



1120 Lincoln Street, Suite 801, Denver Colorado 80203 (303) 894-2100 Fax (303) 894-2109

### WELL ABANDONMENT REPORT

Submit original plus one copy. This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for twelve months after the approval date after that period a new intent will be required. After the plugging is complete, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

RECEIVED

JUL 07 2010

COGCC

<b>COGCC Operator Number:</b> 28700	<b>Contact Name &amp; Telephone</b> Beatrice Sabala	<b>24 hour notice required, contact:</b>
<b>Name of Operator:</b> ExxonMobil Oil Corporation	<b>No:</b> 281-654-2685	
<b>Address:</b> P.O. Box 4358, CORP-MI-205	<b>Fax:</b> 281 654-1940	
<b>City:</b> Houston <b>State:</b> TX <b>Zip:</b> 77210-4358	<b>Tel:</b>	

<b>API Number:</b> 05-103-07961-00	<b>Well Name:</b> Piceance Creek Unit	<b>Well Number:</b> T22-11G
<b>Location (QtrQtr, Sec, Twp, Rng, Meridian):</b> NENW, Sec. 11, T2S, R97W, 6th P.M.		
<b>County:</b> Rio Blanco	<b>Federal, Indian or State Lease Number:</b> COD-035705	
<b>Field Name:</b> Piceance Creek	<b>Field Number:</b> 68800	

Complete the Attachment Checklist	
	Oper OGCC
Wellbore Diagram	X
Cement Job Summary	X
Wireline Job Summary	

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

#### Only Complete the Following Background Information for Intent to Abandon

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_  
GPS Data: \_\_\_\_\_  
Date of Measurement: \_\_\_\_\_ PDOP Reading: \_\_\_\_\_ Instrument Operator's Name: \_\_\_\_\_  
Reason for Abandonment ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems ☐ Other  
Casing to be Pulled: ☐ Yes ☐ No Top of Casing Cement: \_\_\_\_\_  
Fish in Hole: ☐ Yes ☐ No If yes, explain details below  
Wellbore has Uncemented Casing Leaks ☐ Yes ☒ No If yes, explain details below  
Details: Conversion work began in August 2007, surfac casing failed to test despite multiple attempts to repair. No longer economic to produce and will not be used as an injection well therefore well should be plugged and abandon.

#### Current and Previously Abandoned Zones

Formation	Perforations - Top	Perforations Bottom	Date Abandoned	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth
None					

#### Casing History

String	Size of Hole	Size of Casing	Weight per ft	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Conductor	12 1/4"	8 5/8"	24	823'	300	823'	0
Production	7 7/8"	5 1/2"	15.5	3,297'	175	3,297'	950'

#### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. **NOTE: Two (2) sacks cement required on all CIBPs.**

Set _____ sks cmt from _____ ft. to _____ ft. in	<input checked="" type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks Leave at least 100 ft. in casing  
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks Leave at least 100 ft. in casing  
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks Leave at least 100 ft. in casing  
Set \_\_\_\_\_ sacks half in, half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Set \_\_\_\_\_ sacks at surface  
Cut four feet below ground level, weld on plate  
Set \_\_\_\_\_ sacks in rat hole Dry-Hole Marker: ☒ Yes ☐ No  
Set \_\_\_\_\_ sacks in mouse hole

SEE ATTACHED PLUGGING DAILY OPERATIONS

#### Additional Plugging Information for Subsequent Report Only

Casing Recovered: \_\_\_\_\_ ft. of \_\_\_\_\_ in. casing Plugging date: \_\_\_\_\_  
\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
Type of Cement and Additives Used: \_\_\_\_\_  
\*Attach job summaries.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name Beatrice Sabala Email: beatrice.sabala@exxonmobil.com  
Signed: Beatrice Sabala Title: Technical Assistant Date: 07/02/2010

OGCC Approved: [Signature] Title: EIT II Date: 8/9/2010  
CONDITIONS OF APPROVAL, IF ANY:

**HALLIBURTON**

**RECEIVED**  
JUL 07 2010  
**COGCC**

**EXXONMOBIL CORPORATION**  
**HOUSTON, Texas**

**PCU T22-11G**

**WORKOVER**

## **Post Job Summary**

## **Squeeze Perfs**

Prepared for: Jamie Turner  
Date Prepared: June 29, 2010  
Version: 2

Service Supervisor: Benjamin Anderson  
Submitted by: Simukayi Mutasa

**HALLIBURTON**

# HALLIBURTON

## Wellbore Geometry

Job Tubulars						MD	
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	
Tubing	Production Tubing	2.38	2.441	6.50	0.00	2,220.00	
Packer	FasDrill Packer				470.00	473.00	
Casing	Production Casing	5.50	4.778	17.00	0.00	2,223.00	
Bridge Plug	Cast Iron Bridge Plug		.000		2,220.00	2,223.00	
Open Hole Section	Open Hole		6.750		515.00	2,223.00	
Casing	Surface Casing	10.75	9.950	40.50	0.00	517.00	

## Pumping Schedule

Day #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Volume
4/1	Cement Slurry	SqueezeCem	15.80	1.00	59 sacks
4/2	Cement Slurry	SqueezeCem	15.80	1.00	184 sacks
4/5	Cement Slurry	SqueezeCem	15.80	1.00	60 sacks
4/7	Cement Slurry	SqueezeCem	15.80	1.00	37 sacks

HALLIBURTON

Fluids Pumped

Stage/Plug # 1

Fluid 1: SqueezeCem  
SQUEEZECEM (TM) SYSTEM

Fluid Weight: 15.80 lbm/gal  
Slurry Yield: 1.15 ft3/sack  
Total Mixing Fluid: 4.99 Gal

