



Daily P&A Report

Date: 7/20/2013
Report #: 2.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/19/2013 - 7/20/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 2,990	Cum Field Est To Date (Cost) 4,255	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather CLEAR	Temperature (°F) 90	Road Condition GOOD	

24 HR Operation Summary
MIRU ECWS RIG UP RIG AND SUPPORT EQUIPMENT. READY WELL TO RE ENTER.

Remarks

Daily Pressures		
Type	P (psi)	Note
Casing	0	
Tubing	0	

Daily Contacts		
Contact Name: JEFF SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-9588
Contact Name: BRAD BOEHM	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-6708

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	18:00	12.00	Rig Operations	0:6:00 CREW TRAVEL TO LOC START EQUIPMENT.LET WARM UP HELD SAFETY MEETING PERFORM JAS.ROAD RIG TO LOC SUPPORT EQUIPMENT SPOT BASE BEAM SPOT IN RIG AND RIG UP AND GUY OUT DIGGENG AROUND WELL HEAD CLOSED WELL IN SHUT DOWN TRABEL CREW BACK TO YARD
18:00	06:00	12.00	Secure Well For Night	SWFN

Casing Strings					
Csg Des		Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	390.00	Carrizo Oil & Gas, Inc.	
Wellsite Consultants / Prof Service	185	120	1,500.00	BRAD BOEHM	
Completion Rig	185	106	1,100.00	EASTREN COLORADO WELL SER.	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 7/20/2013
Report #: 1.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/19/2013 - 7/20/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 1,265	Cum Field Est To Date (Cost) 1,265	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary
P&A

Remarks

Daily Pressures		
Type	P (psi)	Note

Daily Contacts		
Contact Name: SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile:

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	07:00	1.00	Other	CREW TRAVEL TO LOCATION
07:00	07:30	0.50	Rig Operations	START EQUIPMENT LET WARM UP
07:30	08:00	0.50	Safety Mtg	SAFETY MEETING GO OVER JSA
08:00	10:00	2.00	Other	ROAD RIG TO LOCATION WITH SUPPORT EQUIPMENT.
10:00	12:00	2.00	Rig Operations	SPOT IN BASE BEAM.. SPOT IN RIG AND RU.. GUIDE OUT.. DIG AROUND WELL HEAD ..
12:00	13:00	1.00	Other	CREW TRAVEL BACK TO YARD
13:00	06:00	17.00	Secure Well For Night	SWFN

Casing Strings					
Csg Des		Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	165.00	Carrizo Oil & Gas, Inc.	
Rig - Move - MIRU, RDMO	185	102	1,100.00	E.C.W.S.	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 7/21/2013
Report #: 3.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/20/2013 - 7/21/2013

Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 2,737	Cum Field Est To Date (Cost) 6,992	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary
P&A

Remarks
SHUT DOWN FOR NIGHT WAIT FOR CAMARON TO FIX WELL HEAD

Daily Pressures

Type	P (psi)	Note

Daily Contacts

Contact Name: SCHNEIDERTitle: DRILLING CONSULTANTPhone Mobile:

Time Log

Start Time	End Time	Dur (hr)	Code 2	Com
06:00	07:00	1.00	Other	CREW TRAVEL TO LOCATION
07:00	07:30	0.50	Rig Operations	START EQUIPMENT LET WARM UP
07:30	08:00	0.50	Safety Mtg	HELD SAFETY MEETING GO OVER JSA
08:00	11:00	3.00	Rig Operations	INSTALL WELL HEAD.. NU BOP WORK FLOOR AND TBG TOOLS.. UNLOSD TBG OFF TRAILER PUT ON PIPE RACKS..
11:00	15:00	4.00	Rig Operations	RIH W/ 6 1/4" BIT AND DRILL COLLARS TAG AT SURFACE.. LD DRILL COLLARS.. ND BOP..
15:00	16:00	1.00	Other	CREW TRAVEL TO YARD
16:00	06:00	14.00	Secure Well For Night	SWFN

Casing Strings

Csg Des	Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade

Daily Costs

Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	357.00	Carrizo Oil & Gas, Inc.	
Completion Rig	185	106	2,380.00	E.C.W.S.	

Personnel Log

Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 7/22/2013
Report #: 4.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/21/2013 - 7/22/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 16,100	Cum Field Est To Date (Cost) 23,092	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather CLEAR	Temperature (°F) 75	Road Condition GOOD	

24 HR Operation Summary
WASH WELL DOWN TO 2038'

Remarks

Daily Pressures		
Type	P (psi)	Note
Casing	0	
Tubing	0	

Daily Contacts		
Contact Name: JEFF SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-9588
Contact Name: BRAD BOEHM	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-6708

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	06:00	24.00	Rig Operations	0:6:00 CREW TRAVEL TO LOC START EQUIPMENT.LET WARM UP HELD SAFETY MEETING PERFORM JAS. INSTALL WELL HEAD BACK ON NU B O P. RU WORK FLOOR .AND TBG TOOLS RU SWIVEL RIH /W6.1/4 BIT PICK UP TBG OF PIPE RACKS.GET DOWN TO 2065 BROKE CIRCULATION AND CIRCULATE CLEAN .CHANGE CREWS CREW TRAVEL BACK TO YARD

