



ENSIGN WELL SERVICES

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



RIG/UNIT #: 354
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4043512-SO3

DATE: 16-Apr-18, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: Green 32-24 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	10.00	406.50	4,065.00
Rig Up	1.00	290.00	290.00
Crew Travel	2.00	193.60	387.20
Bird Bath Rental	1.00	30.80	30.80
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			4,861.00
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,861.00
CUSTOMER STAMP			

ROD & TUBING DETAILS					
ROD DETAILS					
<input type="checkbox"/> PULLED	SIZE:	PLAIN:	SCRAPERS:	PONYS:	
<input type="checkbox"/> RAN	SIZE:	PLAIN:	SCRAPERS:	PONYS:	
NOTES:					
TUBING DETAILS					
<input type="checkbox"/> PULLED	SIZE:	JOINTS:	TALLY:		
<input type="checkbox"/> 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: Sunny		WIND: Calm		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
16-Apr-18, 06:00	16-Apr-18, 19:00	13.00	BOP - Nipple Up/Down - BOPE & Wellhead	Crew traveled to loc crew held safety meeting check press 0/0 open to work tank function test BOP test good R/D work floor tbq equip N/D BOP 8 5/8 spool land 4 1/2" csg in slips N/U 3K wellhead BOP R/U work floor tbq equip MIRU wireline RIH squeeze gun shoot top holes @ 1600' RIH CICR set @ 1620' R/D wireline TITH w/ CICR stinger 5'jnts 2 3/8" tbq R/U tbq swivel on 2x10' subs circ down sting into CICR press test 1300 test good circ 10min R/D tbq swivel MIRU cementers held safety meeting pump 10bbl sapp sweep followed by 35bbl fresh water spacer mix/pump 155sxs g w/ 2% CaCl displaced 4.2bbl R/D cementers TOTL 12jnts to derrick L/D 39jnts to trailer MIRU wireline RIH jet cutter cut csg @ 750' R/D wireline R/D work floor tbq equip N/D BOP wellhead remove 8 5/8 cap/packing P/U 4 1/2" lift sub unland csg from slips N/U 8 5/8 spool BOP R/U work floor csg equip L/D 18jnts 4 1/2" csg switch equip to 2 3/8" TITH w/ 27jnts 2 3/8"tbq to 850' R/U Kelly circ well 20 min circ good R/D Kelly R/U cementers mix/pump 271sxs from 850' to surf R/D cementers L/D 27jnts to trailer R/D work floor tbq equip N/D BOP 8 5/8 spool top off w/ 5sxs to surface wash up lines/equip installed 8 5/8 cap tapped bull plug needle valve R/D rig R/D pump/tank prep rig/equip for rig move crew cleaned loc drained pump/lines crew traveled home
TOTAL TIME: 13.00 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	Matthew McGraw	16-Apr-18, 06:00	13.00	0.00	No	0.00		0.00	Yes
Operator	Ever Valverde	16-Apr-18, 06:00	13.00	0.00	No	0.00		0.00	Yes
Floorhand	Jeffrey Garcia	16-Apr-18, 06:00	13.00	0.00	No	0.00		0.00	Yes
Relief Operator	Jorge Acosta	16-Apr-18, 06:00	13.00	0.00	No	0.00		0.00	Yes
Floorhand	Juan Serrano Romero	16-Apr-18, 06:00	13.00	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 #: 354
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4043512-SO2

DATE: 13-Apr-18, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: Green 32-24 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	9.00	406.50	3,658.50
Crew Travel	3.00	193.60	580.80
Bird Bath Rental	1.00	30.80	30.80
Pump/Tank and Hardline	1.00	65.00	65.00
CHARGES & EXPENDABLES SUB-TOTAL			4,335.10
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,335.10
CUSTOMER STAMP			

