





# Job Summary

Ticket Number	Ticket Date
TN# <b>BCO-1811-0097</b>	<b>11/15/2018</b>

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>PDC ENERGY</b>	<b>05-123-20239</b>
WELL NAME	RIG	JOB TYPE
<b>Dunn 23-7</b>	<b>Ensign 354</b>	<b>Plug to Abandon</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.411195 104.594696</b>	<b>Larry Laslie</b>	<b>Bud holman</b>

EMPLOYEES		
<i>James McFarland</i>		
<i>David Cicalla</i>		

WELL PROFILE			
Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	

Open Hole					
1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	14	412	578		
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	412		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
TUBING	2.325	4.6		0	612		
Type	Size (in)	Weight (lb/ft)	Grade	TMD to (ft)	TVD From (Ft)	TVD to (Ft)	

CEMENT DATA				
Stage 1:	From Depth (ft):	0	To Depth (ft):	578
Type: Shoe Plugs	Volume (sacks):	178	Volume (bbls):	42
Cement & Additives:		Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.
CJ922		14.8	1.33	6.32

Stage 2:	From Depth (ft):		To Depth (ft):	
Type: Surface Plug	Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.

Stage 3:	From Depth (ft):		To Depth (ft):	
Type: Top Off	Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.

Stage 4:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.

SUMMARY				
Preflushes:	5 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
		Actual Displacement (bbl):		
Total Preflush/Spacer Volume (bbl):	5	Plug Bump (Y/N):	n/a	Bump Pressure (psi):
Total Slurry Volume (bbl):	42	Lost Returns (Y/N):	n	(if Y, when)
Total Fluid Pumped	47			
Returns to Surface:	Cement	bbls		

Job Notes (fluids pumped / procedures / tools / etc.): Job notes go here!

Customer Representative Signature: \_\_\_\_\_ **Thank You For Using**  
**CJES O-TEX Cementing**

