



# ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645  
Telephone (970) 284-6006



RIG/UNIT #: 356  
TOUR: Day Shift

## DAILY WORK RECORD

Ticket No: 4055460-SO1

DATE: 16-May-17, 06:00

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
COMPANY			
PDC ENERGY, INC		LOCATION: FICKEL 31-21 (CO, Station: Lasalle)	
ATTENTION: ACCOUNTS PAYABLE		PO:	
BRIDGEPORT, West Virginia, USA 26330		AFE:	

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Up	3.00	290.00	870.00
Crew Travel	2.00	220.00	440.00
Labor - Floor	5.00	55.00	275.00
CHARGES & EXPENDABLES SUB-TOTAL			1,585.00
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 1,585.00

ROD & TUBING DETAILS						
ROD DETAILS						
PULLED	SIZE:	PLAIN:	SCRAPERS: PONYS:			
RAN	SIZE:	PLAIN:	SCRAPERS: PONYS:			
NOTES:						
TUBING DETAILS						
PULLED	SIZE:	JOINTS:	TALLY:			
RAN	SIZE:	JOINTS:	TALLY:			
LANDED AT: NIPPLE AT:						
NOTES:						
PUMP DETAILS						
SIZE:		TYPE:	SERIAL #:			
PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:			SCBA DRILL DATE:			
MAN DOWN DRILL DATE:			RIG RESCUE DRILL DATE:			
BOP DRILL DATE:			BOP DRILL DURATION:			
IADC DETAILED INSPECTION DATE:						
WEATHER: Partly Cloudy		WIND: Calm		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
16-May-17, 06:00	16-May-17, 11:00	5.00	Logistics - Rig Move Road Rig	CREW TRAVEL TO LOC. SAFETY METING .ROAD RIG TO FICKEL 31-21. SAFETY METING .REMOVED FENCE .SPOTTED EQUIP .RIG UP .R/U PUMP AND TANK .WAIT FOR MUD AND CEMENT TANKS .CLEAN LOC .CREW TRAVEL TO ENSIGN YARD.
TOTAL TIME: 5.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Operator	Carranza Mejia, Jose	16-May-17, 06:00	5.00	0.00	No	0.00		0.00	Yes
Floorhand	German Melendez	16-May-17, 06:00	5.00	0.00	No	0.00		0.00	Yes
Operator	Matthew McGraw	16-May-17, 06:00	5.00	0.00	No	0.00		0.00	Yes
Service Rig Manager	Omar Munoz	16-May-17, 06:00	5.00	0.00	No	0.00		0.00	Yes
Derrickhand	Oscar Arce	16-May-17, 06:00	5.00	0.00	No	0.00		0.00	Yes
Relief Operator	Otoniel Rodriguez Olivas	16-May-17, 06:00	5.00	0.00	No	0.00		0.00	Yes

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE:  	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto.  OPERATOR'S REP. SIGNATURE:    BUD HOLMAN 970-301 3897



# ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645

Telephone (970) 284-6006



RIG/UNIT #: 356  
TOUR: Day Shift

## DAILY WORK RECORD

Ticket No: 4055460-SO2

DATE: 17-May-17, 06:00

Page: 1 of 1

COMPANY				
PDC ENERGY, INC		LOCATION: FICKEL 31-21 (CO, Station: Lasalle)		PO:
ATTENTION: ACCOUNTS PAYABLE				AFE:
BRIDGEPORT, West Virginia, USA 26330				

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	11.00	406.50	4,471.50
Crew Travel	1.00	220.00	220.00
Labor - Floor	12.00	55.00	660.00
Bird Bath Rental	1.00	35.00	35.00
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			5,474.50
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 5,474.50

ROD & TUBING DETAILS			
ROD DETAILS			
PULLED	SIZE:	PLAIN:	SCRAPERS:
PONYS:			
RAN	SIZE:	PLAIN:	SCRAPERS:
PONYS:			
NOTES:			
TUBING DETAILS			
PULLED	SIZE:	JOINTS:	TALLY:
RAN	SIZE:	JOINTS:	TALLY:
LANDED AT:			
NIPPLE AT:			
NOTES:			
PUMP DETAILS			
SIZE:	TYPE:	SERIAL #:	

PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER: Partly Cloudy		WIND: Calm		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
17-May-17, 06:00	17-May-17, 18:00	12.00	Rig - Pick Up/Lay Down Tubular	CREW TRAVEL TO LOC. SAFETY METING. TEST BOP. CHECKED PRESS. 80/80 0 SURF CNG. BLEED OFF PRESS. CIRCU WELL CLEAN. N/D MASTER VALVE AND 3K TOP FLANGE. N/U BOP. R/U W/FLOOR TBG EQUIP. L/D 221JTS S/N N/C. R/U WIRE LINE. T/H W/GAUGE RING. T/OOH. T/H W/1ST CIBP. SET BP AT 7220'. T/OOH. P/U BAILER. T/H SPOTTED 2 SXS OF CEMENT ON TOP OF BP. T/OOH. PRESS TEST. BP AT 1150. TEST OK. BLEED OFF PRESS. T/H W/2ND BP. SET BP AT 6890'. T/OOH. T/H W/BAILER. SPOTTED 2 SXS OF CEMENT ON TOP OF BP. T/OOH L/D BAILER. T/H W/3RD BP. SET BP AT 4607'. T/H W/BAILER. SPOTTED 2 SXS OF CEMENT ON TOP OF BP. T/OOH. T/H W/CNG CUTTER. CUT 4 1/2 CNG AT 608'. T/OOH R/D WIRE LINE. R/D W/FLOOR TBG EQUIP. SHUT WELL. DRAIN LINES. CLEAN LOC. CREW TRAVEL HOME.
TOTAL TIME: 12.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Relief Operator	Otoniel Rodriguez Olivas	17-May-17, 06:00	12.00	0.00	No	0.00		0.00	Yes
Service Rig Manager	Omar Munoz	17-May-17, 06:00	12.00	0.00	No	0.00		0.00	Yes
Operator	Matthew McGraw	17-May-17, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	German Melendez	17-May-17, 06:00	12.00	0.00	No	0.00		0.00	Yes
Derrickhand	Oscar Arce	17-May-17, 06:00	12.00	0.00	No	0.00		0.00	Yes

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto. OPERATOR'S REP. SIGNATURE:  BUD HOLMAN 970-301 3897





# ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645  
Telephone (970) 284-6006



RIG/UNIT #: 356  
TOUR: Day Shift

## DAILY WORK RECORD

Ticket No: 4055460-SO3

DATE: 18-May-17, 06:00

Page: 1 of 1

COMPANY			
PDC ENERGY, INC		LOCATION: FICKEL 31-21 (CO, Station: Lasalle)	
ATTENTION: ACCOUNTS PAYABLE		PO:	
BRIDGEPORT, West Virginia, USA 26330		AFE:	

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Miscellaneous Supplies	32.00	50.00	1,600.00
CHARGES & EXPENDABLES SUB-TOTAL			1,600.00
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 1,600.00

ROD & TUBING DETAILS			
ROD DETAILS			
PULLED	SIZE:	PLAIN:	SCRAPERS: PONYS:
RAN	SIZE:	PLAIN:	SCRAPERS: PONYS:
NOTES:			
TUBING DETAILS			
PULLED	SIZE:	JOINTS:	TALLY:
RAN	SIZE:	JOINTS:	TALLY:
LANDED AT: NIPPLE AT:			
NOTES:			
PUMP DETAILS			
SIZE:		TYPE:	SERIAL #:

PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER: Raining		WIND: Light		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
18-May-17, 06:00	18-May-17, 14:00	8.00	Waiting - On Weather	STANDBY
TOTAL TIME: 8.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Service Rig Manager	Omar Munoz	18-May-17, 06:00	8.00	0.00	No	0.00		0.00	Yes
Derrickhand	Oscar Arce	18-May-17, 06:00	8.00	0.00	No	0.00		0.00	Yes
Operator	Matthew McGraw	18-May-17, 06:00	8.00	0.00	No	0.00		0.00	Yes
Relief Operator	Otoniel Rodriguez Olivas	18-May-17, 06:00	8.00	0.00	No	0.00		0.00	Yes
Floorhand	German Melendez	18-May-17, 06:00	8.00	0.00	No	0.00		0.00	Yes

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	OPERATOR'S REP. SIGNATURE:  BUD HOLMAN 970-301 3897

The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto.



# ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645

Telephone (970) 284-6006



RIG/UNIT #: 356  
TOUR: Day Shift

## DAILY WORK RECORD

Ticket No: 4055460-SO4

DATE: 19-May-17, 06:00

Page: 1 of 1

COMPANY				
PDC ENERGY, INC		LOCATION: FICKEL 31-21 (CO, Station: Lasalle)		PO:
ATTENTION: ACCOUNTS PAYABLE				AFE:
BRIDGEPORT, West Virginia, USA 26330				

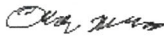

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Miscellaneous Supplies	32.00	50.00	1,600.00
CHARGES & EXPENDABLES SUB-TOTAL			1,600.00
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 1,600.00

ROD & TUBING DETAILS			
ROD DETAILS			
PULLED	SIZE:	PLAIN:	SCRAPERS: PONYS:
RAN	SIZE:	PLAIN:	SCRAPERS: PONYS:
NOTES:			
TUBING DETAILS			
PULLED	SIZE:	JOINTS:	TALLY:
RAN	SIZE:	JOINTS:	TALLY:
LANDED AT: NIPPLE AT:			
NOTES:			
PUMP DETAILS			
SIZE:		TYPE:	SERIAL #:

PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER: Raining		WIND: Light		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
19-May-17, 06:00	19-May-17, 14:00	8.00	Waiting - On Weather	STANBY
TOTAL TIME: 8.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Relief Operator	Otoniel Rodriguez Olivas	19-May-17, 06:00	8.00	0.00	No	0.00		0.00	Yes
Service Rig Manager	Omar Munoz	19-May-17, 06:00	8.00	0.00	No	0.00		0.00	Yes
Operator	Matthew McGraw	19-May-17, 06:00	8.00	0.00	No	0.00		0.00	Yes
Floorhand	German Melendez	19-May-17, 06:00	8.00	0.00	No	0.00		0.00	Yes
Derrickhand	Oscar Arce	19-May-17, 06:00	8.00	0.00	No	0.00		0.00	Yes

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto.  OPERATOR'S REP. SIGNATURE:  BUD HOLMAN 970-301 3897





# ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645

Telephone (970) 284-6006



RIG/UNIT #: 356  
TOUR: Day Shift

## DAILY WORK RECORD

Ticket No: 4055460-SO5

DATE: 22-May-17, 06:00

Page: 1 of 1

COMPANY				
PDC ENERGY, INC		LOCATION: FICKEL 31-21 (CO, Station: Lasalle)		PO:
ATTENTION: ACCOUNTS PAYABLE				AFE:
BRIDGEPORT, West Virginia, USA 26330				



CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	8.00	406.50	3,252.00
Rig Up	4.00	290.00	1,160.00
Crew Travel	2.00	220.00	440.00
Bird Bath Rental	1.00	35.00	35.00
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			4,975.00
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,975.00

ROD & TUBING DETAILS			
ROD DETAILS			
PULLED	SIZE:	PLAIN:	SCRAPERS:
RAN	SIZE:	PLAIN:	SCRAPERS:
NOTES:			
TUBING DETAILS			
PULLED	SIZE:	JOINTS:	TALLY:
RAN	SIZE:	JOINTS:	TALLY:
LANDED AT:		NIPPLE AT:	
NOTES:			
PUMP DETAILS			
SIZE:		TYPE:	SERIAL #:

PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER: Partly Cloudy		WIND: Light		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
22-May-17, 06:00	22-May-17, 20:00	14.00	Logistics - Rig Move Road Rig	CREW TRAVEL TO LOC. SAFETY METING .CHECKED PRESS .0/CNG .N/D BOP AND 3K WELL HEAD .ANSEAT 4 1/2 CNG .N/U SPOOL AND BOP .R/U W/FLOOR TBG EQUIP .CHANGE TBG EQUIP TO 4 1/2 .L/D 14 JTS OF 4 1/2 CNG .CHANGE TBG EQUIP TO 2 3/8 .TIH W/21 JTS S/N 10' SUB AND MULE SHOE .CIRCU WELL 2 HRS .R/U CEMENTERS .MIX AND PUMP 245 SXS OF CEMENT .R/D CEMENTERS .L/D 21 JTS 10'SUB S/N MULE SHOE .R/D W/FLOOR TBG EQUIP .N/D BOP AND SPOOL .TOP OFF SURF CNG .WASH EQUIP .PUT CAP ON SURF CNG .RIG DOWN .RACKED PUMP AND TANK .PUT FENCE BACK .CLEAN LOC. ROAD RIG TO NEXT LOC .SAFETY METING .REMOVED FENCE .SPOTTED EQUIP .SHUT DOWN .CREW TRAVEL HOME .
TOTAL TIME: 14.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Operator	Matthew McGraw	22-May-17, 06:00	14.00	0.00	No	0.00		0.00	Yes
Service Rig Manager	Omar Munoz	22-May-17, 06:00	14.00	0.00	No	0.00		0.00	Yes
Derrickhand	Oscar Arce	22-May-17, 06:00	14.00	0.00	No	0.00		0.00	Yes
Relief Operator	Otoniel Rodriguez Olivas	22-May-17, 06:00	14.00	0.00	No	0.00		0.00	Yes