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: High		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
13-Apr-18, 06:00	13-Apr-18, 18:00	12.00	WO - Slick/Wireline Operations	Crew traveled to loc crew held safety meeting check press 0/0 open to work tank function test BOP test good work csg can not get free past 1543' MIRU wireline RIH CBL log from 1900'-surf thick mud 1600'-1300' R/D wireline shut in well crew cleaned loc crew traveled 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
Service Rig Manager	Matthew McGraw	13-Apr-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Operator	Ever Valverde	13-Apr-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	Jeffrey Garcia	13-Apr-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Relief Operator	Jorge Acosta	13-Apr-18, 06:00	12.00	0.00	No	0.00		0.00	Yes
Floorhand	Juan Serrano Romero	13-Apr-18, 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 #: 354
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4043512-SO1

DATE: 12-Apr-18, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC ATTENTION: ACCOUNTS PAYABLE BRIDGEPORT, West Virginia, USA 26330	LOCATION: Green 32-24 (CO, Station: Lasalle)	PO: AFE:

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	11.50	406.50	4,674.75
Rig Up	1.00	290.00	290.00
Crew Travel	2.00	193.60	387.20
Bird Bath Rental	1.00	30.80	30.80
Tubing Wiper Rubber	1.00	48.00	48.00
CHARGES & EXPENDABLES SUB-TOTAL			5,430.75
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 5,430.75

CUSTOMER STAMP

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: Sunny		WIND: Light		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
12-Apr-18, 06:00	12-Apr-18, 20:30	14.50	BOP - Nipple Up/Down - BOPE & Wellhead	Crew traveled to loc crew held safety meeting move rig/equip onto next loc spot in rig/equip R/U rig R/U pump/tank check press 600/600/0 bleed off to work tank circ well w/ 125bbl circ 1hr clean function test BOP test good N/D well lubricator, master valve remove 3K cap N/U 3K flange N/U BOP R/U work floor tbg equip unland tbg from well head L/D 12' & 10' subs TOH 62jnts 2 3/8tbg to derrick L/D 166jnts to trailer keeping hole loaded MIRU wireline RIH gauge ring to 7175' RIH CIBP #1 set @ 7149' dump 2sxs RIH CIBP #2 set @ 6844' dump 2sxs press test plug/csg to 1000psi test good RIH jet cutter cut csg @ 1900' R/D wireline R/D work floor tbg equip N/D BOP wellhead remove 8 5/8 cap packing P/U 4 1/2" lift sub unland csg from slips N/U 8 5/8 spool BOP R/U work floor csg equip shut in well crew cleaned loc crew traveled home
TOTAL TIME: 14.50 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	Matthew McGraw	12-Apr-18, 06:00	14.50	0.00	No	0.00		0.00	Yes
Operator	Ever Valverde	12-Apr-18, 06:00	14.50	0.00	No	0.00		0.00	Yes
Floorhand	Jeffrey Garcia	12-Apr-18, 06:00	14.50	0.00	No	0.00		0.00	Yes
Relief Operator	Jorge Acosta	12-Apr-18, 06:00	14.50	0.00	No	0.00		0.00	Yes
Floorhand	Juan Serrano Romero	12-Apr-18, 06:00	14.50	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.



Job Summary

Ticket Number

TN#

FL3561

Ticket Date

4/16/2018

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	Sec. 24
WELL NAME	RIG	JOB TYPE
Green 32-24	Ensign 354	Balanced Plugs
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
SW/NE	Kopp, Jeff	Bud Holman

EMPLOYEES		
C, Francisco		
H, Anthony		
A, Aden		

WELL PROFILE			
Max Treating Pressure (psi):	1000	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	1900	1600		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	10	750	0		

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7	J-55	1620	0	850	0
Production	4.5	10.5	P-110	1900	0	750	0
Surface	8.625	24		545	0		

CEMENT DATA

Stage 1:	From Depth (ft):	1900	To Depth (ft):	1600
Type: Plug 1	Volume (sacks):	155	Volume (bbls):	32
Cement & Additives:				
100% Class G+2% CaCl2				
	Density (ppg)	15.8	Yield (ft ³ /sk)	1.16
	Water Req.			5.00

Stage 2:	From Depth (ft):	850	To Depth (ft):	0
Type: Plug 2	Volume (sacks):	276	Volume (bbls):	57
Cement & Additives:				
100% Class G+2% CaCl2				
	Density (ppg)	15.8	Yield (ft ³ /sk)	1.16
	Water Req.			5.00