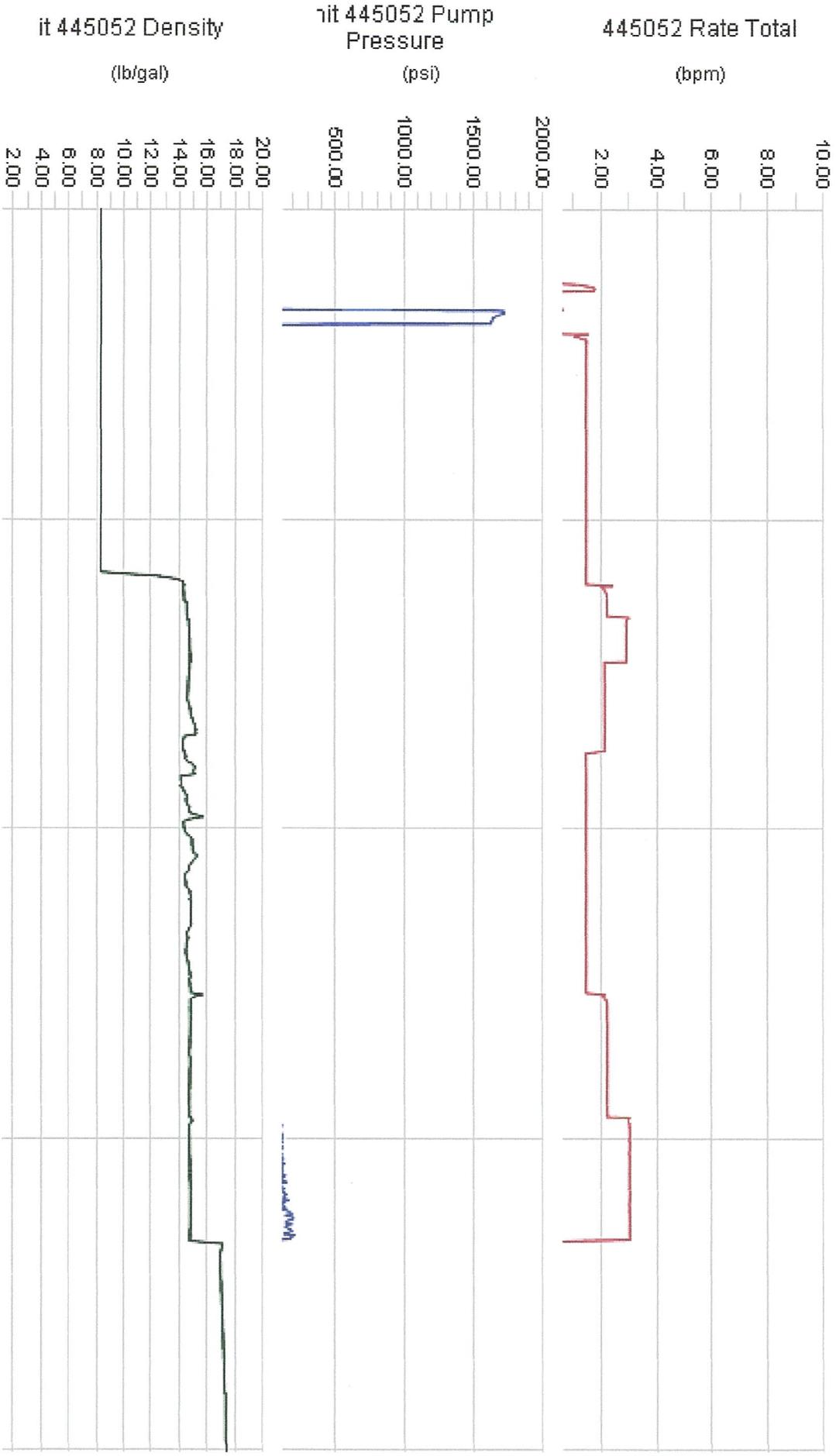


	PDC ENERGY	YARD CALL	11/14/2018		DISTRICT				
	Dunn 23-7	RTS DATE	11/15/2018		<b>Brighton</b>				
		YARD RTN							
CUSTOMER INFORMATION		WELL INFORMATION		WELL DATA		TUBULAR DATA			
Customer Name	PDC ENERGY	API #:	05-123-20239	Casing Size	8.625	Size	Grade	Weight	Depth
Customer #:	1000700	Field Name:	Wattenberg	Depth		2 3/8		4.6	610
AFE #:		Well Name:	Dunn 23-7	TVD	612 ft	Casing			
Cust Rep on Loc:	Bud holman	Well Type:	Oil	MD	612 ft	CEMENTING PLUG			
Cust Phone #:	970-301-3897	Formation:	Surface	OH		Qty	Size	Type	Material
Order Placed By:	Bud holman	Rig Contractor:	Ensign	OH Depth		1	8.625	Top	Rubber
Phone #:		Rig Name/Num.:	Ensign 354	BHST	60°F	JOB TYPE			
Proposed Job Amt:	\$8,024.75	Rig Phone:		BHCT	0°F	Plug to Abandon			
JOB INFORMATION		County:	Weld	Est. BHST/BHCT		60°F / 0°F (API) (0.00°F/100ft)		TOP CONNECTION	
Ticket #:	BCO-1811-0097	State:	CO	MD / TVD	612 ft / 612 ft		Size	Type	Thread
PO #:		Latitude:	40.411195	Mud Weight & Type					
Order Taken By:	Laeger	Longitude:	104.594696	Open Hole	14 in. O.H. (412 to 612 ft)				
Order Date:	11/13/2018	Township:	NESW 7 5N64W	Previous Casing	8.625 in. 24# (0 to 412 ft)				
CJES Acct. Manager:	Adam DeSaules	Quote Number:	3-BCO_181112155440	COMMENTS					
CJES Engineer:	Adam DeSaules	SPECIAL JOB INSTRUCTIONS							
100# Sugar									
DIRECTIONS TO WELL									
Directions to well with program									
Emergency Contacts									
Nearest Hospital		Greely		Phone Number:					
Police Department		Greely		Phone Number:					
Fire Department		Greely		Phone Number:					
Designated Emergency Vehicle		201400		Vehicle Location:					
MSDS on Dash of Emergency Vehicle? (y/n)									
Muster Area #1	Lease Entrance								
Muster Area #2	Cross-up Wind								
Cell Phone Service on location? (y/n)									
If not, nearest working phone									
Iron Tracking									
	Taken Out				Returned				
Iron Type	Taken By	Date Out	Time Out	Returned By	Date In	Time In			





Client	PDC Energy	Client Rep	Bud Holman	Supervisor	Larry Laslie
Ticket No.	18110097	Well Name	Dunn 23-7	Unit No.	445052
Location	NESW 7 5N 64W	Job Type	Abandonment Plugs	Service District	Brighton
Comments	Pump Per Customer request			Job Date	11/15/2018