Stage/Plug # 2

Fluid 1: SqueezeCem  
SQUEEZECEM (TM) SYSTEM

Fluid Weight: 15.80 lbm/gal  
Slurry Yield: 1.15 ft3/sack  
Total Mixing Fluid: 4.99 Gal

Stage/Plug # 3

Fluid 1: SqueezeCem  
SQUEEZECEM (TM) SYSTEM

Fluid Weight: 15.80 lbm/gal  
Slurry Yield: 1.15 ft3/sack  
Total Mixing Fluid: 4.99 Gal

Stage/Plug # 4

Fluid 1: SqueezeCem  
SQUEEZECEM (TM) SYSTEM

Fluid Weight: 15.80 lbm/gal  
Slurry Yield: 1.15 ft3/sack  
Total Mixing Fluid: 4.99 Gal

Job Summary

Job Information

Job Start Date	4/1/2010 3:15:00 PM
Job MD	2,500.0 ft
Mud Type	Water Based Mud
Actual Mud Density	8.60 lbm/gal
Surface Temp at Time of Job	35 degF
Was Hesitation Technique Used?	No

# HALLIBURTON

## Service Supervisor Reports

### Job Log

Date/Time	Activity Code	Pump Rate	Cum Vol	Pressure (psig)	Comments
04/01/2010 07:30	Call Out				CREW CALLED OUT, GOT TRUCKS PREPPED FOR CONVOY AND JOB
04/01/2010 09:20	Pre-Convoy Safety Meeting				DISCUSSED CONVOY PROCEDURES, ROAD HAZARDS, ROUTE, TRAFFIC, WEATHER CONDITIONS, EMERGENCY, AND BREAKDOWN PROCEDURES
04/01/2010 12:00	Arrive at Location from Other Job or Site				RIG CREW RUNNING IN TUBING
04/01/2010 12:20	Pre-Rig Up Safety Meeting				DISCUSSED RIG UP PROCEDURES, RED ZONES, RIG ISSUES, SAFETY ISSUES, PINCH POINTS, AND SLIPS/TRIPS/FALLS
04/01/2010 12:30	Rig-Up Equipment				RIGGED UP SAFELY AND TO BOTH HALLIBURTON AND EXXON STANDARDS
04/01/2010 15:15	Pre-Job Safety Meeting				DISCUSSED JOB PROCEDURES, HAZARDS WITH PRESSURE, RIG ISSUES, SAFETY ISSUES, EMERGENCY, AND EVACUATION PROCEDURES
04/01/2010 15:25	Pump Water	1		.0	PUMPED FRESH WATER AHEAD TO FILL LINES
04/01/2010 15:27	Test Lines			3000.0	TEST IS GOOD
04/01/2010 15:32	Pump Lead Cement	2		37.0	MIXED @ 15.8 PPG, 59 SKS, 1.15 YIELD, 5.0 WTR
04/01/2010 15:38	Pump Displacement	3		22.0	PUMPED FRESH WATER BEHIND
04/01/2010 15:40	Shutdown				SHUTDOWN TO WAIT FOR RIG CREW TO PULL 10 STANDS OR TUBING
04/01/2010 16:15	Reverse Circ Well	3		478.0	PUMPED FRESH WATER BEHIND TO RECIRCULATE
04/01/2010 16:30	Shutdown				SHUTDOWN FOR THE NIGHT
04/01/2010 17:50	Pre-Convoy Safety Meeting				DISCUSSED CONVOY PROCEDURES, ROAD HAZARDS, ROUTE, TRAFFIC, WEATHER CONDITIONS, EMERGENCY, AND BREAKDOWN PROCEDURES

# HALLIBURTON

Date/Time	Activity Code	Pump Rate	Cum Vol	Pressure (psig)	Comments
04/01/2010 18:00	Depart Location for Service Center or Other Site				RELEASED BY COMPANY MAN FOR THE NIGHT, HAVE TO BE BACK ON LOCATION AT 7 IN THE MORNING
04/02/2010 03:00	Call Out				CREW CALLED OUT FOR JOB
04/02/2010 04:20	Pre-Convoy Safety Meeting				DISCUSSED CONVOY PROCEDURES, ROAD HAZARDS, ROUTE, TRAFFIC, WEATHER CONDITIONS, EMERGENCY, AND BREAKDOWN PROCEDURES
04/02/2010 06:00	Arrive at Location from Other Job or Site				RIG CREW PREPPING UP THEIR TRUCKS AND EQUIPMENT
04/02/2010 06:10	Other				PREPPED UP TRUCKS FOR THE JOB
04/02/2010 07:00	Wait on Customer or Customer Sub-Contractor Equip				WAITING FOR THE RIG TO GO IN TO TAG CEMENT
04/02/2010 07:38	Prime Pumps				PRIMED UP RCM
04/02/2010 07:38	Rig-Up Equipment				RIGGED UP LINES BACK TO THE WELL HEAD
04/02/2010 08:10	Wait on Customer or Customer Sub-Contractor Equipm				RIG IS DONE THEY TAGGED CEMENT @ 2135 FT
04/02/2010 08:15	Wait on Customer or Customer Sub-Contractor Equip				WEATHERFORD HOOKING UP EQUIPMENT TO PRESSURE TEST WELL TO 500 PSI AND WILL HOLD PRESSURE FOR 15 MIN. AND MONITOR THE PRESSURE LOSS
04/02/2010 09:00	Wait on Customer or Customer Sub-Contractor Equipm				WEATHERFORD DONE DOING PRESSURE TEST
04/02/2010 11:02	Pump Spacer	1		16.0	PUMPED FRESH WATER @ 8.33 PPG TO FILL LINES
04/02/2010 11:05	Test Lines			3000.0	TEST IS GOOD
04/02/2010 11:17	Pump Cement	3		94.0	MIXED @ 15.8 PPG, 184 SKS, 1.15 YIELD, 5.0 WTR
04/02/2010 11:31	Pump Displacement	1		134.0	PUMPED FRESH WATER @ 8.33 PPG
04/02/2010 11:32	Shutdown				SHUTDOWN TO BREAK IRON OFF OF TUBING