SUMMARY

Preflushes:	10 bbls of SAPP	Calculated Displacement (bbl):	6.2	Stage 1	Stage 2
	35 bbls of Fresh Water	Actual Displacement (bbl):	4.2		
	_____ bbls of _____	Plug Bump (Y/N):	N/A	Bump Pressure (psi):	N/A
Total Preflush/Spacer Volume (bbl):	45	Lost Returns (Y/N):	N	(if Y, when)	
Total Slurry Volume (bbl):	89				
Total Fluid Pumped	138.2				
Returns to Surface:	Cement 1 bbls				

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

Job pumped per customers request. Retainer set @ 1,620ft. Took 5sxs to top well off.

Thank You For Using
O-TEX Cementing

Customer Representative Signature: _____



Service Location: Brighton, Colorado 303-857-7948
 Service Address: 821 County Road 27, Brighton, CO 80603

FIELD RECEIPT

TN # FL3561

Service Date: 4/16/2018
 Customer: PDC Energy, Inc.
 Address: PO Box 26
 Attn: Accounts Payable
 City: Bridgeport
 St: WV 26330
 Customer Rep: Bud Holman

Well Name: Green 32-24
 County: Weld
 State: CO
 API #: Sec. 24
 AFE #

Job Type: Balanced Plugs
 Service Supervisor: Kopp, Jeff
 Pump #1: 445046
 Pump #2:

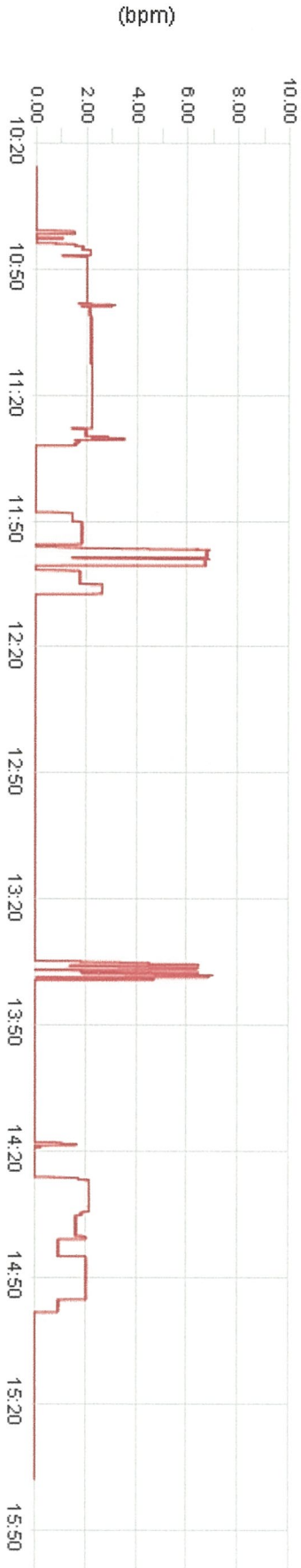
REF #	Description	unit of measure	unit price	quan
CM006	O-Tex Ultra Premium Cement (94lbs/ft3)	94SACK	\$ 38.20	440
CP018	Calcium Chloride	LBS	\$ 1.22	828
CT003	Pump Charge 2001-3000'	4-HRS	\$ 3,626.37	1
JM001	Data Acquisition System	JOB	\$ 1,437.48	1
AE014	Environmental Fee*	JOB	\$ 228.69	1
ML001	Pickup Mileage	UNTMIL	\$ 4.26	50
ML002	Pump Truck/Heavy Vehicle Mileage	UNTMIL	\$ 7.32	50
ML003	Bulk Cement Delivery/Return	MILE	\$ 2.95	1,385
MX001	Bulk Material Mixing Service Charge	SCF	\$ 3.27	597
CC015	Pump Charge Additional Hours	UNTHRS	\$ 588.06	3
AE012	Bulk Unit Additional Hours	UNTHRS	\$ 130.68	6
CP009	CF-41 (Foam Preventer)	GAL	\$ 86.06	3
CP031	Sugar	LBS	\$ 3.39	50
CP022	SAPP (MFC35)	LBS	\$ 13.82	100