	PDC ENERGY		YARD CALL	11/13/2018		DISTRICT
	Dunn 23-7		RTS DATE	11/14/2018		Brighton
			YARD RTN	11/14/2018		
1.08c						
<b>CUSTOMER INFORMATION</b>			<b>WELL INFORMATION</b>		<b>WELL DATA</b>	
Customer Name	PDC ENERGY		API #:	05-123-20239	Casing Size	4 1/2" 10.5#
Customer #:	1000700		Field Name:	Wattenberg	Depth	1500'
AFE #:			Well Name:	Dunn 23-7	TVD	1500'
Cust Rep on Loc:	Bud Holman		Well Type:	Oil	MD	1500'
Cust Phone #:	970-301-3897		Formation:	Surface	OH	10"
Order Placed By:	Bud Holman		Rig Contractor:	Ensign	OH Depth	1500'
Phone #:			Rig Name/Num.:	Ensign 354	BHST	
Proposed Job Amt:	\$7,235.36		Rig Phone:		BHCT	
<b>JOB INFORMATION</b>			County:	Weld	Est. BHST/BHCT	#N/A
Ticket #:	BCO-1811-0096		State:	CO	MD / TVD	#N/A
PO #:			Latitude:	40.411195/	Mud Weight & Type	#N/A
Order Taken By:	Milo		Longitude:	104.594696	Open Hole	10" OH - From 1500' to 897'
Order Date:	11/13/2018		Township:	10031	Previous Casing	#N/A
CJES Acct. Manager:	Adam DeSaules		Quote Number:	3-BCO_181112155440		
CJES Engineer:	Adam DeSaules					
<b>COMMENTS</b>						
Job went according to program and customer's request. Job went well.						
<b>SPECIAL JOB INSTRUCTIONS</b>						
100# Sugar						
<b>DIRECTIONS TO WELL</b>						
Directions to well with program						
<b>Emergency Contacts</b>						
Nearest Hospital		Greeley, CO			Phone Number:	911
Police Department		Greeley, CO			Phone Number:	911
Fire Department		Greeley, CO			Phone Number:	911
Designated Emergency Vehicle			C&J Pick Up		Vehicle Location: Lease entrance	
MSDS on Dash of Emergency Vehicle? (y/n)			Yes in Sup's laptop			
Muster Area #1	Lease entrance					
Muster Area #2	Wind depending					
Cell Phone Service on location? (y/n)			Yes			
If not, nearest working phone						
<b>Iron Tracking</b>						
Taken Out				Returned		
Iron Type	Taken By	Date Out	Time Out	Returned By	Date In	Time In

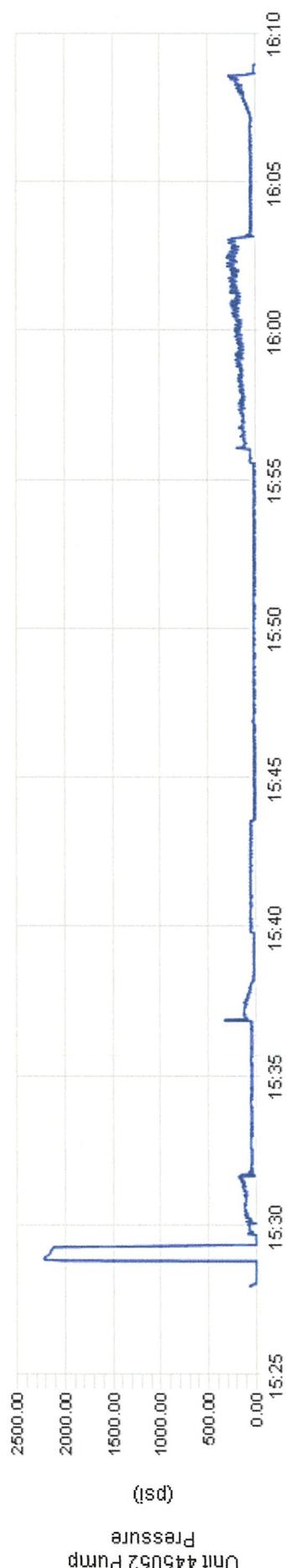
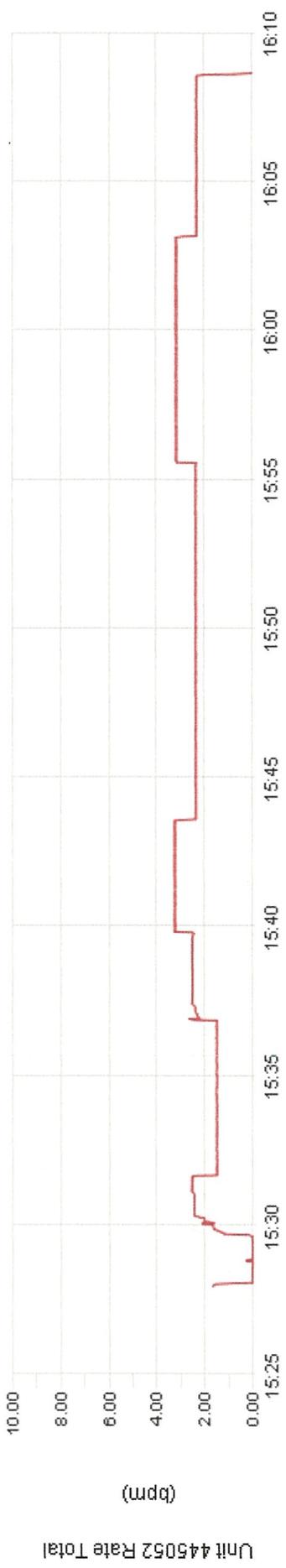