# HALLIBURTON

Date/Time	Activity Code	Pump Rate	Cum Vol	Pressure (psig)	Comments
04/02/2010 11:34	Wait on Orders - Start Time				WAITING FOR RIG CREW TO PULL 4 STANDS OF TUBING AND TO LAYDOWN 66 JOINTS OF TUBING
04/02/2010 11:36	Clean Lines				CLEANED PUMPS AND LINES TO THE PIT
04/02/2010 11:45	Shutdown				DONE CLEANING PUMPS AND LINES, NOW WAITNG FOR RIG TO FINISH PULLING JOINTS OF TUBING
04/02/2010 12:45	Wait on Orders - End Time				RIG DONE PULLING TUBING, NOW JUST WAITING FOR CEMENT TO SET UP
04/02/2010 15:00	Wait on Customer or Customer Sub- Contractor Equip				RIG CREW STARTED RUNNING IN TUBING TO TAG CEMENT
04/02/2010 15:50	Wait on Customer or Customer Sub- Contractor Equipm				RIG TAGGED CEMENT AT 890 FT.
04/02/2010 16:00	End Job				ENDED JOB FOR THE DAY AND RIGGED DOWN AND THE COMPANY MAN RELEASED CREW AND EQUIPMENT UNTIL MONDAY
04/02/2010 16:05	Post-Job Safety Meeting (Pre Rig-Down)				DISCUSSED JOB OUTCOME AND RIG DOWN PROCEDURES, SAFETY ISSUES, PINCH POINTS, AND SLIPS/TRIPS/FALLS
04/02/2010 16:15	Rig-Down Equipment				RIGGED DOWN SAFELY AND TO BOTH HALLIBURTON AND EXXON STANDARDS
04/02/2010 17:30	Depart Location for Service Center or Other Site				LEFT LOCATION TO HEAD OVER TO THE WHITE RIVER YARD

# HALLIBURTON

## HALLIBURTON

### Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Assessment Of Location Safety Meeting	04/05/2010 10:55							CREW WALKED AROUND LOCATION LOOKING FOR RISKS
Pre-Rig Up Safety Meeting	04/05/2010 11:05							SAFETY MEETING WITH CREW ABOUT RIGGING JOB UP SPOTTING EQUIPMENT
Other	04/05/2010 11:45							RIG UP COMPLETE WAIT ON WATER TRUCK TO SHOW UP
Other	04/05/2010 12:30							WATER TRUCK ARRIVES ON LOCATION
Pre-Job Safety Meeting	04/05/2010 12:45							SAFETY MEETING WITH RIG CREW ABOUT PUMPING JOB
Other	04/05/2010 12:59		1.5			.0		START FILL HOLE FOR PRESSURE TESTING
Other	04/05/2010 13:00		1.5	2		12.0		CIRCULATION OF HOLE, SHUTDOWN FOR PRESSURE TEST
Pressure Test	04/05/2010 13:03					1005.0		START PRESSURE TESTING PUMPING LINES
Pressure Test	04/05/2010 13:06					998.0		END PRESSURE TEST PUMPING LINES
Pump Cement	04/05/2010 13:08		1.5			.0		START PUMPING CEMENT @ 15.8 LBS/GAL 1.18 YLD, 5.01 WR (80 SKS)
Shutdown	04/05/2010 13:16		1.5	12		50.0		SHUTDOWN CEMENT RETURNS TO SURFACE
Other	04/05/2010 13:18							START TO BREAKDOWN FLOOR TO WASH PUMPING LINES AND LET RIG CREW PULL TUBING
Other	04/05/2010 13:25							RELEASED BY CUSTOMER
Post-Job Safety Meeting (Pre Rig-Down)	04/05/2010 13:35							SAFETY MEETING WITH CREW ABOUT RIG DOWN
Rig-Down Equipment	04/05/2010 13:40							START RIGGING DOWN EQUIPMENT
Rig-Down Completed	04/05/2010 15:00							RIG DOWN COMPLETE

Sold To # : 331699

Ship To # :2596834

Quote # :

