

# CASEDHOLE SOLUTIONS



Rev.121316 A	CUSTOMER P. O. NUMBER	SERVICE ORDER F-2017	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 01/24/2017
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, Inc.			
FURNISHED	LEASE	Kerbs	WELL NUMBER	44-15	
LEASE/WELL	LEGAL & LOCATION	0			
INFORMATION	FIELD	0	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 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, Inc.		
INVOICE MAILING ADDRESS	CITY	STATE	ZIP CODE

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE	Thank you for using Casedhole Solutions!!	Total runs, all pages	0
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THE ESTIMATED CHARGES AND DATA SHOWN ARE SUBJECT TO CORRECTION BY CASEDHOLE SOLUTIONS, INC. ACCOUNTING

UNIT NUMBER 92-2338	OPERATION TYPE:	WELL TYPE:	ROUND TRIP MILEAGE
TRIP:	HOISTING TYPE:		

WIRELINE DEPTH	MAX. WELLHEAD PRESSURE	PSI	BOTTOM HOLE PRESSURE:	PSI
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Desc. NO.	PERF. INTERVAL	PLUG DEPTH	OPERATION	ITEM	QUAN.	UNIT PRICE	DISC	DISC. PRICE	AMOUNT	SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.
1		6857	P - Plug or Retainer - setting (3rd party)	each	1					Plug			
		2 sx	P - Dump Bailer	per run	1					Perf			
						</							





# Daily Completion Operations

Date: 1/24/2017  
Report #: 2.0

Well Name: Kerbs 44-15

Well Name Kerbs 44-15	Operator PDC Energy Inc.	API 05123219610000	Well Number 105.004047	Last Mod By bholman
District Evans	Field Name Wattenberg	County Weld	State CO	
Well Type Development	Surface Legal Location SESE 15 6N 64W	Spud Date 2/12/2004	Original KB Elevation (ft) 4,745.00	Ground Elevation (ft) 4,735.00 KB-Ground Distance (ft) 10.00

Daily Operation: 1/24/2017 06:00 - 1/24/2017 18:00

AFE Number WBINOBLE	Job Category Completion/Workover	Objective SET CIBP W/2 SKS AHEAD OF NOBLE HORIZONTAL FRAC	Start Date 1/23/2017	End Date	Primary Job Type Wellbore Integrity	Secondary Job Type
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## Rigs

Contractor Ensign	Rig Number 356
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## Daily Operations

Report Start Date 1/24/2017	Report End Date 1/24/2017	Daily Field Est Total (Cost) 12,463.93	Cum Field Est To Date (Cost) 21,491.43
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Status at Reporting Time

## Operations Summary

CREW TO LOCATION. HELD SAFETY MEETING. 0 PRESSURES. MIRU PICK TESTERS. PU RMOR 3-7/8" BLADE BIT, 4-1/2" CASING SCRAPER, SN AND TESTED IN HOLE FROM DERRICK TO 6000 PSI (6875') WITH 220 JNTS. ALL TBNG TESTED GOOD. RDMO TESTER. LD 4 JNTS. POOH TO DERRICK WITH 216 JNTS. LD BIT AND SCRAPER. MIRU Cased Hole Wireline. RIH WITH RMOR/WYOMING COMPLETIONS 10K CIBP. CORRELATED WITH LOGS, GOT ON DEPTH AND SET PLUG AT 6857'. POOH. RIH WITH DUMP BAILER AND SPOT 2 SKS OF CEMENT ON TOP OF CIBP. POOH. RDMO Wireline. RIH WITH 3-7/8" CONE BIT, RMOR P/O BIT SUB WITH FLOAT, SEAT NIPPLE AND 217 JNTS TO 6781". ROLLED HOLE CLEAN. TEST CASING AND PLUG TO 2000 PSI. HELD GOOD. BLEED OFF PRESSURE. LD 10 JNTS. LAND TBNG IN WELLHEAD AT 6482.04' KB WITH 207 JNTS. BROACHED TBNG TO SN WITH 1.901" BROACH. ND BOPS. NU 5K TOP FLANGE AND INSTALLED 5K VALVES ON WELLHEAD AND PLUMBED UP SURFACE CASING VALVE. SECURED WELL. RDMO. CREW TO YARD

Operations Next Report Period

FINAL REPORT

Weather	Temperature (°F)	Hole Condition	Road Condition
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## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Code Des	Com
06:00	06:30	0.50	0.50	TRAV	Travel - To Location	
06:30	07:00	0.50	1.00	SMTG	Safety Meeting	
07:00	12:00	5.00	6.00	RTRIP	Tripping	TEST IN SCRAPER, POOH
12:00	13:30	1.50	7.50	EWLO	Other	SET CIBP W/2 SKS
13:30	15:00	1.50	9.00	RUTB	Run Tubing	RUN P/O BIT SUB AND BIT
15:00	16:00	1.00	10.00	PTST	Pressure Test	ROLLED HOLE, TEST CASING AND PLUG, GOOD
16:00	16:30	0.50	10.50	BOPR	Remove BOP's	ND BOPS, NU WELLHEAD. INSTALLED 5K VALVES
16:30	17:00	0.50	11.00	LOCL	Lock Wellhead & Secure	SECURED WELL
17:00	17:30	0.50	11.50	SRIG	Rig Up/Down	
17:30	18:00	0.50	12.00	TRAV	Travel - From Location	