**Client** PDC  
**Ticket No.** 1811-0096  
**Location** Sec7:T5N:R64W  
**Comments** See job log.

**Client Rep** Bud Holman  
**Well Name** Dunn 23-7  
**Job Type** Abandonment Plugs

**Supervisor** A. Klosterman  
**Unit No.** 445052  
**Service District** Brighton, CO  
**Job Date** 11/14/2018







# Job Summary

Ticket Number **BCO-1811-0095** Ticket Date **11/14/2018**  
 TN#

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>PDC ENERGY</b>	<b>05-123-20239</b>
WELL NAME	RIG	JOB TYPE
<b>Dunn 23-7</b>	<b>Ensign 354</b>	<b>Plug to Abandon</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.411195 104.594696</b>	<b>Brian Douglass</b>	<b>Bud holman</b>

EMPLOYEES		
James Bell		
Ben Brewer		

### WELL PROFILE

Max Treating Pressure (psi):	Bottom Hole Static Temperature (°F):
Bottom Hole Circulating Temperature (°F):	Well Type:

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
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)
Production	4.5	10.5		0	3220		
Tubing	2.375	4.7	J55	0	3220		

### CEMENT DATA

**Stage 1:** From Depth (ft):  To Depth (ft):   
 Type: **Balance Plug**  
 Volume (sacks):  Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% CJ914	15.8	1.15	5.00

**Stage 2:** From Depth (ft):  To Depth (ft):   
 Type:   
 Volume (sacks):  Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

**Stage 3:** From Depth (ft):  To Depth (ft):   
 Type:   
 Volume (sacks):  Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

**Stage 4:** From Depth (ft):  To Depth (ft):   
 Type:   
 Volume (sacks):  Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

### SUMMARY

Preflushes: <u>5</u> bbls of <u>Fresh Water</u>	Calculated Displacement (bbl): <u>11.7</u>	Stage 1	Stage 2
<u>    </u> bbls of <u>    </u>	Actual Displacement (bbl): <u>11.5</u>		
<u>    </u> bbls of <u>    </u>	Plug Bump (Y/N): <u>n/a</u>	Bump Pressure (psi): <u>n/a</u>	
Total Preflush/Spacer Volume (bbl): <u>5</u>	Lost Returns (Y/N): <u>n</u> (if Y, when <u>    </u> )		
Total Slurry Volume (bbl): <u>3.07</u>			
Total Fluid Pumped: <u>20.2</u>			
Returns to Surface: <u>Mud</u> <u>1</u> bbls			

Job Notes (fluids pumped / procedures / tools / etc.): Pumped Job per program and customers request.

Customer Representative Signature: \_\_\_\_\_ **Thank You For Using CJES O-TEX Cementing**

	<b>PDC ENERGY</b>	YARD CALL	11/14/2018	5:00	DISTRICT
	Dunn 23-7	RTS DATE	11/14/2018	8:00 AM	<b>Brighton</b>
		YARD RTN	11/14/2018	10:00 AM	

CUSTOMER INFORMATION		WELL INFORMATION		WELL DATA		TUBULAR DATA			
Customer Name	<b>PDC ENERGY</b>	API #:	05-123-20239	Casing Size	4.5 10.5#	Size	Grade	Weight	Depth
Customer #:	1000700	Field Name:	Wattenberg	Depth	3220	2 3/8	J55	4.7	3220
AFE #:	PA000986	Well Name:	Dunn 23-7	TVD	3220	Casing <b>4.5 10.5 # (0-3220')</b>			
Cust Rep on Loc:	Bud holman	Well Type:	Oil	MD	3220	CEMENTING PLUG			
Cust Phone #:	970-301-3897	Formation:		OH	n/a	Qty	Size	Type	Material
Order Placed By:	Bud holman	Rig Contractor:	Ensign	OH Depth	n/a				
Phone #:		Rig Name/Num.:	Ensign 354	BHST	n/a				
Proposed Job Amt:	\$3,088.71	Rig Phone:		BHCT	n/a				
JOB INFORMATION		County:	Weld	Est. BHST/BHCT	#N/A	TOP CONNECTION			
Ticket #:	<b>BCO-1811-0095</b>	State:	CO	MD / TVD	#N/A	Size	Type	Thread	
PO #:		Latitude:	40.411195	Mud Weight & Type	#N/A	2 3/8	Tubing	1502	
Order Taken By:	Milo	Longitude:	104.594696	Open Hole	#N/A	JOB TYPE			
Order Date:	11/13/2018	Township:	NESW 7 5N64W	Previous Casing	#N/A	<b>Plug to Abandon</b>			
CJES Acct. Manager:	Adam DeSaules	Quote Number:	3-BCO_181112155440						
CJES Engineer	Adam DeSaules								

