

RIG/UNIT #: 339
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 2871189-SO2

DATE: 19-Jan-17, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: CHRISTIANSEN 31-33 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	11.50		
Crew Travel	1.00		
Labor - Floor	12.50		
Bird Bath Rental	1.00		
Washington Circulating Head	1.00		
Tubing Wiper Rubber	1.00		
Thread Dope	1.00		
CHARGES & EXPENDABLES SUB-TOTAL			
FIELD ESTIMATE (TAX NOT INCLUDED)			

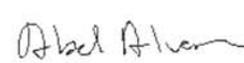
CUSTOMER STAMP

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: Calm		TEMP: 45 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
19-Jan-17, 06:00	19-Jan-17, 18:30	12.50	Well Services	CREW TRAVEL TO LOCATION SAFETY MEETING AND CHECK THE PSI @0 CONTINUE LAY DOWN PIPE LAY DOWN 188 JTS AND RIG UP THE WIRE LINE TO GO SET THE C.I.B.P @7102 AND THE 2ND C.I.B.P @6926 AND TEST THE CASING TO 1000 PSI TEST OK BLEED THE PSI OFF AND GO LOG THE HOLE FROM 800FT TO SURFACE AND CUT THE CASING @800FT RIG DOWN THE WIRE LINE CHANGE EQUIPMENT TO 4 1/2 NIPPLE DOWN THE B.O.P AND THE 5000K ON LAND THE CASING NIPPLE UP THE SPOOL AND THE B.O.P PSI TEST THE B.O.P AND LAY DOWN 19 JTS 4 1/2 CHANGE EQUIPMENT TO 2 3/8 T.I.H W/26 JTS @845'FT CIRCULATE GOOD THE HOLE AND THE RIG UP THE CEMENT CREW PUMPING 380 SXS RIG DOWN THE CEMENT CREW LAY DOWN 26 JTS AND NIPPLE DOWN THE B.O.P SPOOL AND RIG UP CEMENT CREW TOP OFF CEMENT PUT THE TOP CUP CLEAN THE TOOL DRAIN AND RIG DOWN PUMP AND LINES RIG DOWN CLEAN THE LOCATION SHUT IN CREW GO HOME.
TOTAL TIME: 12.50 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	Abel Alvarez	19-Jan-17, 06:00	12.50	0.00	No	0.00		0.00	Yes
Operator	George Quinones	19-Jan-17, 06:00	12.50	0.00	No	0.00		0.00	Yes
Derrickhand	Gonzalo Chavez	19-Jan-17, 06:00	12.50	0.00	No	0.00		0.00	Yes
Derrickhand	Sergio Ibuado Gonzalez	19-Jan-17, 06:00	12.50	0.00	No	0.00		0.00	Yes
Relief Operator	Gomez Rodriguez, Daniel	19-Jan-17, 06:00	12.50	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:  ELOY COSSIO 970-744-9564



Submitted by:
Wes Aaron
Integrity Well Solutions
10765 Turner Blvd., STE B
Longmont, CO 80504

Petroleum Development Corporation

Christiansen 31-33

API# 05-123-22340-00

AFE#

Sec. 33 T 7 N R 64 W

Field: Wattenberg

Rig: Work Over

Weld County, Eaton, CO

ZIP: 80615

P&A Ticket

Prepared for: **Petroleum Development Corporation**
1775 Sherman Street, STE 3000
Denver. CO 80203

January 19, 2017

v.1

Proposal: Christiansen 31-33

Mtrl Nbr	Tax	Description	Qty	UOM	Unit Price	Gross Amt	Discount	Net Amt
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If you would please take a moment and circle an answer for each question to help us improve our service to you:

- 1 Did we arrive on time ? Yes No
- 2 Did our crew perform to your expectations- safe and professional ? Yes No
- 3 Was the job executed to your satisfaction? Yes No

4 Comment section for additional improvement or concerns:

Please also include your contact information.



JOB SUMMARY

JOB DATE	01/19/17
SUPERVISOR	Jason Gibbs
CITY	Eaton
SALES ORDER NUMBER	C7CO3006

CUSTOMER	PDC	CUSTOMER REP.	Eloy Cossio	TICKET AMOUNT	\$8,570.00
WELL TYPE	Gas	STATE	Colorado	COUNTY	Weld
WELL NAME AND NUMBER	Christiansen 31-33	SEC / TWN / RNG	Sec 33 / Twn 7N / 64W	API #	05-123-22340-00

EMP NAME	EXP HOUR	EQUIPMENT	R/T MILES	EMP NAME	EXP HOUR	EQUIPMENT	R/T MILES
Jon Snyder	5.0	Unit 500					
Jason Gibbs	5.0	Unit 600					

DATE TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED	LEAVE LOCATION
	1/19/2017	1/19/2017	1/19/2017	1/19/2017	1/19/2017
	1200	1230	1500	1630	1715

WELL TUBULAR DATA						
TUBULAR NAME	NEW/USED	WEIGHT	SIZE	TO	Retainer and Perfs	Perfs
Surface	used	24#	8.625"	0'	577'	Cut Casing
Production	used	11.6#	4.5"	0'	7,307'	
Tubing	used	4.7#	2.375"	0'	840	

JOB PROCEDURE AND MATERIALS							
STAGE	FLUID NAME	VOLUME (BBL)	FLUID DESCRIPTION	WATER REQ.	YIELD	DENSITY (PPG)	
1	Fresh H2O	10	Fresh Water Flush	-	-	-	
2	Class G	81	395 sks Class G	5	1.15	15.8	
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

OTHER JOB NOTES

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____ SIGNATURE _____