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.
 Customer Authorized Agent: _____

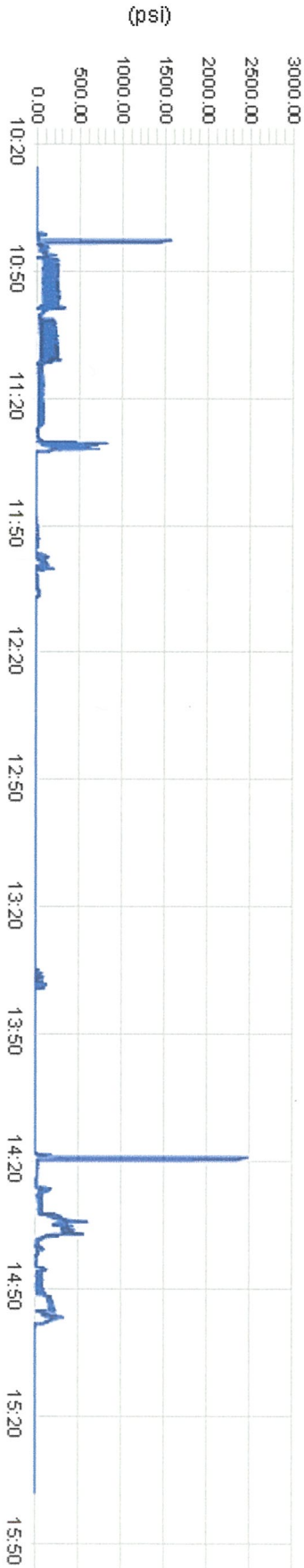
DISCLAIMER OF LIABILITY: With respect to this report, neither C&J Energy Services nor any of their employees, express or implied, including the warranties of merchantability and fitness for a particular purpose, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights.

Client	PDC Energy	Supervisor	Jeff Kopp
Ticket No.	3561	Unit No.	445046
Location	SWNE	Service District	Brighton Co
Comments		Job Date	04/16/2018
		Client Rep	Bud Holman
		Well Name	Green 32-24
		Job Type	Abandonment Plugs

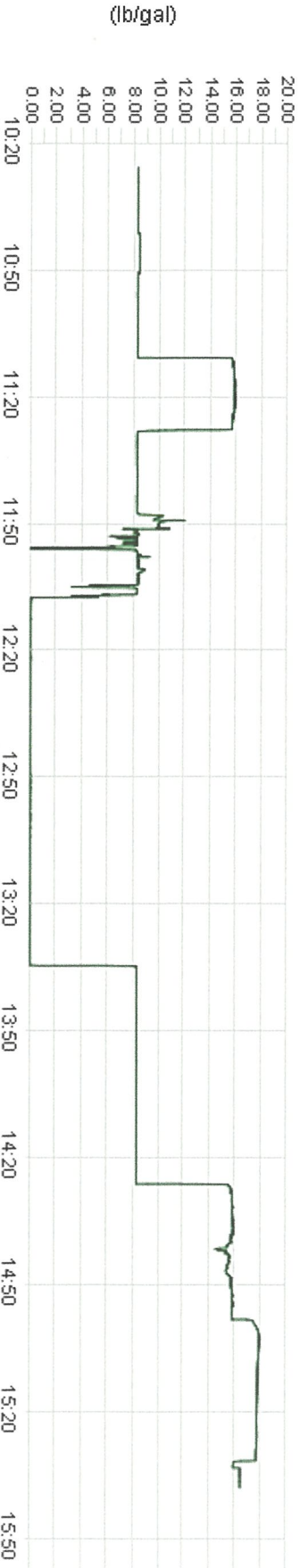
Unit 445046 Rate Total



Unit 445046 Pump Pressure



Unit 445046 Density



CASEDHOLE SOLUTIONS



Rev.032718 A	CUSTOMER P. O. NUMBER	SERVICE ORDER F1540	PAGE 1 of 1
* Service charges include a daily per diem of \$30.00/employee and a daily catering charge (when provided by Casedhole Solutions) of \$25.00/employee.			DATE 04/13/2018
To CASEDHOLE SOLUTIONS, INC You are hereby requested to perform or attempt to perform the following service(s) or furnish the following equipment:			