**COMMENTS**

**SPECIAL JOB INSTRUCTIONS**

100# Sugar

**DIRECTIONS TO WELL**

Direction to well with Program

**Emergency Contacts**

Nearest Hospital	Greeley,CO	Phone Number:	911
Police Department	Greeley,CO	Phone Number:	911
Fire Department	Greeley,CO	Phone Number:	911

Designated Emergency Vehicle: C&J Pickup      Vehicle Location: lease entrance

MSDS on Dash of Emergency Vehicle? (y/n)      yes

Muster Area #1: Lease entrance

Muster Area #2: upwind

Cell Phone Service on location? (y/n)      yes

If not, nearest working phone

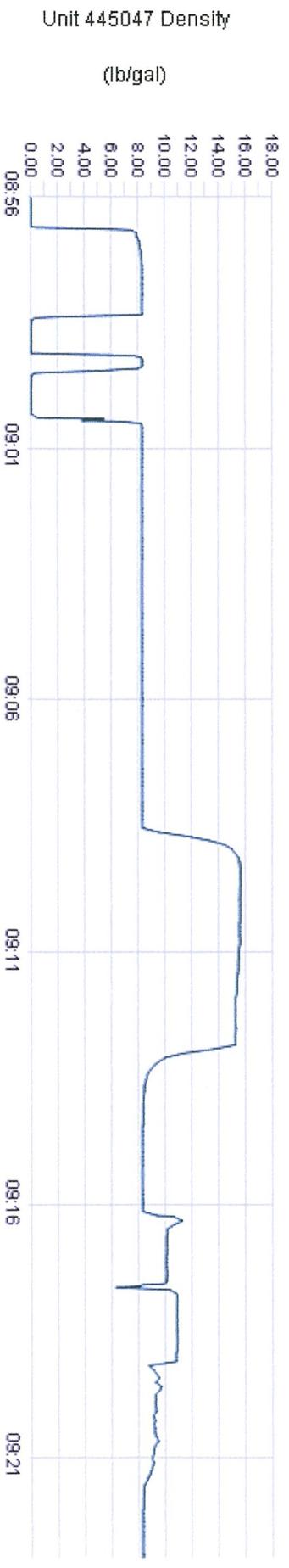
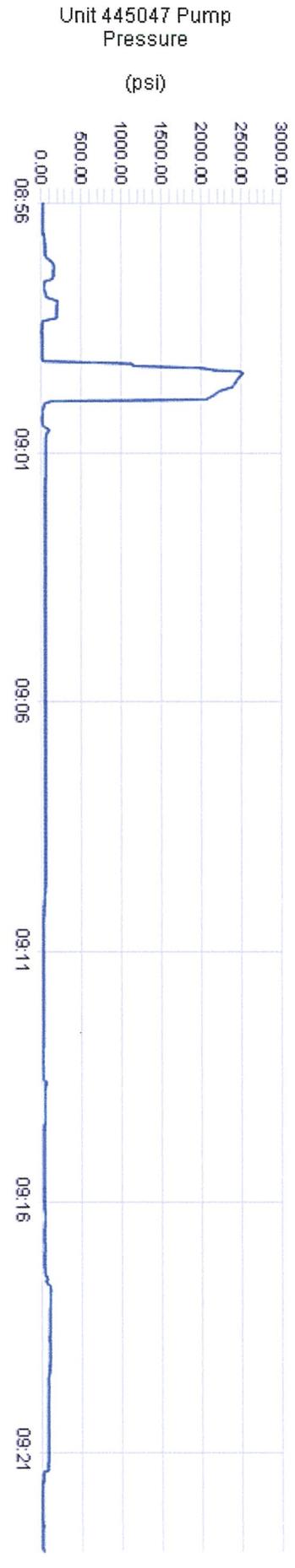
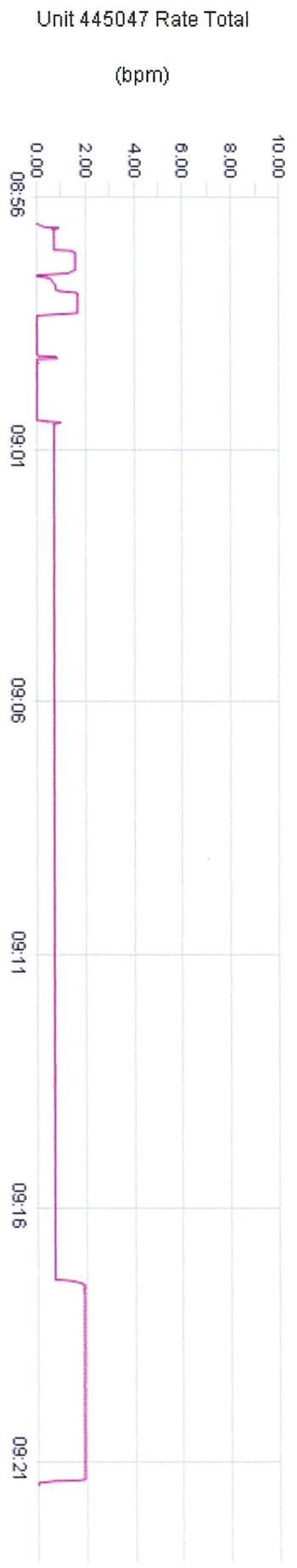
**Iron Tracking**

