

G* Casedhole
Solutions

Rev.121316 A	CUSTOMER P. O. NUMBER	SERVICE ORDER F1021	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
To CASEDHOLE SOLUTIONS, INC You are hereby requested to perform or attempt to perform the following service(s) or furnish the following equipment:			01/19/2017

SERVICE(S) AND/OR EQUIPMENT REQUESTED

CUSTOMER FURNISHED LEASE/WELL INFORMATION	COMPANY	PDC Energy, Inc.				
	LEASE	Kerbs	WELL NUMBER	33-15		
	LEGAL & LOCATION	0				
	FIELD	Wattenberg	PARISH/COUNTY	Weld	STATE	CO

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, Inc.			
INVOICE MAILING ADDRESS	CITY	STATE	ZIP CODE

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

X	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 CASEHOLE SOLUTIONS, INC. ACCOUNTING

UNIT NUMBER 92-3856	OPERATION TYPE: 24 - HOUR	WELL TYPE: WORKOVER	ROUND TRIP MILEAGE
	TRIP: FIRST	HOISTING TYPE: WORKOVER RIG	

WIRELINE DEPTH	MAX. WELLHEAD PRESSURE	PSI	BOTTOM HOLE PRESSURE:	PSI
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[illegible]

			STANDARD PRICING		0	12	0	0
			TOTAL OF BOOK PRICE		RES. EQ. USE	% FZS/ACID	PFRASE	SPP
Runs for this job made in January were 0			TOTAL DISCOUNT		10K		60	4
			TOTAL DISCOUNT PERCENTAGE					
			ESTIMATED TOTAL CHARGE PAGE 1					

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

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		LOGS RECEIVED AT WELL	CUST. INITIALS
 Bud Holman			SIGNATURE OF CASEHOLE SOLUTIONS ENGINEER  Meisner, Jacob



Daily Completion Operations

Date: 1/19/2017

Report #: 2.0

Well Name: Kerbs 33-15

Well Name Kerbs 33-15	Operator PDC Energy Inc.	API 05123217310000	Well Number 105.004017	Last Mod By BHolman
District Evans	Field Name Wattenberg	County Weld	State CO	
Well Type Development	Surface Legal Location NWSE 15 6N 64W	Spud Date 1/16/2004	Original KB Elevation (ft) 4,780.00	Ground Elevation (ft) 4,770.00
				KB-Ground Distance (ft) 10.00

Daily Operation: 1/19/2017 06:00 - 1/19/2017 15:30

AFE Number WBINOBLE	Job Category Completion/Workover	Objective WBI ahead of Noble Horizontal Fracs	Start Date 1/18/2017	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 1/19/2017	Report End Date 1/19/2017	Daily Field Est Total (Cost) 11,147.25	Cum Field Est To Date (Cost) 18,929.68
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Status at Reporting Time
SHUT IN

Operations Summary

CREW TO LOCATION. 0 PRESSURES. HELD SAFETY MEETING. OPENED WELL TO RIG TANK. CONTINUED POOH TO DERRICK WITH TBNG. LD BIT AND SCRAPER. MIRU CASED HOLE WIRELINE. RIH WITH RMOR/WYOMING COMPLETIONS 4.5" 10K CIBP. CORRELATED WITH LOGS. GOT ON DEPTH AND SET CIBP AT 6889'. POOH. RIH WITH DUMP BAILER AND SPOT 2 SKS OF CEMENT ON TOP OF CIBP. POOH. RDMO WIRELINE. RIH WITH RMOR 3-7/8" CONE BIT, P/O BIT SUB, SEAT NIPPLE AND 218 JNTS OF TBNG TO 6827'. ROLLED HOLE CLEAN. TEST CASING AND PLUG TO 2000 PSI. HELD GOOD. BLEED OFF PRESSURE. LD 10 JNTS. LAND TBNG IN WELLHEAD AT 6518.10' KB WITH 208 JNTS. BROACHED TBNG TO SN WITH 1.901" BROACH. ND BOPS. NU 5K TOP FLANGE. REPLACED 5K VALVES ON WELLHEAD AND PLUMBED UP SURFACE CASING VALVE. SECURED WELL. RDMO

10.00' kb
6505.00' 208 jnts 2-3/8" 4.7# j-55 8rd eue tbng
1.10' seat nipple
2.00' P/O bit syb w/ float and 3-7/8" cone bit RMOR
6518.10' kb

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	08:00	1.00	2.00	PULT	Pull Tubing	POOH, LD SCRAPER
08:00	09:30	1.50	3.50	EWLO	Other	SET CIBP W/2 SKS
09:30	11:30	2.00	5.50	RUTB	Run Tubing	RUN BIT W/ P/O SUB AND FLOAT
11:30	12:30	1.00	6.50	PTST	Pressure Test	TEST CASING TO 2000 PSI GOOD
12:30	13:30	1.00	7.50	BOPR	Remove BOP's	ND BOPS, NU WELLHEAD
13:30	14:00	0.50	8.00	LOCL	Lock Wellhead & Secure	
14:00	15:00	1.00	9.00	SRIG	Rig Up/Down	
15:00	15:30	0.50	9.50	TRAV	Travel - From Location	