Sales Order # : 7280046

SUMMIT Version: 7.20.130

Wednesday, April 07, 2010 03:55:00



# HALLIBURTON

## HALLIBURTON

### Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	04/05/2010 15:15							SAFETY MEETING WITH CREW ABOUT TRAVEL BACK TO CAMP
Crew Leave Location	04/05/2010 15:30							CREW DEPARTS LOCATION FOR CAMP
Call Out	04/07/2010 05:00							CREW CALLED OUT TO LOCATION
Pre-Convoy Safety Meeting	04/07/2010 05:45							SAFETY MEETING WITH CREW ABOUT TRAVEL TO LOCATION
Crew Leave Yard	04/07/2010 06:00							CREW LEAVES YARD FOR LOCATION
Arrive At Loc	04/07/2010 09:30							CREW ARRIVES ON LOCATION
Other	04/07/2010 09:45							REQUESTED ON LOCATION 10:00
Assessment Of Location Safety Meeting	04/07/2010 13:00							WORKOVER RIG RIGGING UP TO CUT CASING
Pre-Rig Up Safety Meeting	04/07/2010 13:15							CREW WALKED AROUND LOCATON LOOKING FOR RISKS
Rig-Up Equipment	04/07/2010 13:30							SAFETY MEETING WITH CREW ABOUT RIGGING UP JOB
Rig-Up Equipment	04/07/2010 14:00							START RIGGING UP LINES
Pre-Job Safety Meeting	04/07/2010 14:45							START RUNNING 1" TOP OUT STRING IN HOLE TO 100'
Other	04/07/2010 14:50		1					SAFETY MEETING WITH CREW ABOUT PUMPING JOB
Shutdown	04/07/2010 14:53		1		1.5			START PUMPING FRESH WATER TO FILL HOLE
Pump Cement	04/07/2010 15:00		1					SHUTDOWN FLUID RETURNS TO SURFACE
								START PUMPING CEMENT DOWN BACKSIDE @ 15.8 LBS/GAL, 1.18 YLD 5.01 WR

Sold To # : 331699

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Quote # :

Sales Order # : 7280046

SUMMIT Version: 7.20.130

Wednesday, April 07, 2010 03:55:00

# HALLIBURTON

## HALLIBURTON

### Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	04/07/2010 15:07		1	5	5			SHUTDOWN PUMPING CEMENT DOWN BACKSIDE, CEMENT RETURNS TO SURFACE, PULL 1" STRING TO RERUN DOWN PRODUCTION CASING
Pump Cement	04/07/2010 15:26		1	2				START PUMPING CEMENT DOWN PRODUCTION CASING @ 15.8 LBS/GAL 1.18 YLD 5.01 WR, TOTAL SKS FOR DAY 35
Shutdown	04/07/2010 15:29							SHUTDOWN PUMPING CEMENT, RELEASED FROM LOCATION BY CUSTOMER
Pre-Rig Down Safety Meeting	04/07/2010 15:45							SAFETY MEETING WITH CREW ABOUT RIGGING DOWN
Rig-Down Completed	04/07/2010 16:45							RIG DOWN COMPLETE
Pre-Convoy Safety Meeting	04/07/2010 17:00							SAFETY MEETING WITH CREW ABOUT TRAVEL BACK TO YARD
Crew Leave Location	04/07/2010 17:15							CREW LEAVES LOCATION

Sold To # : 331699

SUMMIT Version: 7.20.130

Ship To # :2596834

Quote # :  
Wednesday, April 07, 2010 03:55:00

Sales Order # : 7280046

The Road to Excellence Starts with Safety

Sold To #: 331699	Ship To #: 2596834	Quote #:	Sales Order #: 7280046
Customer: EXXONMOBIL CORPORATION			
Well Name: PCU		Well #: T22-11G	API/UWI #:
Field: PICEANCE CREEK FIELD	City (SAP): MEEKER	County/Parish: Rio Blanco	State: Colorado
Contractor: WORKOVER			
Rig/Platform Name/Num: 1			
Job Purpose: Squeeze Perfs			
Well Type: Disposal Well			
Job Type: Squeeze Perfs			
Sales Person: TURNER, JAMIE		Srvc Supervisor: ANDERSON, BENJAMIN	MBU ID Emp #: 342843

Job Personnel						
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name
ALLRED, JARED Don		471751	ANDERSON, BENJAMIN L		342843	ESTEP, KENNETH
REYES, ROY Yanvez		460556	SAGE, JAMES Edwin		470468	SMITH, KC Hyrum
SARVER, SACHARY S		219539	LESTER, TYLER C		466945	ESTEP, KENNETH

Equipment						
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #
10724587	mile	10867527	mile	10948686	mile	10948690
10994447	mile	11056349	mile	11127525	mile	11127544
11189139	mile	11307422	mile			

Formation Name				Job Times			
Formation Depth (MD)	Top	Bottom		Called Out	Date	Time	Time Zone
Form Type		BHST		On Location	01 - Apr - 2010	07:30	MST
Job depth MD	2500. ft	Job Depth TVD	2500. ft	Job Started	01 - Apr - 2010	12:00	MST
Water Depth		Wk Ht Above Floor		Job Completed	05 - Apr - 2010	15:15	MST
Perforation Depth (MD)	From 575.00 ft	To	576.00 ft	Departed Loc	07 - Apr - 2010	13:16	MST
					07 - Apr - 2010	17:15	MST

Well Data									
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft
Perforation Interval									
Cast Iron Bridge Plug	Unknown							575.	576.
FasDrill Packer	Unknown							2220.	2223.
Open Hole				6.75				470.	473.
Production Casing	Unknown		5.5	4.778	17.		P-110	515.	2223.
Surface Casing	Unknown		10.75	9.95	40.5		J-55		517.
Production Tubing	Unknown		2.375	2.441	6.5		P-110		2220.