Iron Type	Taken Out			Returned		
	Taken By	Date Out	Time Out	Returned By	Date In	Time In





<b>Client</b>	PDC ENERGY INC	<b>Client Rep</b>	MR. BUD HOLMAN	<b>Supervisor</b>	BRIAN DOUGLASS
<b>Ticket No.</b>	95	<b>Well Name</b>	DUNN 23-7	<b>Unit No.</b>	445047
<b>Location</b>	NE SW SEC. 7-T5N-R64W	<b>Job Type</b>	Abandonment Plugs	<b>Service District</b>	BRIGHTON, CO
<b>Comments</b>	PLUG 1	<b>Job Date</b>	09/14/2018		





# Job Summary

Ticket Number: **BCO-1811-0096** Ticket Date: **8/15/2018**  
 TN#

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>PDC ENERGY</b>	<b>05-123-20239</b>
WELL NAME	RIG	JOB TYPE
<b>Dunn 23-7</b>	<b>Ensign 354</b>	<b>Plug to Abandon</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.411195/ 104.594696</b>	<b>Austin Klosterman</b>	<b>Bud Holman</b>

EMPLOYEES		
<i>James McFarland</i>		
<i>Nick Marcos</i>		

<b>WELL PROFILE</b>			
Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	10"	1500'	897'		
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)
Production	4 1/2"	10.5#		1615'	1500'		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2 3/8"	4.7#		1615'	0'		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

### CEMENT DATA

**Stage 1:** From Depth (ft): **1615'** To Depth (ft): **897'**  
 Type: **Stub Plug**  
 Volume (sacks): **255** Volume (bbls): **60.4**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Type III	14.8	1.33	6.32

**Stage 2:** From Depth (ft):  To Depth (ft):   
 Type:   
 Volume (sacks):  Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

**Stage 3:** From Depth (ft):  To Depth (ft):   
 Type:   
 Volume (sacks):  Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

**Stage 4:** From Depth (ft):  To Depth (ft):   
 Type:   
 Volume (sacks):  Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

### SUMMARY

Preflushes:	<b>10</b> bbls of <b>Fresh Water</b>	Calculated Displacement (bbl):	<b>3.5</b>	<b>Stage 1</b>	<b>Stage 2</b>
	<b></b> bbls of <b></b>	Actual Displacement (bbl):	<b>3.5</b>		
	<b></b> bbls of <b></b>				
Total Preflush/Spacer Volume (bbl):	<b>10</b>	Plug Bump (Y/N):	<b>n/a</b>	Bump Pressure (psi):	<b>n/a</b>
Total Slurry Volume (bbl):	<b>60.4</b>	Lost Returns (Y/N):	<b>N</b> (if Y, when)		
Total Fluid Pumped	<b>73.9</b>				
Returns to Surface:	<b></b> bbls				

Job Notes (fluids pumped / procedures / tools / etc.): **Cement Plug - From 1615' to 897' / Cement Coverage = 718' / 255sx @14.8ppg (Yield 1.33) / Estimated TOC = 897'**

