

## JOB LOG

Magna Energy Services  
23295 US Hwy 85  
LaSalle, Colorado 80645

**Operator:** PDC Energy

**Well:** Schafter (Schafer) #2 API: 05-123-14877

**Location:** NW/SE, Sec. 8, T6N, R65W

**Date:** 4-22-15

ITP: blow ICP: blow Surface casing: 0 Blew well down to flat tank.

MIRU P&A rig and related equipment.

ND wellhead. NU BOPs. Released packer. Unable to roll hole. Pressured to 1500 psi.

TOOH with 202 jnts of 2-3/8" 4.7# J-55 8rd eue tbng, AS-3 packer, 24 jnts of tbng, SN/NC.

MIRU Magna wireline. RIH with 4-1/2" CIBP. Stacked out at 3580'. Worked down to 3748'. POOH. RDMO.

RIH with 3-3/4" blade bit and casing scraper to 4500'. Rolled hole. Communication with surface casing.

Continued in hole thru tight spot at 5235' to tag at 6230'. Stuck in hole. Stripped on circulating head and PU tbng swivel. Circulated and rotated scraper out of hole.

RIH with SN/NC. Stacked out at 4138'. Worked thru to 4608'. Collars hung up both running in and pulling out.

POOH and lay down 2-3/8" 8rd tbng.

PU 2-3/8" cs-hydril workstring and TIH with mule shoe to stack out at 3607'. Circulated tbng down with tbng swivel to hard tag at 6278'. Probable top of cement outside casing. POOH standing back.

ND BOPs, tbng head and casing head. Un-land casing. NU BOPs.

LD 128 jnts of 4-1/2" 15.1# casing. (3487')

RIH with 2-3/8" cs-hydril and mule shoe. Unable to get back inside casing stub. LD hydril workstring.

PU 2-7/8" 8rd workstring and TIH with overshot. Latched onto casing at 3592'.

MIRU Magna wireline. RIH with 2" gauge ring/junk basket. Worked down to 3988'. POOH.

Worked casing to free up. RIH with 2" splitshot cutter to 4338'. Cut collar at 4330'. POOH.

Unable to pull casing. RIH w/2nd splitshot cutter and cut collar at 4302'. POOH. RDMO wireline.

Still unable to pull casing.

Worked to release overshot with tbng tongs. Released. POOH standing back 2-7/8" tbng. LD overshot.

Recovered 2 more jnts of casing. RIH and LD 2-7/8" workstring.

PU and TIH with 2-3/8" 8rd workstring and mule shoed bent sub. Unable to get inside casing stub.

EOT at 3743'. (ouside casing) Per Mike Hickey, COGCC, Pumped 354 sks of class G cement. Displaced 10.5 bbls POOH. WOC.

Tagged plug at 3123'. Pumped 300 sks. Displaced 10 bbls. POOH. WOC.

Tagged plug at 2335'.

PU to 608'. Pumped 278 sks to surface. LD tbng. WOC.

Tagged plug at 148'. LD tbng.

Topped off surface plug with 10 sks.

ND BOPs. Dug out and cut off surface head. Welded on cap. Backfilled hole.

RDMO

Flowline flushed by PDC. Unable to Run Gyro Survey due to parted casing.

**Wireline Contractor:** Magna Wireline of Gillette, WY

**Cement Contractor:** Magna Energy Services of LaSalle, CO

**Bud Holman**

**Field Supervisor**

**720-280-5997**

4/6/2015

PA000221

**Well Name/Number:** **Schafer #2**    **API: 05-123-14877**

NW/SE Sec.8 T6N R65W

**Rig #:**

16

**Tool Pusher:**

**Bud Holman**

**Operator:**

**Martin Ramirez**

**Ria Hand:**

Alonso Palma

**Rig Hand:**

**Omar Faudoa**

**Ria Hand:**

**Rene Sanchez**



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		7	8	
	1	7	8	
1		7	8	
	1	7	8	
	1	7	8	

[illegible]

**P&A Mangers Signature:**

**VP Operations Signature:**

**VP Operations Signature:**

4/8/2015

*Days on Well.*

2 API: 05-123-14877

NW/SE Sec. 8 T6N R65W

16

**Bud Holman**

**Martin Ramirez**

Alonso Palma

**Omar Faudoa**

**Rene Sanchez**



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		12	13	
	1	12	13	
	1	12	13	
	1	12	13	
1		12	13	

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
0600	0630	Crew travel. Held safety meeting.			
0630		MIRU Magna wireline. RIH with 4-1/2" CIBP. Stacked out at 3580'. Worked thru tight spot. Stacked out at 3748'. Unable to make hole. POOH. RDMO wireline.			
0830	0830	RIH with 3-3/4" blade bit and casing scraper to 4500'. Rolled hole. Communication with surface casing. Rolled gas and oil out of surface casing. Continued in hole. Had to work scraper down thru tight spot at 5235'. Rolled hole. Continued in hole to 6260'. Scraper stuck in hole. Worked free. LD 1 jnt. Rolled hole. LD 1 jnt. Stuck again at 6230'. Worked free. Stripped on circulating head. PU tbng swivel, broke circulation and worked tbng freeing up and laying down 7 jnts. EOT at 6011'.			
1830	1830	Secured well. SDFD			
1830	1900	Crew travel.			