SERVICE(S) AND/OR EQUIPMENT REQUESTED

CUSTOMER	COMPANY	PDC ENERGY		
FURNISHED	LEASE	Green	WELL NUMBER	32-24
LEASE/WELL	LEGAL & LOCATION	05-123-22850		
INFORMATION	FIELD	Wattenberg	PARISH/COUNTY	Weld
			STATE	Colorado

THE UNDERSIGNED, HEREINAFTER REFERRED TO AS CUSTOMER AGREES TO PAY YOU FOR THE ABOVE SPECIFIED SERVICE(S) (INCLUDING LEASED EQUIPMENT) AND ANY ADDITIONAL SERVICE(S) REQUESTED, AT THE FIELD OFFICE OF CASEDHOLE SOLUTIONS, INC. IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF YOUR CURRENT PRICE SCHEDULE.

IN CONSIDERATION OF THE PRICES AS ARE SET OUT IN YOUR CURRENT APPLICABLE PRICE SCHEDULE WE CHOOSE TO BE BOUND BY THE TERMS AND CONDITIONS SET OUT IN THE CURRENT PRICE SCHEDULE (ALSO PRINTED ON THE REVERSE SIDE HEREOF), INCLUDING THE ASSUMPTION BY US OF THE LIABILITIES AND RESPONSIBILITIES CONTAINED IN THE RESPONSIBILITIES HEREIN ASSUMED BY US.

WHEN SIGNED BY AN AGENT ON BEHALF OF CUSTOMER, SAID AGENT REPRESENTS THAT HE HAS FULL AUTHORITY FROM HIS PRINCIPAL TO EXECUTE SAME, IN THE ABSENCE OF AUTHORITY, THE SIGNER AGREES THAT HE SHALL BE OBLIGATED HEREUNDER AS CUSTOMER.

CUSTOMER NAME	PDC ENERGY		
INVOICE MAILING ADDRESS	CITY	STATE	ZIP CODE

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE X	Thank you for using Casedhole Solutions!!	Total runs, all pages	4
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THE ESTIMATED CHARGES AND DATA SHOWN ARE SUBJECT TO CORRECTION BY CASEDHOLE SOLUTIONS, INC. ACCOUNTING

UNIT NUMBER 92-3856	OPERATION TYPE: DAYLIGHT	WELL TYPE: WORKOVER	ROUND TRIP MILEAGE
TRIP: FIRST	HOISTING TYPE: WORKOVER RIG	BOTTOM HOLE PRESSURE: PSI	

Desc. NO.	PERF. INTERVAL	PLUG DEPTH	OPERATION	ITEM	QUAN.	UNIT PRICE	DISC.	DISC. PRICE	AMOUNT	SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.
1			P - Packoff	each	1					Plug			
2	CBL - 1900'		P - Cement Bond Log (2000' - Surface)	each	1					Perf			
3	1600'		P - Squeeze Gun - 1st Gun	each	1								
4		1620'	P - Plug or Retainer - setting (3rd party)	each	1								
5	Cut - 750'		P - Jet Cutters (all)	each	1								

WIRELINE DEPTH MAX. WELLHEAD PRESSURE PSI STANDARD PRICING TO	ESTIMATED TOTAL C
Runs for this job made in April were 4	6 Shot Gun .59" Entry Hole 4.7" Penetration

NO. DESC.	NO. SHOTS FIRED	NO. SEL SWITCHES	SEL SW FAILURES
0	0	0	0
ES. EQ. USE	% H2S/ACID	PHASE	SFF
10K		0	0

Was catering provided by Casedhole Solutions?
NO

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE X	LOGS RECEIVED AT WELL	CUST. INITIALS	SIGNATURE OF CASEDHOLE SOLUTIONS ENGINEER
Holman			Meisner, Jacob