Customer Representative Signature: **Thank You For Using CJES O-TEX Cementing**

**Pick Production Equip.  
Sterling, CO 80751**

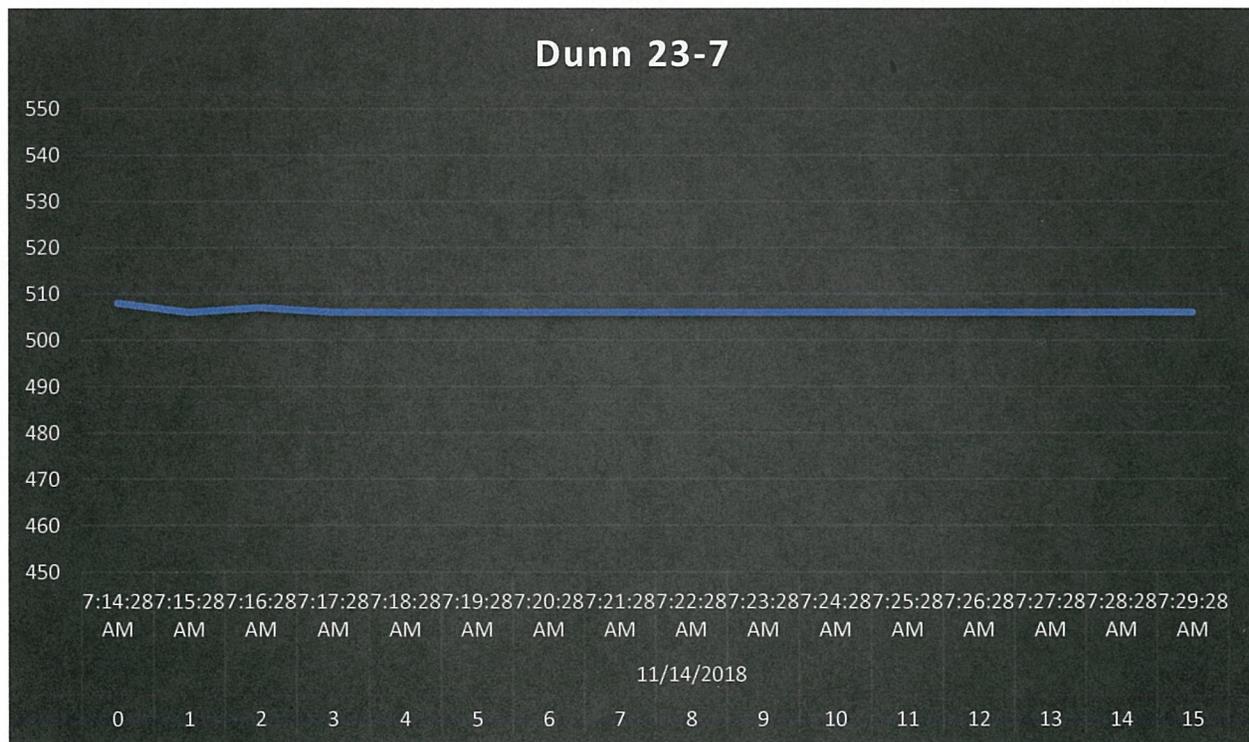
**Aaron Pickering  
970-520-0279**

PDC Energy  
Dunn 23-7  
API-05-123-20239  
LOC: NESW-SEC7-T5N-R64W

Bud Holman  
MIT Test

Interval: 60 Seconds

DataPoint	LogDate	LogTime	1-P PSI
0		7:14:28 AM	508
1		7:15:28 AM	506
2		7:16:28 AM	507
3		7:17:28 AM	506
4		7:18:28 AM	506
5		7:19:28 AM	506
6		7:20:28 AM	506
7		7:21:28 AM	506
8	11/14/2018	7:22:28 AM	506
9		7:23:28 AM	506
10		7:24:28 AM	506
11		7:25:28 AM	506
12		7:26:28 AM	506
13		7:27:28 AM	506
14		7:28:28 AM	506
15		7:29:28 AM	506



# WALTER CORPORATION

Walter Corporation, LLC 33250 CR 53 Gill, CO 80624

Office: 970.301.2028

Fax: 970.284.6682

Field Ticket #  
23215

№ 23215

Date  
11/14/2018

<b>Bill To Customer:</b>	P D C	<b>PO#</b>	PA000986	<b>Lease Name:</b>	Dunn	<b>Well #</b>	23-7
<b>Address:</b>	3801 Carson Ave	<b>County:</b>	Weld	<b>Job Type:</b>	CO	<b>Invoice \</b>	
<b>City:</b>	Evans	<b>Field:</b>		<b>Casing Sz &amp; Wt:</b>		<b>OCSG #:</b>	
<b>State:</b>	CO	<b>Zip:</b>	80620	<b>Service Man</b>			
<b>Ordered By:</b>	Bud Holman	<b>Legal Description:</b>					

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					
<b>SERVICE MANS TIME</b>					
Subtotal Taxable Charges					
<b>MILEAGE</b>					
Subtotal Non-Taxable Charges					
Subtotal Non-Taxable Charges					
Terms: Net 30 Days					



Authorized Agent: P. D. H. Date: 11-15-18



Field Ticket #  
23214

No. 23214

Date  
11/14/2018

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

<b>Bill To Customer:</b>	P D C	<b>PO#</b> PA000986	<b>Lease Name:</b>	Dunn	<b>Well #:</b>	23-7
<b>Address:</b>	3801 Carson Ave		<b>County:</b>	CO	<b>Invoice Ref. #:</b>	
<b>City:</b>	Evans	<b>Field:</b>	<b>Job Type:</b>		<b>OCSG #:</b>	
<b>State:</b>	CO	<b>Zip:</b>	<b>Casing Sz &amp; Wt:</b>	4-1/2 11.6#		
<b>Ordered By:</b>	Bud Holman	<b>Legal Description:</b>	<b>Service Man:</b>	MERCED TERRAZAS		