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto. OPERATOR'S REP. SIGNATURE:  BUD HOLMAN 970-301 3897

# RANGER ENERGY SERVICES, LLC

## WIRELINE DIVISION

20661 Niobrara Blvd.  
La Salle, Colorado



Service Date:

<b>Company Name:</b> PDC		<b>Company Address:</b>		<b>Field Ticket Number:</b> 30001690
<b>Well Name:</b> FICKEL 31-21	<b>Field:</b> WATTENBERG	<b>County:</b> WELD	<b>State:</b> COLORADO	<b>Rig Name &amp; Number:</b> ENSIGN RIG 356
<b>SERVICE NOTES:</b> JCGR to 7282' / WCT CIBP set CIBP @ 7220' with 2 sx cement / WCT CIBP set 6890' with 2 sx cement / WCT CIBP set 4607' with 2 sx cement/ Jet cut 4.5" casing @ 610'			<b>Date:</b> 5/17/2017	<b>Wireline Unit #</b> 222 <b>Engineer:</b> J. MICHAEL <b>Operator:</b> S. CARPENTER <b>Operator:</b> H. KEMPER

RUN	CODE	DESCRIPTIONS	QTY	UNIT PRICE	DISCOUNT	AMOUNT
1	1000-001	Set Up Charge Cased Hole Unit	1	\$ 1,500.00		\$ 450.00
	3000-001	Packoff Operation Charge 0#-1000#	1	\$ 900.00		\$ 270.00
	2000-003	API Type 6BX, 5,000 lb. WP 13-3/8" and smaller	1	\$ 205.00		\$ 61.50
2	8000-009	Junk Catcher / Gauge Ring Depth Charge	7280	\$ 0.30		\$ 655.20
	8000-010	Junk Catcher / Gauge Ring Operation Charge	1	\$ 500.00		\$ 150.00
3	8000-001	Bridge Plug Depth Charge	7220	\$ 0.30		\$ 649.80
	8000-002	Bridge Plug Operation Charge	1	\$ 500.00		\$ 150.00
	8000-015	Setting Tool Rental, per tool	1	\$ 1,200.00		\$ 360.00
	7000-006	Dump Bailer Depth Charge	7220	\$ 0.30		\$ 649.80
	7000-007	Dump Bailer Operation Charge	1	\$ 500.00		\$ 150.00
4	8000-001	Bridge Plug Depth Charge	6890	\$ 0.30		\$ 620.10
	8000-002	Bridge Plug Operation Charge	1	\$ 500.00		\$ 150.00
	8000-015	Setting Tool Rental, per tool	1	\$ 1,200.00		\$ 360.00
5	7000-006	Dump Bailer Depth Charge	6890	\$ 0.30		\$ 620.10
	7000-007	Dump Bailer Operation Charge	1	\$ 500.00		\$ 150.00
	8000-001	Bridge Plug Depth Charge	4607	\$ 0.30		\$ 414.63
	8000-002	Bridge Plug Operation Charge	1	\$ 500.00		\$ 150.00
	8000-015	Setting Tool Rental, per tool	1	\$ 1,200.00		\$ 360.00
6	7000-006	Dump Bailer Depth Charge	4607	\$ 0.30		\$ 414.63
	7000-007	Dump Bailer Operation Charge	1	\$ 500.00		\$ 150.00
7						
	5000-011	Jet Cutter Depth Charge	3000	\$ 0.36		\$ 594.00
	5000-014	Jet Cutter Operation Charge for Casing	1	\$ 1,700.00		\$ 935.00
8	8000-014	Standard Set Power Charge	3	\$ 250.00		\$ 750.00

SUB TOTAL	\$	9,214.76
Bulk Discount	\$	-
TAX	\$	-
<b>TOTAL</b>	<b>\$</b>	<b>9,214.76</b>

API #:

Customer Signature:	Customer Name Printed:	Ranger Energy Services Representative Signature:
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The above estimated charges and data shown are subject to change by Ranger Energy Services, LLC. Payment terms are net 30 Days.