CASING/TUBING RECORD		PERM. DEPTH DATUM		GROUND LEVEL		ELEV.	ELEV K.B.
SIZE	WEIGHT	TYPE	FROM	TO	LOG MEAS. FROM	WHICH IS	ABOVE PERM DATUM
4 1/2		Casing 1					D.F. G.L.
		Casing 2			Fluid Type	Fluid Weight	Fluid Level
		Tubing			Water	8.345 lbs/gal	feet
		Liner			REMARKS		
		Drill Pipe			District doing job: Fort Lupton, CO		
Casedhole Engineer NAMES				WORK WITNESSED BY NAME			
Meisner, Jacob		Crew 1	Holman		Class: Vert. Domestic		
		Crew 2	District job is in: Fort Lupton, CO			AFE#:	
		Crew 3				Engineer:	
		Crew 4				MSA#:	
		Crew 5					
		Crew 6					

CASEDHOLE SOLUTIONS



Rev.032718 A	CUSTOMER P. O. NUMBER	SERVICE ORDER F1538	PAGE 1 of 1
* Service charges include a daily per diem of \$30.00/employee and a daily catering charge (when provided by Casedhole Solutions) of \$25.00/employee.			DATE 04/12/2018
To CASEDHOLE SOLUTIONS, INC You are hereby requested to perform or attempt to perform the following service(s) or furnish the following equipment:			

SERVICE(S) AND/OR EQUIPMENT REQUESTED

CUSTOMER	COMPANY	PDC ENERGY		
FURNISHED	LEASE	Green	WELL NUMBER	32-24
LEASE/WELL	LEGAL & LOCATION	05-123-22850		
INFORMATION	FIELD	Wattenberg	PARISH/COUNTY	Weld
			STATE	Colorado

THE UNDERSIGNED, HEREINAFTER REFERRED TO AS CUSTOMER AGREES TO PAY YOU FOR THE ABOVE SPECIFIED SERVICE(S) (INCLUDING LEASED EQUIPMENT) AND ANY ADDITIONAL SERVICE(S) REQUESTED, AT THE FIELD OFFICE OF CASEDHOLE SOLUTIONS, INC. IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF YOUR CURRENT PRICE SCHEDULE.
 IN CONSIDERATION OF THE PRICES AS ARE SET OUT IN YOUR CURRENT APPLICABLE PRICE SCHEDULE WE CHOOSE TO BE BOUND BY THE TERMS AND CONDITIONS SET OUT IN THE CURRENT PRICE SCHEDULE (ALSO PRINTED ON THE REVERSE SIDE HEREOF), INCLUDING THE ASSUMPTION BY US OF THE LIABILITIES AND RESPONSIBILITIES CONTAINED IN THE RESPONSIBILITIES HEREIN ASSUMED BY US.
 WHEN SIGNED BY AN AGENT ON BEHALF OF CUSTOMER, SAID AGENT REPRESENTS THAT HE HAS FULL AUTHORITY FROM HIS PRINCIPAL TO EXECUTE SAME, IN THE ABSENCE OF AUTHORITY, THE SIGNER AGREES THAT HE SHALL BE OBLIGATED HEREUNDER AS CUSTOMER.

CUSTOMER NAME **PDC ENERGY**

INVOICE MAILING ADDRESS _____ CITY _____ STATE _____ ZIP CODE _____

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE
X Thank you for using Casedhole Solutions!! Total runs, all pages **6**

THE ESTIMATED CHARGES AND DATA SHOWN ARE SUBJECT TO CORRECTION BY CASEDHOLE SOLUTIONS, INC. ACCOUNTING

UNIT NUMBER **92-3856** OPERATION TYPE: DAYLIGHT WELL TYPE: WORKOVER ROUND TRIP MILEAGE _____
 TRIP: FIRST HOISTING TYPE: WORKOVER RIG

WIRELINE DEPTH _____ MAX. WELLHEAD PRESSURE _____ PSI BOTTOM HOLE PRESSURE: _____ PSI

Desc. NO.	PERF. INTERVAL	PLUG DEPTH	OPERATION	ITEM	QUAN.	UNIT PRICE	DISC.	DISC. PRICE	AMOUNT	SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.
1			P - Packoff	each	1					Plug			
2	No Tag 7150'		P - Gauge Ring or Depth Determination	per run	1					Perf			
3		7149'	P - Plug or Retainer - setting (3rd party)	each	1								
4		7149'	P - Dump Bailer w/ 2sx Cement	per run	1								
5		6844'	P - Plug or Retainer - setting (3rd party)	each	1								
6		6844'	P - Dump Bailer w/ 2sx Cement		1								
7	Cut - 1900'		P - Jet Cutters (all)		1								