NO.	RENTALS/SALES	QTY	PRICE	DSC	TOTAL
1					
2					
3					
4	Rental of 4-1/2 TIW valve	1			
5	Rental of 2-3/8 TIW valve	1			
6					
7					
8					
9					
10					
11	Rental of 8-5/8 adppter BOP flange	1			
12	Rental of 4-1/2 elevators	1			
13	Rental of 4-1/2 air slips	1			
14	Rental of 4-1/2 sub	1			
			Subtotal Taxable Charges		
<b>SERVICE MANS TIME</b>					
			Subtotal Non-Taxable Charges		
<b>MILEAGE</b>					
Mileage		35			
			Subtotal Non-Taxable Charges		

Terms: Net 30 Days

Authorized Agent: B. Holt Date: 11-15-18

P.O. BOX 341  
STERLING, CO 80751  
970-522-8387

# PICK TESTERS HYDRO

TICKET  
NO. DH - 11118

Customer Name: PDC Energy  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Customer Order No.: Bad Holman  
On Location: Jan  
On Stand By: \_\_\_\_\_  
Off Stand By: \_\_\_\_\_  
Off Location: Jan

Purpose of Work: MIT Test Pressure Used: 500#/15min  
Date: 11/14/18 Lease: Dunn Well No: 23-7  
Field: \_\_\_\_\_ County: Webb State: CO Location: \_\_\_\_\_  
Casing Size & Wt.: \_\_\_\_\_ Tubing Size & Wt.: \_\_\_\_\_  
Contractor & #: EWS #354 Round Trip Miles From: \_\_\_\_\_

Directions: 58°49' N Into API 05-123-20239  
NESW-SECT-T5N-R64W

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	Joints		
	Mileage		
	Test Cups		
1	Hours <u>Not Fair</u>		
1	Methanol <u>DH TCW</u>		
1	Casing Test <u>MIT Test</u>		
	Computer Pressure Log		

REPRESENTATIVE BY: [Signature] TOTAL CHARGES: \_\_\_\_\_ Subject to Correction in accordance with Latest Published Price  
Holes \_\_\_\_\_  
Rod Cuts \_\_\_\_\_  
Bad Pins \_\_\_\_\_  
Collar Leaks \_\_\_\_\_  
Split Joints \_\_\_\_\_

Remarks: MIT Test  
solid (500#)

I certify that the above material and/or services has been delivered and/or used; that the basis for charges are correctly stated; and that I am authorized to sign this agreement as agent of customer.

Company \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_



**CASEDHOLE SOLUTIONS**



<b>Rev.032718 A</b>	CUSTOMER P. O. NUMBER	SERVICE ORDER <b>F1738</b>	PAGE <b>1 of 1</b>
* 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 <b>11/13/2018</b>
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 FURNISHED LEASE/WELL	COMPANY	<b>PDC ENERGY</b>		
	LEASE	<b>Dunn</b>	WELL NUMBER	<b>23-7</b>
	LEGAL & LOCATION	<b>05-123-20239</b>		
	FIELD	<b>Wattenberg</b>	PARISH/COUNTY	<b>Weld</b>
INFORMATION		STATE	<b>Colorado</b>	

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 **5**

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								
2	No Tag - 6850'		P - Gauge Ring or Depth Determination		1								
3		6836'	P - Plug or Retainer - setting (3rd party)		1								
4		6836'	P - Dump Bailer w/ 2sx Cement		1								
5		6490'	P - Plug or Retainer - setting (3rd party)		1								
6		6490'	P - Dump Bailer w/ 2sx Cement		1								

STANDARD PRICING										NO. SHOTS FIRED				NO. SEL. SWITCHES FAILURES	
Runs for this job made in November were 5										5				0	
ESTIMATED TOTAL C										10K				0	

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**

SIZE	WEIGHT	CASING/TUBING RECORD	TO	PERM. DEPTH DATUM	GROUND LEVEL	ELEV.	ELEV. K.B.
		Casing 1		LOG MEAS. FROM	WHICH IS	ABOVE PERM DATUM	D.F. G.L.
		Casing 2		Fluid Type	Fluid Weight	Fluid Level	REMARKS
		Tubing		Water	8.345 lbs/gal	feet	District doing job: Fort Lupton, CO
		Liner		Bottom Hole Temperature	Degrees F	Type of Job:	Completions
		Drill Pipe					

CASEDHOLE ENGINEER NAMES	WORK WITNESSED BY NAME	Class:	Vert. Domestic
Meisner, Jacob	Holman	District job is in:	Fort Lupton, CO
Crew 1		RC#:	
Crew 2		Engineer:	
Crew 3		MSA#:	
Crew 4			
Crew 5			
Crew 6			