# Job Summary

Ticket Number		Ticket Date	
TN#	FL1775	5/22/2017	

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-20933
WELL NAME	RIG	JOB TYPE
Fickel 31-21	Ensign 356	Stub Plug
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NW NE 21 4N 67W	Joyner, Barlen	Bud Holman

EMPLOYEES		
	Phillips, James	
Devine, Rich		

WELL PROFILE			
Max Treating Pressure (psi):	1500	Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

## Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	10	408	608		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

## Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	8.625	24		0	408		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	10.5		608	702		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		0	702		

## CEMENT DATA

Stage 1:	From Depth (ft):	0	To Depth (ft):	702
Type: Stub Plug	Volume (sacks):	245	Volume (bbls):	50.6

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Class G+2% CaCl2	15.8	1.16	5.00

## SUMMARY

Preflushes:	2 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl):		
	bbls of				
Total Preflush/Spacer Volume (bbl):	2		Plug Bump (Y/N):	N/A	Bump Pressure (psi): N/A
Total Slurry Volume (bbl):	50.6		Lost Returns (Y/N):	N (if Y, when)	N/A
Total Fluid Pumped	52.6				
Returns to Surface:	Cement	1 bbls			

Job Notes (fluids pumped / procedures / tools / etc.):

Establish circulation, mix up 245sx @ 15.8ppg, pump cement till we see it at the surface. Wait for rig to nipple down and then top off the well.

Thank You For Using

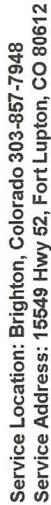
O - TEX Pumping

Customer Representative Signature:



[illegible]





**TN#** FL1775

5/22/2017

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**Job Type:**

### Stub Plug

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**PDC Energy, Inc.**

PO BOX 26  
Attm: Accounts Payable

**County:**

**Bridgeport**

**State:**

WV 26330  
Bud Holman

# API #  
# AEE #

Joyner, Barlen

Service Supervisor:

Pump #1	
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86500VA  
PA0050886500VA  
PA0050886500VA  
PA00508[illegible]

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

**Customer Authorized Agent:**





# 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 37900

Date

5/22/2017

Bill To Customer:		PDC	PO#	Lease Name		FJCKEL	Well #:	31-21
Address:		3801 Carson Ave		County:		CO	Invoice Ref. #:	
City:		Evans		Field:		Dj Basin	Rig:	
State:		CO	Zip: 80620	Directions:		P&A	356 ENSIGN	
Ordered By:		BUD HOMAN	CR 19/CR44W2/10 S INTO	Casing Sz & Wt:		4 1/2		
				Service Man		ABEL ALVAREZ		
NO.	RENTALS/SALES			QTY	PRICE		DSC	TOTAL
1	RENTAL OF 4-1/2 PIPE RAMS			1	75.00		0%	75.00
2	RENTAL OF 4-1/2 8RD PIN X 2-23/8 EUE BOX			1	125.00		55%	56.25
3	RENTAL OF 4-1/2 6PUP JOINT			1	150.00		55%	67.50
4	RENTAL OF 10-3/4 X 3K SPOOL			1	425.00		55%	191.25
5	RENTAL OF 4- 1/2 ELEVATOR			1	505.00		55%	227.25
6	RENTAL OF 4-1/2 AIR SLIPS			1	465.00		55%	209.25
7	RENTAL OF TONG DIES 4-1/2			1	175.00		0%	175.00
8	RENTAL OF 3-1/2 OD SLEEVE			1	150.00		0%	150.00
9	RENTAL OF 2-3/8"EUE X 5K TIW SAFETY VALVE			2	55.00		55%	49.50
10								0.00
11								0.00
12								0.00
13	SALE OFF C.I.B.P SET @7224,2ND SET @6890 AND THE 3RD SET @4600			3	612.00		0%	1,836.00
14								0.00
				Subtotal Taxable Charges				\$3,037.00
				SERVICE MANS TIME				
								\$0.00
								0.00
								0.00
								0.00
				Subtotal Non-Taxable Charges				\$0.00
				MILEAGE				
				MILEAGE		40	\$2.00	\$80.00
								0.00
								0.00
								0.00
				Subtotal Non-Taxable Charges				\$80.00
				Terms: Net 30 Days				
				Subtotal Non-Taxable Charges				\$3,117.00
				Total Service & Material:				\$88.07
				Tax:				\$3,205.07
				TOTAL CHARGES:				

Authorized Agent:

Bud H

Date:

5-23-17

RMOR Employee: