

**Magna Energy Services, LLC
20661 Niobrara Blvd.
LaSalle, Colorado 80645
(970) 284-8142
Fax (970) 284-5753**

Job Log

Date: 1/27/16
Operator: PDC Energy Inc.
Well Name: MCLEOD 6
Legal Location: NWSW Sec 28 T4N R66W
API# 05-123-22048-00
Weld County, Colorado

1/22/16: MIRU P&A Equipment, check PSI, 100/100, surface CSG 0 PSI, blow well down, kill & circulate w/110 BBL's water, NDWH, NU BOP's, LD TBG, Recovered 226 JTS OF 2 1/16" TBG @ 7265', MIRU Magna WL, RIH w/CIBP, stuck @ 5368', set CIBP, POOH, RDWL, SWI.

1/25/16: PU BIT & BIT SUB, PU 1.9" work string, tag CIBP @ 5368', PU Power swivel drill out CIBP chase to BTM @ 7251', LD 3 JTS, SWI.

1/26/16: TOOH w/TBG, MIRU Magna WL, RIH w/JBGR @ 7250', POOH, RIH w/CIBP w/2 SXS @ 7230', POOH, load hole w/50 BBL's water, pressure test CSG 500 psi, held for 5 mins, RIH w/CIBP w/2 SXS @ 6930', POOH, RIH w/CIBP w/2 SXS @ 4360', POOH, RDMO WL, SWI.

1/27/16: PU 19 JTS TBG @ 620', Establish circulation, mix & pump 35 SXS of 15.8 # CGC to surface, LD TBG, RD P&A Equipment, dig well up, cut surface head off, had cement to surface inside annulus, cut & cap well 6' below ground surface, Backfill, P&A complete, leave flowline for PDC to flush, MO equipment.

*** All cement used is Class "G" Neat 15.8 # ***

Cementing Contractor: Magna Energy Services, LLC
Cementing Contractor Supervisor: Scott Marez
Operator Supervisor: Tom Lefor
COGCC Representative: Jeff Rickard
Wireline Contractor: Magna Energy Services, LLC,

Today's Date: 1/22/2016

Days on Well:

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

Company Name: PDC Energy Inc.
AFE or Project #: PA 000336

Well Name/Number: MCLEOD 6

Section/Township/Range NWSW Sec 29 T4N R66W

Rig #: 6

Pool Pusher: Scott Marez

Operator: Cody Scott

Rig Hand: *Jesus Caudillo*

Rig Hand: *Edgar Parra*



| 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 | 10 AM | MIRU P&A Equipment. | | |
| 10 AM | 11 AM | Check Pressure, 100/100, surface CSG 0 psi, blow well down. | | |
| 11 AM | 12:30 PM | Kill & circulate well w/110 BBL's water, NDWH, NU BOP's. | | |
| 12:30 pm | 1 pm | LUNCH | | |
| 1 PM | 3:30 PM | LD TBG, Recovered 226 JTS of 2 1/16" @ 7265'. | | |
| 3:30 PM | 5 PM | MIRU Magna WL, RIH w/CIBP stuck @ 5368', set, POOH, RDWL. | | |
| 5 PM | 5:30 PM | Drain up & PU & secure location. | | |
| 5:30 PM | 6 PM | Crew Travel. | | |
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| | | | | |
| 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: 30001444 In Bid | |
| Well Name and Number: MCLEOD #6 | | Date: 1/26/2016 | Wireline Unit # T7B | Rig Name & Number: MAGNA # 6 | |
| County: WELD | State: COLORADO | Field: WATTENBERG | Engineer: J. Johnson | Operator: J. BLOCKBERGER | Operator: D. Sheahan |

| | RUN DATA | QTY | CODE | DATE | DESCRIPTIONS | UNIT PRICE | AMOUNT |
|-----|--|------|----------|------|--|------------|--------|
| 1 | Job Time: 9:00 Shop Time: 7:00 | 1 | 1000-001 | | Set Up Charge Cased Hole Unit | | |
| | Leave Shop: 8:00 Arrive At Loc: 8:30 | 1 | 3000-01 | | Grease 10K Operation Charge 0#-6000# | | |
| | Begin Rig Up: 9:15 Finish Rig up: 9:30 | 1 | 2000-003 | | API Type 6BX, 5,000 lb. WP 13-3/8" and smaller | | |
| 2 | Time In: 9:30 Time Out: 10:05 | 7230 | 8000-001 | | Bridge Plug Depth Charge | | |
| | From: 0 To: 7250' | 1 | 8000-002 | | Bridge Plug Operation Charge | | |
| | Service: 2.80 JCGR TO 7250' | 1 | 8000-015 | | Setting Tool Rental, per tool | | |
| 3 | Time In: 10:10 Time Out: 10:30 | 7230 | 7000-006 | | Dump Bailer Depth Charge | | |
| | From: 0 To: 7230' | 1 | 7000-007 | | Dump Bailer Operation Charge | | |
| | Service: SET 3.5" CIBP @ 7230' | | | | | | |
| 4 | Time In: 3:00 Time Out: 3:30 | 6930 | 8000-001 | | Bridge Plug Depth Charge | | |
| | From: 0 To: 620' | 1 | 8000-002 | | Bridge Plug Operation Charge | | |
| | Service: DUMP 2 SX ON CIBP @ 7230' | | | | | | |
| 5 | Time In: 12:10 Time Out: 12:50 | 6930 | 8000-015 | | Setting Tool Rental, per tool | | |
| | From: 0 To: 6930' | 1 | 7000-006 | | Dump Bailer Depth Charge | | |
| | Service: SET 3.5" CIBP @ 6930' | | | | | | |
| 6 | Time In: 12:55 Time Out: 1:50 | 6930 | 7000-007 | | Dump Bailer Operation Charge | | |
| | From: 0 To: 6930' | | | | | | |
| | Service: DUMP 2 SX ON CIBP @ 6930' | | | | | | |
| 7 | Time In: 1:55 Time Out: 2:30 | 6000 | 8000-001 | | Bridge Plug Depth Charge | | |
| | From: 0 To: 4360' | 1 | 8000-002 | | Bridge Plug Operation charge | | |
| | Service: SET 3.5" CIBP @ 4360' | 1 | 8000-015 | | Setting Tool Rental, per tool | | |
| 8 | Time In: 2:35 Time Out: 3:15 | 6000 | 7000-006 | | Dump Bailer Depth Charge | | |
| | From: 0 To: 4360' | 1 | 7000-007 | | Dump Bailer Operation Charge | | |
| | Service: DUMP 2 SX ON CIBP @ 4360' | | | | | | |
| 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: | | | | NON-DISCOUNTED ITEMS | UNIT PRICE | AMOUNT |
| 12 | Time In: Time Out: | 3 | 8000-014 | | Standard Set Power Charge | | |
| | From: To: | 3 | 8100-000 | | Cast Iron Bridge Plug | | |
| | Service: | | | | | | |
| 13 | Time In: Time Out: | | | | | | |
| | From: To: | | | | | | |
| | Service: | | | | | | |
| RUN | Begin RDMO: Finish RDMO: | | | | SUBTOTAL | | |
| | Leave Loc.: Arrive Shop: | | | | TAX | | |
| | Leave Shop: | | | | GRAND TOTAL | | |

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|---------------------|------------------------|---------------------------------|
| 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.