**VP Operations Signature:**

4/9/2015

970-301-8295

**Schafer #2**    API: 05-123-14877

NW/SE Sec. 8 T6N R65W

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	

[illegible]

**VP Operations Signature:**





Field Ticket #

14182

Date

4/13/2015

Nº 14182

Sater Tools and Services LLC, 19788 CR 50.5, Lasalle CO 80645

Office 970-301-2028 Fax 970-284-7008

Bill To Customer:		P D C	PO#	Lease Name:	Well #:	2
Address:		3801 Canon Ave		County:	Well	CO
City:		Evans		Job Type:	4-1/2 15.1#	DCSG #:
State:		CO	80620	Casing Sz & Wt:		Scott Walter
Ordered By:			Legal Description:	Service Man:		Jorge Romo
			70+41 W.1 Ninto			
NO.	RENTALS/SALES	QTY	PRICE	DEC	TOTAL	
1	Rental of 4-1/2 casing scraper	1	605.00	30%	\$423.50	
2	Rental of 2-3/8 reg box x 2-3/8 8rd box	1	125.00	30%	87.50	
3	Rental of 3-3/4 blade bit	1	125.00	30%	87.50	
4	Rental of tubing swivel	1	225.00	30%	157.50	
5	Rental of MYT elevators	1	505.00	30%	353.50	
6	Rental of 2-3/8 cs pin x 2-3/8 8rd box	1	125.00	30%	87.50	
7	Rental of 2-3/8 cs mule shoe	1	135.00	30%	94.50	
8	Rental of 2-3/8 cs box x 2-3/8 8rd pin	1	125.00	30%	87.50	
9	Rental of 2-7/8 MYT elevators	1	505.00	30%	353.50	
10	Rental of 6-3/8 4498 overshoot	1	844.00	30%	590.80	
11	Rental of 4498 5" overshoot grapple	1	839.00	50%	419.50	
12	Sale of 4498 4-1/2 overshoot grapple	1	1,300.00		1,300.00	
13					0.00	
14					0.00	
Subtotal Taxable Charges					\$4,042.80	
SERVICE MANS TIME						
Service mans time		1	\$850.00		\$850.00	
Service mans time		1	850.00		850.00	
Inspection charges		8	30.00		240.00	
Subtotal Non-Taxable Charges					\$1,240.00	
MILEAGE						
Mileage		35	\$2.95		\$103.25	
Mileage		35	2.95		103.25	
Mileage		35	2.95		103.25	
Subtotal Non-Taxable Charges					\$309.75	
Terms: Net 30 Days						
Total Service & Material:					\$6,292.55	
Tax:					\$117.24	
TOTAL CHARGES:					\$6,409.79	

Authorized Agent: \_\_\_\_\_

Date: \_\_\_\_\_

PDC

PA000221

**fer #2** APL: 05-123-14877

Section/Township/Range

**Rig #:**

**Tool Pusher:**

**Operator:**

**Ria Hand:**

**Ria Hand:**

***Rig Hand:***

**Company Man:**

**Company Man Cell:**

Tom Lefor

970-301-8295

**Today's Date:**

***Days on Well:***

4/10/2015



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		11	12	
	1	11	12	
	1	11	12	
1		11	12	
	1	11	12	

[illegible]

**P&A Mangers Signature:**

**VP Operations Signature:**

1/13/2015

CT07/CT 14

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4

1

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2



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		11	12	
	1	11	12	
	1	11	12	
	1	11	12	
1		11	12	

[illegible]

***P&A Mangers Signature:***

**VP Operations Signature:**



PDC

PA000221

**Schafer #2**      API: 05-123-14877

NW/SE Sec.8 T6N R65W

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**Bud Holman**

**Martin Ramirez**

Alonso Palma

**Omar Faudoa**

Rene Sanchez

**Company Man:**

Tom Lefor

**Company Man Cell:**

970-301-8295

PDC

PA000221

**Schafer #2**    API: 05-123-14877

NW/SE Sec.8 T6N R65W

16

**Bud Holman**

**Martin Ramirez**

Alonso Palma

Omar Faudoa

Rene Sanchez

**Today's Date:**

4/14/2015

*Days on Well.*

*Days on Well.*



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		11	12	
	1	11	12	
1		11	12	
	1	11	12	
	1	11	12	

[illegible]

**P&A Mangers Signature:**

**VP Operations Signature:**





Customer Signature:	Customer Name Printed:  MR. BUD HOLMAN	Magna Representative Signature: Joe Michael
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PDC

PA000221

**Schafer #2**    API: 05-123-14877

NW/SE Sec.8 T6N R65W

16

**Bud Holman**

Martin Ramirez

Alonso Palma

Umar Farooq

Dono Conche-

**Company Man:**

**Company Man Cell:**

**Tom Lefor**

**970-301-8295**

**Today's Date:**

***Days on Well:***

4/16/2015



Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		4	5	
	1	4	5	
	1	4	5	
	1	4	5	
1		4	5	

[illegible]

**P&A Mangers Signature:**

**VP Operations Signature:**







PDC

PA000221

**Schafer #2**      API: 05-123-14877

Section/Township/Range

NW/SE Sec.8 T6N R65W

Rig #:

16

**Tool Pusher:**

**Bud Holman**

**Operator:**

**Martin Ramirez**

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**Alonso Palma**

**Rig Hand:**

Omar Faudoa

**Rig Hand:**

Rene Sanchez



**MAGNA**  
ENERGY SERVICES

**Company Man:**

Tom Lefor

**Company Man Cell:**

970-301-8295

**Today's Date:** 4/22/2015

**Days on Well:**

[illegible][illegible]

**P&A Mangers Signature:**

**VP Operations Signature:**