Rig #:

16

Operator:

Kevin Billman

Martin Ramirez

Rig Hand:

Jose Reves

Rig Hand:

Omar Faudoa

Rig Hand:

Alonso Palma

Rig Hand:

[illegible]

P&A Mangers Signature:

VP Operations Signature:

Company Name:

PDC

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Omar Faudoa

Ria Hand:

Alonso Palma

Ria Hand:

[illegible]



Rocky Mountain Oilfield Rentals

200 South 2nd St Suite # 2 LaSalle, CO 80645

Phone: 970-284-6685 Fax: 970-284-6682 An Ensign Drilling USA Subsidiary

Field Ticket # **Nº 35810**

35810

Date

1/5/2016

200 South 2nd St Suite # 2 LaSalle, CO 80645										Phone: 770-204-0065 Fax: 770-204-0065										PO#										Lease Name:										Wacker										Well #										22-10									
Bill To Customer:										PDC										County:										Weld										CO										Invoice Ref. #:																			
Address:										3801 Carson Ave										Job Type:										Rental										OCSG #:																													
City:										Evans										Field:										Dj Basin																																							
State:										CO										Zip:										80620										Casing Sz & Wt:										3-1/2"																			
Ordered By:										B. Holman										Legal Description:										Travis Rothe																																							
										WCR 60 and 55-1/2										Service Man																																																	
NO.										RENTALS/SALES										QTY										PRICE										DSC										TOTAL																			
1										Rental of 85 Ton Logan Power Swivel Unit 1004										3										600.00																				1,800.00																			
2										Rental of 2-3/8" EUE X 2-3/8" CS Hyd XO Sub BXP										1										125.00										38%										77.50																			
3										Rental of 2-3/8" CS Hyd X 2-1/16" CS Hyd XO Sub BXP										1										125.00										38%										77.50																			
4										Rental of 2-1/16" CS Hyd X 1-1/4" N-Rod XO Sub BXB										1										125.00										38%										77.50																			
5										Rental of 3-1/2" 10 Rd X 3-1/2" 8 Rd XO Sub PXP										1										125.00										38%										77.50																			
6										Rental of 40 Ton "MYT" Slip TypeElevators F/2-3/8" OD Tubing (5 Day Min.)										1										505.00										38%										313.10																			
7										Sale of 3-1/2" 7.7# 8Rd X 6' N-80 Pup Joint										1										362.40																				362.40																			
8										Sale of 2-7/8" OD Varel Cone Bit										1										1,334.00										38%										827.08																			
9																																																		0.00																			
10																																																		0.00																			
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14																																																		0.00																			
																				Subtotal Taxable Charges																														\$3,612.58																			
										SERVICE MANS TIME																																																											
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																				Subtotal Non-Taxable Charges																														\$0.00																			
										MILEAGE																																																											
										Travel/Mileage										20										\$2.00																				\$40.00																			
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																				Subtotal Non-Taxable Charges																														\$40.00																			
										Terms: Net 30 Days																																								\$3,652.58																			
										Total Service & Material:																																								\$104.76																			
																																																												\$3,757.34									
										TOTAL CHARGES:																																																											

Authorized Agent: _____ Date: 1-7-16 RMOR Employee: _____