

JOB LOG

Magna Energy Services
Niobrara Blvd. 20661
LaSalle, Colorado 80645

Operator: PDC Energy

J&L Farms 13-29 API 05-123-20482 -00

Location: NWSW, Sec. 29, T6N, R63W

Date: 9-12-16 9-15-16

MIRU Plugging Rig & Equipment ICP- Blow ISCP- 0 Function Test BOPS ND Collar & Valve NU WH & BOPS

PU SNNC + 215 Jts 2-3/8 Tag Cement @ 6672' KB LD jt PU 10' Sub End of Tbg @ 6670' KB Circulate Hole Clean

MIRU Summit SL RIH W/ Gyro Tag @ 6655' GL Run Gyro from 6650' GL to Surface Gyro Good RDMOSL

TOH w/ 47 Stds LD Rest of Tbg

MIRU Magna WL RIH w/ GRJB 3.50 od to 6634' POOH RIH w/ 4-1/2 Owens 10K CIBP set @ 6360" POOH RIH w/DB put 2 sks Cement on top of CIBP POOH RDWL

PU RMOR 32A Tension Pkr TIH w/ 92 Jts + Pkr Set Pkr @ 2864' HU Test to 800 psi Good Test from 2864' to CIBP

Release Pkr TOH w/ 30 Jts Total in Hole 62 Jts Pull up 10' Set Pkr @ 1928' Test Dn Csg Pressure Test to 1000 psi Good

Test From 1928' to Surface Release Pkr TOH w/ Pkr TIH w 94 Jts end of Tbg @ 2919' Hu get circulation Pump 77 sks 15.8#

Class G Cement 15.77 Brls Slurry to put Balance Plug from 2919' to 1900' TOH w/ 10 stds LD Rest of Tbg

RUWL RIH w/ 4-1/2 Owens 10K CIBP 3.50 od set @ 1900' POOH RIH w/ DB put 2 sks on top of CIBP POOH

load & Pressre Test 700 psi Good Test Release Pressure RIH w/ Split Shot Split Collar @ 520' POOH RDMOWL

ND BOPS & WH Unland Csg NU WH & BOPS LD 12 Jts 4-1/2 N80 LTC Csg 520'

Pu MS Sub TIH w/ 20 jts end of Tbg @ 631' HU Circulate & Condition Hole Pump 228 sks 15.8# Class G Cement

To get Good Cement to Surface 46.69 Brls Slurry LD Tbg Top off Well with already mixed Cement

RD Plugging Rig & Equipment ND BOPS & WH Cement @ Surface Dig around Surface Csg Cut & Cap Surface Csg

6' Below GL weld on Name Plate Back Fill Hole

Total Cement Pumped 305 sks

PDC will Flush Flow Line

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

3036011877

Company Name: PDC Today's Date: 9/14/2016
 AFE or Project #: PA-000-355 Tom Lefor / Ryan Beam
 Company Man Cell: 970-301-8295 -970-405-8585
 Well Name/Number: J & L Farms 13-29 Api 05-123-20482-00
 Section/Township/Range NWSW Sec: 29 T: 6N R: 63W

Rig #: 16
 Tool Pusher: Kevin Billman
 Operator: Nathan Scott
 Rig Hand: Otoniel Rodriguez
 Rig Hand: Amando Lopez Jr
 Rig Hand: Austin Jones
 Rig Hand:



Task Times:		Job Steps in Bid Scope				Task Times:		Job Steps out of Bid	
6:00	6:30	Crew Travel							
6:30		Hold JSA Meeting Open Well Blow MIRU Magna WL RIH w/							
		GRJB 3.50 od to 6634' POOH RIH w/ 4-1/2 Owens 10K CIBP							
		set @ 6360' POOH RIH w/ DB Put 2 sks Cement on top CIBP							
		POOH RDWL PU RMOR 32A Tension Pkr TIH w/ 92 Jts + Pkr							
		Pkr @ 2864' HU Test to 800 psi Good Test From 2864' To CIBP							
		Release Pkr TOH w/ 30 Jts Total in Hole 62 Jts Pull up 10' Set							
		Pkr @ 1928' Test Dn Csg 1000 psi Good Test Release Pkr TOH							
		TIH w/ 94 Jts end of Tbg @ 2919 HU Circulate Hole Pump 77							
		sks 15.8# Class G Cement to put balance Plug from 2919' to							
		1900' Displace 7 Brls TOH w/ 10 stds LD rest of Tbg							
		RUWL RIH w/ 4-1/2 Owens 10K CIBP 3.50 od set @ 1900'							
		POOH RIH w/ DB Put 2 sks Cement on top of CIBP POOH							
		load & Pressre Test 700 psi Good Test Release Pressure RIH							
		w/ Split Shot Split collar @ 520' POOH RDMOWL ND BOPS &							
		WH Unland Csg NU WH & BOPS LD 12 Jts 4-1/2 N80 LTC Csg							
	5:30	520' C/O to Tbg SWIFN							
	6:00	Crew Travel							