Tools and Accessories														
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	
Guide Shoe					Packer					Top Plug				
Float Shoe					Bridge Plug					Bottom Plug				
Float Collar					Retainer					SSR plug set				
Insert Float										Plug Container				
Stage Tool										Centralizers				

Miscellaneous Materials														
Gelling Agt		Conc	Surfactant		Conc	Acid Type	Qty	Conc	%					
Treatment Fld		Conc	Inhibitor		Conc	Sand Type	Size		Qty					
Fluid Data														
Stage/Plug # 1 4/7/2010														
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk					
1	SqueezeCem	SQUEEZECEM (TM) SYSTEM (452971)	59	sacks	15.8	1.15	4.99	2.0	4.99					
4.989 Gal FRESH WATER														
Stage/Plug # 2 4/2/2010														
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk					
1	SqueezeCem	SQUEEZECEM (TM) SYSTEM (452971)	184	sacks	15.8	1.15	4.99	2.0	4.99					
4.989 Gal FRESH WATER														
Stage/Plug # 3 4/5/2010														
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk					
1	SqueezeCem	SQUEEZECEM (TM) SYSTEM (452971)	60	sacks	15.8	1.15	4.99	2.0	4.99					
4.989 Gal FRESH WATER														
Stage/Plug # 4 4/7/2010														
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk					
1	SqueezeCem	SQUEEZECEM (TM) SYSTEM (452971)	37	sacks	15.8	1.15	4.99	2.0	4.99					
4.989 Gal FRESH WATER														

Calculated Values					Pressures					Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad						
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment						
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job						

Rates							
Circulating		Mixing		Displacement		Avg. Job	
Cement Left In Pipe		Amount	10 ft	Reason		Shoe Joint	
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID

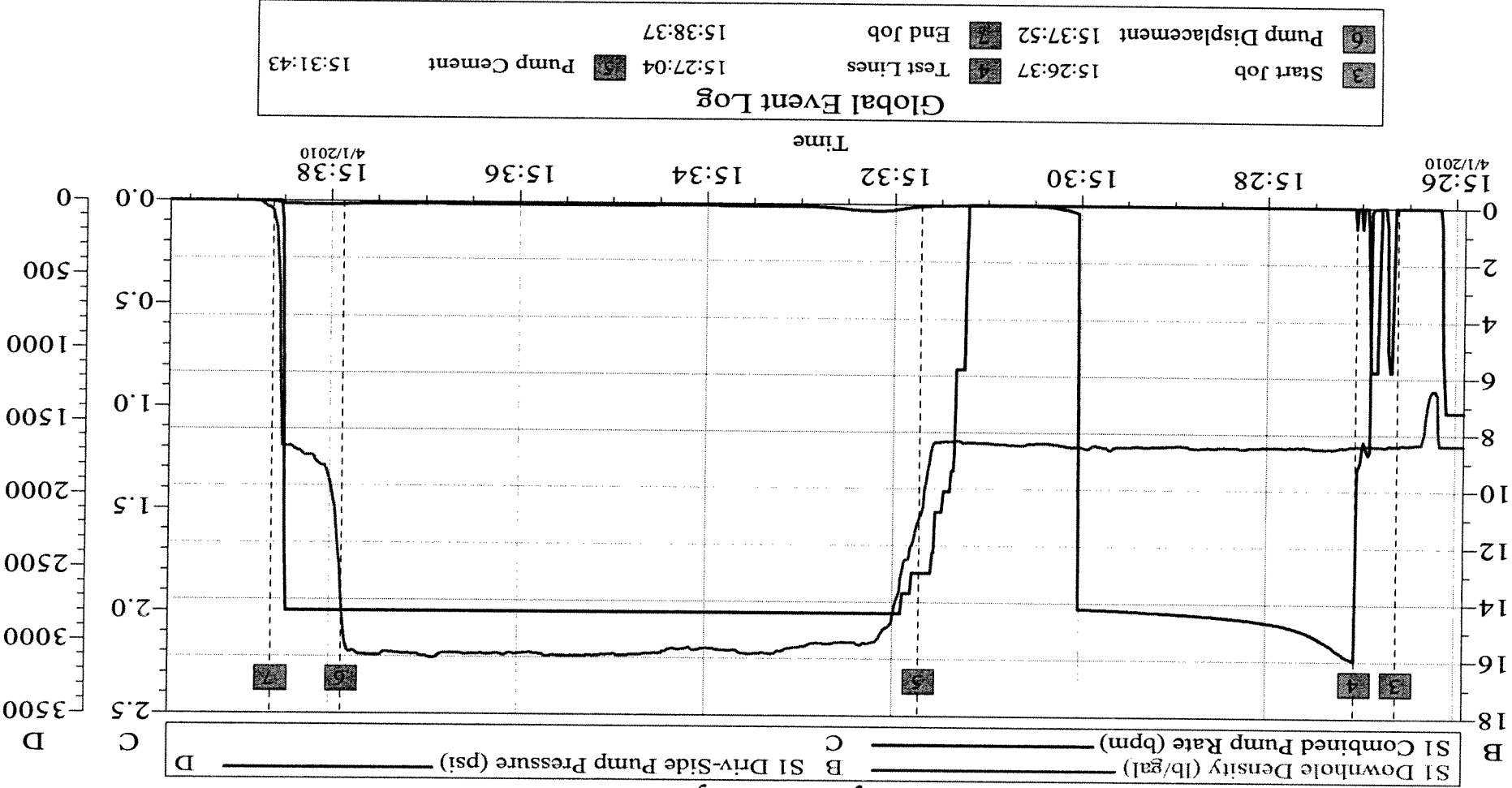
The Information Stated Herein Is Correct

