

JOB LOG

Magna Energy Services
Niobrara Blvd. 20661
LaSalle, Colorado 80645

Operator: PDC Energy

Stroh 14-1 API 05-123-13274-00

Location: NWSW, Sec. 14, T4N, R67W

Date: 7-26-16 - 7-28-16

MIRU Plugging Rig & Equipment ICP- 850 psi ITP - 850 psi ISCP- 0 HU Blow Dn Well To Tank

Circulate Hole Clean Function test BOPS NDWH NU BOPS TOH w/ 74 Jts 1-1/2 2.75# J55 I J Tbg Pin ends Bad
on Tbg LD Rest of Tbg TIH w/ 54 Jts LD Total pulled 218 jts -7179'

MIRU Summit Slickline RIH w/ Gyro tools run Gyro from 7100' to Surface RDMOSL

MIRU MagnaWL RIH w/ 2.25 GR & JB @ 6850' POOH RIH w/ 2-7/8 WC 10K CIBP 2.16 od Set @ 6837' POOH

Load Hole Pressure Test 660 psi Hold 5 min Test Good Realease pressure RIH w/ DB make 2 runs put 2 sks

Cement on top of CIBP RDWL

TIH w/ 19 Jts end of Tbg @ 621' Hu Get Circulation Mix up 2.82 Sks 15.8# Class G Cement .577 Brls Slurry to

Do Balance Plug from 621' to 521' Displace 56 gallons LD 3 jts TOH

RUWL RIH w/ Jet Cutter Cut Csg @ 520' POOH RDMOWL

ND BOPS & WH Put on Adapter Flange Unland Csg NU Spool & BOPS LD 17 jts

2-7/8 6.5# N-80 Eue Csg Total 520' C/O to Tbg RIH w/ 16 Jts

end of Tbg @ 523' HU Circulate Hole Pump 185 Sks 15.8#

Class G Cement to get Good Cement to Surface LD Tbg Top

off well Pumped 37.89 Brls Slurry SWIFN

Open Well Cement 8' Dn from Surface RD Plugging Rig & Equipment ND BOPS & WH

Dig around Surface Csg Cut & Cap Surface Csg 6' below Ground Level

Weld on Name Plate take picture Back fill Hole

Total cement pumped 188 sks

PDC will Flush Flow Line & put Location Back to Grade

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

3036011877

Company Name: PDC
 AFE or Project #: PA-000-394
 Well Name/Number: Stroth 14-1 Api 05-123-13274-00
 Section/Township/Range: NWSW Sec: 14 T: 4N R: 67W
 Rig #: 16
 Tool Pusher: Kevin Billman
 Operator: Nathan Scott
 Rig Hand: Alonso Palma
 Rig Hand: Amando Lopez Jr
 Rig Hand: Omar Faudoa
 Rig Hand:

Company Man: Tom Lefor / Ryan Beam
 Company Man Cell: 970-301-8295 -970-405-8585

Today's Date: 7/26/2016
 Days on Well:



Task Times:		Job Steps in Bid Scope		Task Times:		
6:00	6:30	Crew Travel		6:30	6:30	out Work tank Cement @ Surface SWIFN
6:30	7:00	Hold JSA Meeting Open well -0		6:30	7:00	Crew Travel
7:00		MIRU Summit Slickline RIH w/ Gyro Run Gyro from 7100' to				
	9:45	Surface Gyro Good RDMOSL				
9:45		MIRU Magna WL RIH w/ 2.25 GR & JB @ 6850' POOH RIH w/				
		2-7/8 WC 10K CIBP 2.16 od Set @ 6837' POOH Load Hole				
		Pressure Test 660 psi Hold 5 min Test Good Realease pressure				
		RIH w/ DB make 2 runs to put 2 sks Cement on top of CIBP				
		RDWL				
		TIH w/ 19 Jts @ 621' Hu Get Circulation Mix up 2.82 sks 15.8#				
		Class G Cement .577 Brls Slurry For a Balance Plug from 621'				
		to 521' Displace w/ 1.31 Brls LD 3 jts TOH RUWL RIH w/ Jet				
		Cutter Cut Csg @ 520' POOH RDMOWL ND BOPS & WH				
		Put on Adapter Flange Unland Csg NU Spool & BOPS LD 17 jts				
		2-7/8 6.5# N-80 Eue Csg Total 520' C/O to Tbg RIH w/ 16 Jts				
		end of Tbg @ 523' HU Circulate Hole Pump 185 Sks 15.8#				
		Class G Cement to get Good Cement to Surface LD Tbg Top				
		off well Pumped 37.89 Brls Slurry Wash up Pump & lines Clean				