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 ENERGY		Company Address:		Field Ticket Number: 30001523 In Bid	
J&L Farms #13-29		Date: 9/14/2016	Wireline Unit # 222	Rig Name & Number: MAGNA # 16	
County: WELD	State: COLORADO	Field: WATTENBERG	Engineer: J. JOHNSON	Operator: D. SHEAHAN	Operator: J. BLOCKBERGER

RUN	RUN DATA		QTY	CODE	DATE	DESCRIPTIONS	UNIT PRICE	AMOUNT
	Job Time:	8:00 Shop Time:	5:00	1	1000-001	09/14/16 Set Up Charge Cased Hole Unit		
	Leave Shop:	6:00 Arrive At Loc:	7:00	1	3000-001	09/14/16 Packoff Operation Charge0#-1000#		
	Begin Rig Up:	8:00 Finish Rig up:	8:15	1	2000-003	09/14/16 API Type 6BX, 5,000 lb. WP 13-3/8" and smaller		
	Time In:	8:20 Time Out:	9:00					
1	From:	0 To:	6634'	6600	8000-009	09/14/16 Junk Catcher / Gauge Ring Depth Charge		
	Service:	3.5" JCGR TO 6634'		1	8000-010	09/14/16 Junk Catcher / Gauge Ring Operation Charge		
	Time In:	9:05 Time Out:	9:35	6564	8000-001	09/14/16 Bridge Plug Depth Charge		
2	From:	0' To:	6360'	1	8000-002	09/14/16 Bridge Plug Operation Charge		
	Service:	SET 4.5" CIBP @ 6360'		1	8000-015	09/14/16 Setting Tool Rental, per tool		
	Time In:	9:40 Time Out:	10:10					
3	From:	0' To:	6360'	6360	7000-006	09/14/16 Dump Bailer Depth Charge		
	Service:	CDB 2 SX CEMENT ON CIBP @ 6360'		1	7000-007	09/14/16 Dump Bailer Operation Charge		
	Time In:	1:45 Time Out:	2:00	2000	8000-001	09/14/16 Bridge Plug Depth Charge		
4	From:	0' To:	1900'	1	8000-002	09/14/16 Bridge Plug Operation Charge		
	Service:	SET 4.5" CIBP @ 1900'		1	8000-015	09/14/16 Setting Tool Rental, per tool		
	Time In:	2:10 Time Out:	2:30					
5	From:	0' To:	1900'	2000	7000-006	09/14/16 Dump Bailer Depth Charge		
	Service:	CDB 2 SX CEMENT ON CIBP @ 1900'		1	7000-007	09/14/16 Dump Bailer Operation Charge		
6	Time In:	Time Out:						
	From:	To:						
	Service:							
7	Time In:	Time Out:						
	From:	To:						
	Service:							
	Time In:	2:35 Time Out:	2:50					
8	From:	0' To:	520'	6000	5000-022	09/14/16 Split Shot Depth Charge		
	Service:	SSC 4.5" CASING @ 520'		1	5000-023	09/14/16 Split Shot Operation Charge		
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
	Time In:	Time Out:						
12	From:	To:		2	8000-014	Standard Set Power Charge		
	Service:			2	8100-000	Cast Iron Bridge Plug		
13	Time In:	Time Out:						
	From:	To:						
	Service:							
	OWEN 10K CIBP 3.5" OD							
	SETTING RANG :9.5-16.6# 4.5" CASING							
						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:

PDC

Company Man:

Tom Lefor / Ryan Beam

Today's Date: 9/15/2016

9/15/2016

A/E or Project #:

PA-000-355

Company Man Cell:

970-301-8295 -970-405-8585

Days on Well:

Well Name/Number: J & L Farms 13-29 Api 05-123-20482-00

Section/Township/Range NWSW Sec: 29 T: 6N R: 63W

Rig #:

16

Tool Pusher:

Kevin Billman

Operator:

Nathan Scott

Ria Hand:

toniel Rodriguez

Ria Hand:

Amando Lopez Jr

Ria Hand:

Austin Jones

Ria Hand:



ENERGY SERVICES

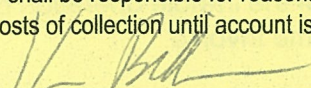
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P&A Mangers Signature:

VP Operations Signature:

SLICKLINE INC.

Accounting
P.O. Box 279
LaSalle, CO 80645
Office: (970) 397-1808

SERVICE	AMOUNT	
SLT - RIH - L - Summit gyro tool from 6550' to 0' making stops every 100'	3000	00
BL elev 4685		
Long. 60.41553		
Lat. 104.41679		
API # 05123-20482		
Tom Lefor		
Customer agrees to be bound by the terms and conditions set forth on the reverse side of this form. If account is not paid when due, cus- tomer shall be responsible for reasonable attorney's fees, interest and costs of collection until account is "fully paid."  <small>Signature of Customer or Authorized Representative Date Time AM PM</small>	SUBTOTAL	
	TAX	
	ESTIMATED TOTAL	3000 00

I certify that the above ordered services, equipment, materials and products have been received.

Signature of Customer

Date _____

UNIT NUMBER 3	OPERATOR Shon	Round Trip Miles 60	Time on Job 12:00 4:00
ASSISTANT Johnny	ASSISTANT	AFE/WO PA 000355	