Customer Representative Signature

HALLIBURTON

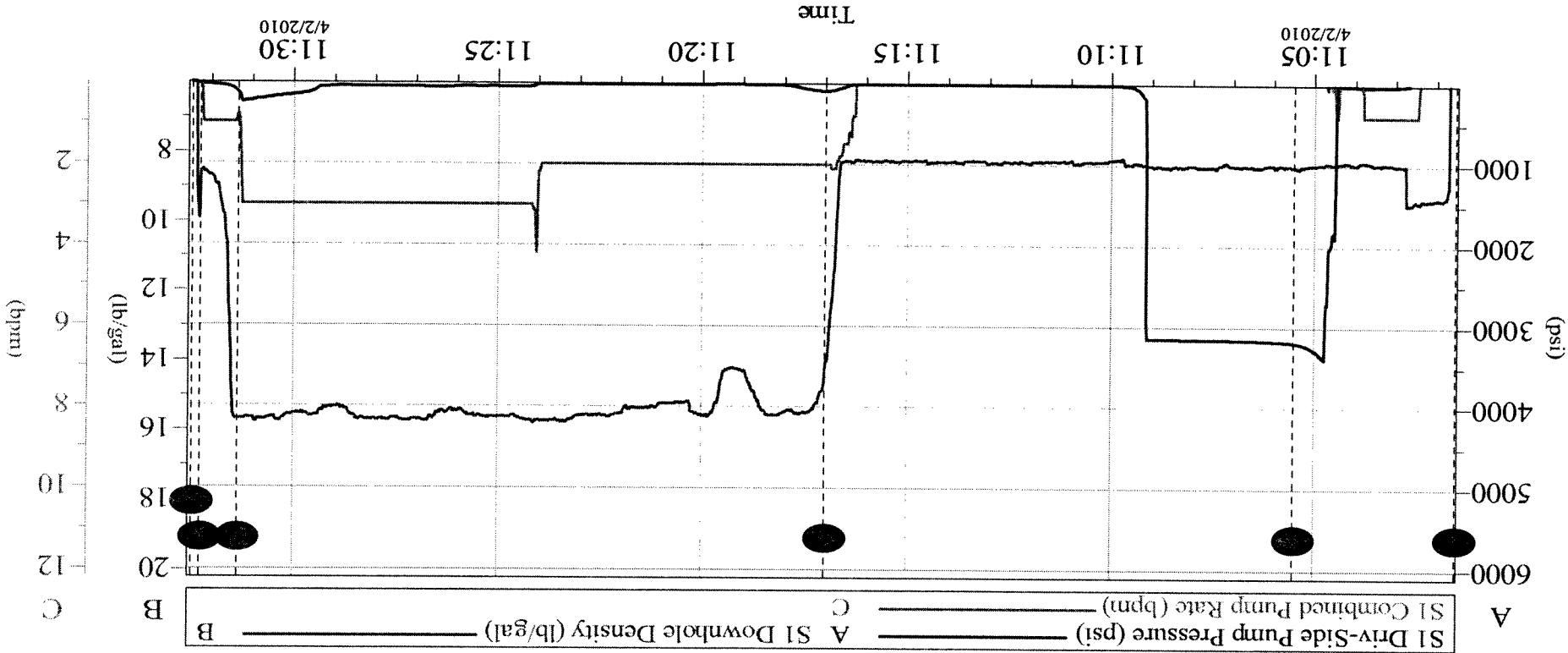
Data Acquisition

PCU T22x-11G PTA  
Summary Chart Day #1



Customer:	Job Date: 01-Apr-2010	Sales Order #: 7280046
Well Description:	UWI:	

EXXONMOBILE - PCU  
WELL 22-11 - DAY 2  
2-APR-2010

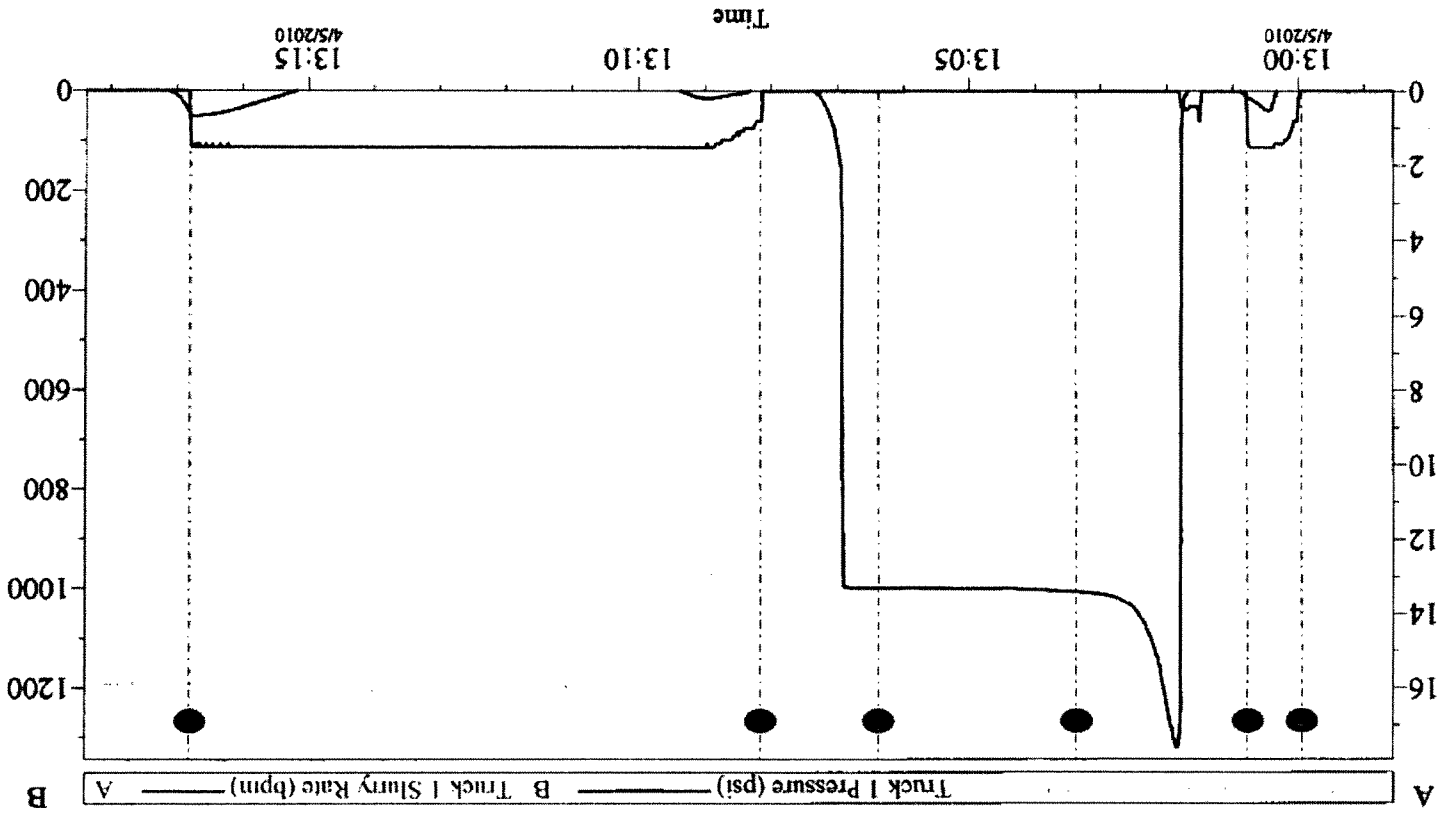


Global Event Log											
Intersection						SDPP			Intersection		
●	Start Job	11:01:32	0.000	●	Test Lines	11:05:30	3191	●	End Job	11:32:28	3.021
●	Pump Cement	11:17:00	95.00	●	Pump Displacement	11:31:21	134.8				
●	Shutdown / broke iron off of tubing	11:32:16	24.61								

Customer: EXXONMOBILE		Job Date: 02-Apr-2010		Sales Order #: 7280046	
Well Description: PCU		WELL 22-11		PUMP TRK 11189139	
SVC SPR STARBUCKS		SVC OPR KC SMITH		SVC OPR ROY REYES	

HALLIBURTON OptCem v6.2.3 02-Apr-10 12:29

ExxonMobil Corporation  
PCU T22-11G PTA



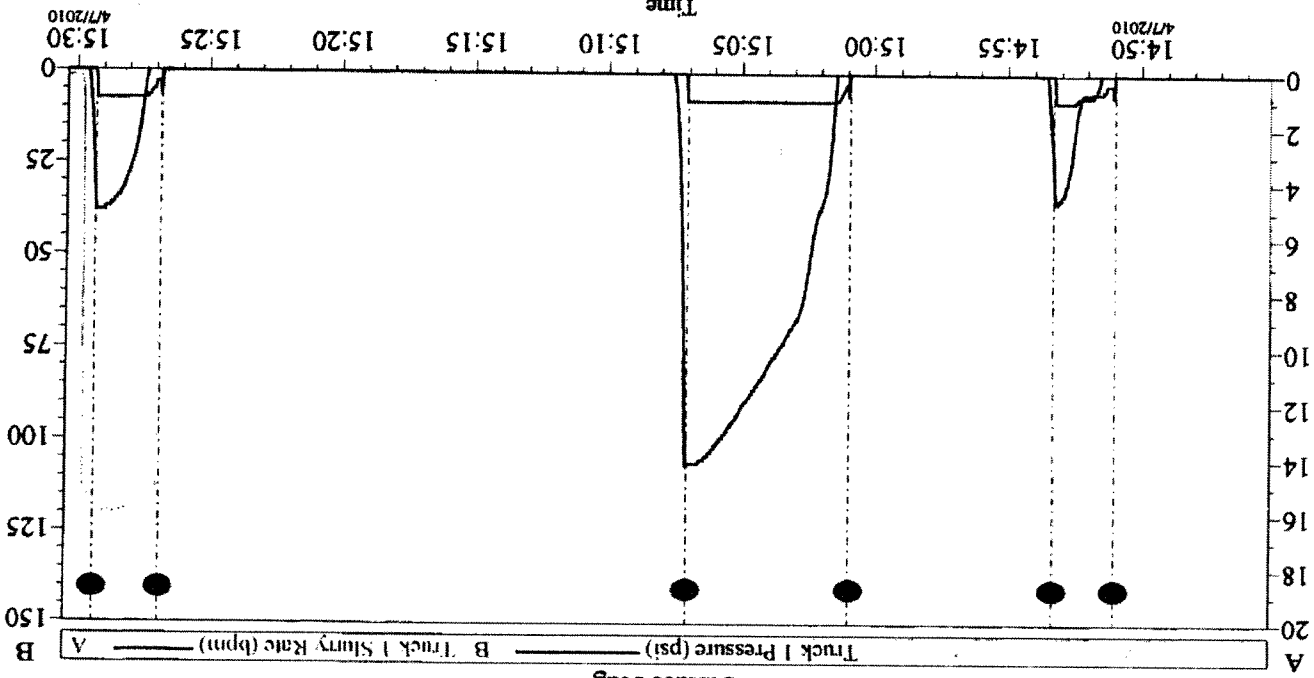
Customer: XOM	Job Date: 05-Apr-2010	Sales Order #: 7280046
Well Description: PCU T22-11G		

OptCem v6.3.3  
05-Apr-10 13:30

HALLIBURTON

ExxonMobil Corporation  
PCU T22-11G PTA

Surface Plug



Local Event Log

●	Start Fill Hole With Water	14:50:58 - 12:00
●	Start Cement @ 15.8 lb/gal Down Backside	15:00:54 - 14:00
●	End Cement	15:26:49 - 13:00
●	Start Cement @ 15.8 lb/gal Down Production Casing	15:29:18 - 32.33
●	End Cement	15:07:02 - 106.0
●	Shutdown	14:53:18 - 28.00

Intersection

TIP

Customer: XOM	Job Date: 07-Apr-2010	Sales Order #: 7280046
Well Description: PCU T22-11G		

OptCem v6.3.3  
07-Apr-10 15:37





Well Name: Pcu B T22-11g  
Operator: Exxonmobil  
Primary Job Typ: Plug and Abandonment Only  
Wellbore: Pcu B T22-11g

Rpt Start Dt/Tm: 2010/03/29 06:00  
Comments  
Travel to loc.  
Held safety meeting and reviewed BJSA.  
Load out equipment for rig move.  
Move equipment from 75-3 to 22-11  
Spot in & mat up. Unload BOPs & spot tool trailer.  
Travel to yard  
SDFN

Rpt Start Dt/Tm: 2010/03/30 06:00  
Comments  
Monthly safety meeting @ Basic Office  
Travel to loc  
Held safety meeting & reviewed BJSA.  
ND Wellhead & NU & test BOPs. Spotted in accumulators. Hooked up BOP lines. PU tools & trash.  
Travel to yard  
SDFN

Rpt Start Dt/Tm: 2010/03/31 06:00  
Comments  
Travel to loc  
Held safety meeting & reviewed BJSA.  
ND BOPs, Added spacer spool, NU BOPs, Changed out pipe rams to 2-3/8, Retested BOPs, Lub out 2 way check.  
MIRU E-line. RIH & set plug in pkr seal assymb.  
Site prep.  
Travel to yard  
SDFN

Rpt Start Dt/Tm: 2010/04/01 06:00  
Comments  
Travel to loc  
Held safety meeting & reviewed BJSA.  
RU Unit, RU work floor, hooked up pump & lines.  
Sting out of pkr & POOH w/ tbg hangerg, 79 jts of 2-3/8 tbg & seal assymb.  
RIH w/ 79 jts of tbg., RU cement & spotted 500' on top of pkr/ plug. POOH w/ 20 jts.  
SWIFN.  
Travel to yard.  
SWIFN.

Rpt Start Dt/Tm: 2010/04/02 06:00

Comments

Travel to loc.

Held safety meeting & reviewed BJSA.

RIH w/ 11 jts of 2-7/8 tbg & tagged cement @ 2135. RU Halliburton cement & circulated cement to 500' kb.

POOH & LD 66 jts of tbg.

Waiting for cement to set up.

RIH & PU 28 jts of tbg. Attempted to tag. Cement still wet. POOH w/ 28 jts of tbg. SWIFN. PU tools & trash.

Travel to yard

SDFN

Rpt Start Dt/Tm: 2010/04/05 06:00

Comments

Travel to loc.

Held safety meeting & reviewed BJSA.

RU new accumulator.

RIH w/ 16 jts & tag cement @ 561' kb. POOH & LD 13 jts, RIH w/12 jts & test casing to 750 psi for 15 minutes.

BLM rep Joe Beck witnessed test.

RU Halliburton cement. Circulate cement to surface.

POOH & LD 12 jts of tbg. RD work floor. ND BOPs & NU nite cap. Load out equip. on trailer. Drain pump & lines.

Travel to yard.

SDFN

Rpt Start Dt/Tm: 2010/04/06 06:00

Comments

Travel to loc

Held safety meeting & reviewed BJSA's.

RU work floor. RU power swivel. PU drill collar & csg. cutter. Csg cutter unable to make a cut. Drag blocks worn

out. RD cutter, drill collar, & power swivel.

Jack hammering cement from around surface csg & wellhead. SIWFN. PU tools & trash.

Travel to yard.

SDFN

Rpt Start Dt/Tm: 2010/04/07 06:00

Comments

Travel to yard

Held safety meeting & reviewed BJSA.

Filled in cellar. RU Unit.

RU work floor, RU power swivel, PU & RIH w/ csg. cutter & drill collar. Cut production casing @ 12' kb.

POOH & LD cutter.

Removed tbg. head. PU & RIH w/ 127' of 1" pipe down production / surface casing annulus. Circulated cement to surface. POOH w/ 1" to surface. RIH w/ 1" down production casing to 53'. Tagged cement plug. Circulated cement to surface. RDMO cement.

Cut off casing head 4' below surface. Remove csg head and 12' of production casing from well. Filled hole with cement to surface. Welded on marker plate with identification per BLM requirements. Covered cellar & secured loc.

Travel to yard.

SDFN

Rpt Start Dt/Tm: 2010/04/08 06:00

Comments

RDMO. Rig moving to SWD 35-12.

Filled in cellar. Covered cellar w/ grating and secured w/ concrete blocks. Graded location.

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Wellbore Schematic - Gov't Agency

Well: Pcu B T22-11g

Field: Piceance Creek Field

ExxonMobil Production Company

Well Header

Lease		County/District		Territory/State		Last Mod Date Any (UTC)		Last Mod By Any	
Piceance Creek - Secondary B		Rio Blanco		Colorado		6/30/2010		ctwede	
Surface Legal Location		Land Survey System		Well Identifier		ID Surface Location			
Orig KB Elev (ft)	KB-Grd (ft)	Gr Elev (ft)	Well Spud Date/Time	Basin		712C4BC4D7AA1F88E0400144F1 ...			
6,995.00			3/6/1977	595					

Transform Code: 60106 - Pcu B T22-11g, 7/1/2010 10:55:49 AM