P&A Mangers Signature:

VP Operations Signature:

Company Name:

PDC

Company Man: Tom Lefor / Ryan Beam

Today's Date: 7/26/2016

A/E or Project #:

PA-000-394

Company Man Cell:

970-301-8295 -970-405-8585

Days on Well:

Well Name/Number: Stroh 14-1 Api 05-123-13274-00

Section/Township/Range NWSW Sec: 14 T: 4N R: 67W

Rig #:

16

Tool Pusher:

Kevin Billman

Operator:

Nathan Scott

Rig Hand:

Alonso Palma

Rig Hand:

Amando Lopez Jr

Ria Hand:

Omar Faudoa

Rig Hand:

[illegible]

P&A Mangers Signature:

VP Operations Signature:

Company Name: PDC Today's Date: 7/27/2016
 AFE or Project #: PA-000-394 Company Man: Tom Lefor / Ryan Beam
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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: 30001496 In Bid	
STROH #14-1		Date: 7/27/2016	Wireline Unit # 222	Rig Name & Number: MAGNA # 16	
County: WELD	State: COLORADO	Field: WATTENBERG	Engineer: J. JOHNSON	Operator: D. SHEAHAN	Operator:

RUN	RUN DATA		QTY	CODE	DATE	DESCRIPTIONS	UNIT PRICE	AMOUNT
	Job Time:	Shop Time:	1	1000-001	07/27/16	Set Up Charge Cased Hole Unit		
	Leave Shop:	8:30 Arrive At Loc:	1	3000-001	07/27/16	Packoff Operation Charge0#-1000#		
	Begin Rig Up:	10:00 Finish Rig up:	1	2000-003	07/27/16	API Type 6BX, 5,000 lb. WP 13-3/8" and smaller		
	Time In:	10:20 Time Out:						
1	From:	0 To:	6850'	8000-009	07/27/16	Junk Catcher / Gauge Ring Depth Charge		
	Service:	2.25" JCGR TO 6850'	1	8000-010	07/27/16	Junk Catcher / Gauge Ring Operation Charge		
	Time In:	11:00 Time Out:	6837	8000-001	07/27/16	Bridge Plug Depth Charge		
2	From:	0' To:	6837'	8000-002	07/27/16	Bridge Plug Operation Charge		
	Service:	SET 2 7/8" CIBP @ 6837'	1	8000-015	07/27/16	Setting Tool Rental, per tool		
	Time In:	11:45 Time Out:	12:45					
3	From:	0' To:	6837'	7000-006	07/27/16	Dump Bailer Depth Charge		
	Service:	CDB 2 SX CEMENT ON CIBP @ 6837'	1	7000-007	07/27/16	Dump Bailer Operation Charge		
	Time In:	1:55 Time Out:	2:10					
4	From:	0' To:	520'	5000-011	07/27/16	Jet Cutter Depth Charge		
	Service:	JC 2 7/8" CASING @ 520'	1	5000-014	07/27/16	Jet Cutter Operation Charge for Casing		
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		Standard Set Power Charge		
	Service:		1	8100-000		Cast Iron Bridge Plug		
13	Time In:	Time Out:						
	From:	To:						
	Service:							
	WCT 10K CIBP 2.16" OD							
	SETTING RANG :6.4-8.7# 2 7/8" 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.