STANDARD PRICING TO _____ TOTAL D _____

ESTIMATED TOTAL O _____

Runs for this job made in April were 6

NO. DESC.	NO. SHOTS FIRED	NO. SEL SWITCHES	SEL. SW. FAILURES
0	0	0	0
ES. EQ. USE	% H2S/ACID	PHASE	SPF
10K		0	0

Was catering provided by Casedhole Solutions?
 YES NO

THE SERVICE(S) AND/OR EQUIPMENT COVERED BY THIS SERVICE ORDER HAVE BEEN PERFORMED OR RECEIVED AS SET FORTH ABOVE

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE **X** **Holman** LOGS RECEIVED AT WELL _____ CUST. INITIALS _____ SIGNATURE OF CASEDHOLE SOLUTIONS ENGINEER **Meisner, Jacob**

CASING/TUBING RECORD

SIZE	WEIGHT	TYPE	FROM	TO	PERM. DEPTH DATUM	GROUND LEVEL	ELEV.	ELEV. K.B.
4 1/2		Casing 1						
		Casing 2						
		Tubing						
		Liner						
		Drill Pipe						

Fluid Type	Fluid Weight	Fluid Level	REMARKS
Water	8.345 lbs/gal	feet	
Bottom Hole Temperature			District doing job: Fort Lupton, CO
Degrees F			Line of Business: Completions
			Type of Job:
			Class: Vert. Domestic
			District job is in: Fort Lupton, CO

CASEDHOLE ENGINEER NAMES	WORK WITNESSED BY NAME	AFE#:	Engineer:	MSA#:
Meisner, Jacob	Holman			
Crew 1				
Crew 2				
Crew 3				
Crew 4				
Crew 5				
Crew 6				



Field Ticket #
21710
Date

No. 21710
4/16/2018

Sater Tools and Services LLC, 2424 6th Ave, Greeley Co 80631 Office 970-356-4644 Fax 970-356-0185

Bill To Customer:	P D C	PO#	Lease Name:	Green	Well #:	32-24
Address:	3801 Carson Ave	Field:	County:	CO	Invoice Ref. #:	
City:	Evans	Legal Description:	Job Type:		OCSG #:	
State:	CO	Zip:	Casing Sz & Wt:	4-1/2 11.6#		
Ordered By:	Bud Holman		Service Man:	MERCED TERRAZAS		

NO.	RENTALS/SALES	QTY	PRICE	DISC	TOTAL
1	Sale of 4-1/2 cement retainer	1			
2	Rental of tubing set mechanical retainer	1			
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
Subtotal Taxable Charges					
SERVICEMANS TIME					
	Service mans time	1			
Subtotal Non-Taxable Charges					
MILEAGE					
	Mileage	30			
Subtotal Non-Taxable Charges					

Terms: Net 30 Days

\$
Authorized Agent:

Date:

WALTER CORPORATION

Walter Corporation, LLC 33250 CR 53 Gill, CO 80624

Office: 970.301.2028

Fax: 970.284.6682

Field Ticket #
21711
Date

No 21711

4/16/2018

Bill To Customer:	P D C	PO#	Green	Well #	32-24
Address:	3801 Carson Ave	Field:	CO	Invoice \	
City:	Evans	Legal Description:		OCSG #:	
State:	CO	Zip:	80620		
Ordered By:	Bud Holman				

NO.	RENTALS/SALES	QTY	PRICE	DSC	TOTAL
1	Sale of 4-1/2 D & H CIBP	2			
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
SERVICE MANS TIME					
Subtotal Taxable Charges					
MILEAGE					
Subtotal Non-Taxable Charges					
Subtotal Non-Taxable Charges					
Terms: Net 30 Days					



Authorized Agent: _____

Date: _____