Casing Strings					
Csg Des		Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	2,100.00	Carrizo Oil & Gas, Inc.	
Wellsite Consultants / Prof Service	185	120	1,500.00	JEFF SCHNEIDER	
Wellsite Consultants / Prof Service	185	120	1,500.00	BRAD BOEHM	
Completion Rig	185	106	11,000.00	EASTREN COLORADO WELL SER.	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 7/22/2013
Report #: 5.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/21/2013 - 7/22/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 7,538	Cum Field Est To Date (Cost) 30,630	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary
P&A

Remarks

Daily Pressures		
Type	P (psi)	Note

Daily Contacts		
Contact Name: SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile:

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	07:00	1.00	Other	CREW TRAVEL TO LOCATION
07:00	07:30	0.50	Rig Operations	START AND WARM UP EQUIPMENT
07:30	08:00	0.50	Safety Mtg	HELD SAFETY MEETING GOING OVER JSA
08:00	10:30	2.50	Rig Operations	INSTALL WELL HEAD.. NU BOP.. RU RIG FLOOR AND TBG TOOLS.. RU SWIVEL.
10:30	18:00	7.50	Rig Operations	RIH W/ 6 1/4" BIT PICK UP TBG OFF IPE RACKS.. GET DOWN TO 2065' BROKE CIRCULATION AND CIRCULATE CLEAN.
18:00	19:00	1.00	Other	SHIFT CHANGE..CREW TRAVEL TO YARD..
19:00	06:30	11.50	Secure Well For Night	SWFN

Casing Strings					
Csg Des		Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)

Daily Costs					
Cost Des		Code 1	Code 2	Field Est (Cost)	Vendor
Contingency		185	199	983.25	Carrizo Oil & Gas, Inc.
Completion Rig		185	106	6,555.00	E.C.W.S.

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 7/23/2013
Report #: 7.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/22/2013 - 7/23/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 16,100	Cum Field Est To Date (Cost) 52,774	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather CLEAR	Temperature (°F) 75	Road Condition GOOD	

24 HR Operation Summary
WASH WELL DOWN TO 2735'.

Remarks

Daily Pressures		
Type	P (psi)	Note
Casing	0	
Tubing	0	

Daily Contacts		
Contact Name: JEFF SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-9588
Contact Name: BRAD BOEHM	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-6708

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	06:00	24.00	Rig Operations	0:6:00 CREW TRAVEL TO LOC HELD SAFETY MEETING .PERFORM JAS. CHECK PRESSURE ON WELL 0/0 PSI RIH/W 10 STANDS CIRCULATE WELL EVERY 10 STANDS. RIH TO 2735# CIRCULATE WELL CLEAN SHIF CHANGE . TRAVEL CREW BACK TO YARD

Casing Strings					
Csg Des	Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	2,100.00	Carrizo Oil & Gas, Inc.	
Wellsite Consultants / Prof Service	185	120	1,500.00	JEFF SCHNEIDER	
Wellsite Consultants / Prof Service	185	120	1,500.00	BRAD BOEHM	
Completion Rig	185	106	11,000.00	EASTREN COLORADO WELL SER.	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 7/23/2013
Report #: 6.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/22/2013 - 7/23/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 6,043	Cum Field Est To Date (Cost) 36,674	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary
P&A

Remarks

Daily Pressures		
Type	P (psi)	Note

Daily Contacts		
Contact Name: SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile:

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	07:00	1.00	Other	CREW TRAVEL TO LOCATION
07:00	07:30	0.50	Safety Mtg	HELD SAFETY MEETING GOING OVER JSA
07:30	18:00	10.50	Rig Operations	RIH W/ 10 STANDS CIRCULATE WELL EVERY 10 STANDS.. RIH TO 2,735'.. CIRCULATE WELL CLEAN..
18:00	19:00	1.00	Other	SHIFT CHANGE..CREW TRAVEL TO YARD
19:00	07:00	12.00	Secure Well For Night	SWFN

Casing Strings					
Csg Des		Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	788.25	Carrizo Oil & Gas, Inc.	
Completion Rig	185	106	5,255.00	E.C.W.S.	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 7/24/2013
Report #: 9.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/23/2013 - 7/24/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 16,100	Cum Field Est To Date (Cost) 75,894	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather CLEAR	Temperature (°F) 75	Road Condition GOOD	

24 HR Operation Summary
WASH WELL DOWN TO 6084'. CIR HOLE CLEAN. TOO H 2000' FOR SHORT TRIP. CIR HOLE 1 HR. TIH TO PBTD. CIR HOLE. TOO H/W TBG AND BHA.

Remarks

Daily Pressures		
Type	P (psi)	Note
Casing	0	
Tubing	0	

Daily Contacts		
Contact Name: JEFF SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-9588
Contact Name: BRAD BOEHM	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-6708

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	06:00	24.00	Rig Operations	0:6:00 CREW TRAVEL TO LOC HELD SAFETY MEETING .PERFORM JAS. CHANGE CREWS RU POWER SWIVEL BKOKE CIRCULATION RIH/W 5# JTS. DOWN TO 6.084.00 FT WITH 187 JTS 2-7/8" TBG CIRCULATE WELL FOR 3 HOURS RD POWER SWIVEL TOO H 20 STANDS WAIT 2 HOURS RUN BACK IN RU POWER SWIVEL BROKE CIRCULATION EVERYTHING WAS CLEAN RD POWER SWIVEL .TOOH/W TBG CHANGE CREWS

Casing Strings					
Csg Des	Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	2,100.00	Carrizo Oil & Gas, Inc.	
Wellsite Consultants / Prof Service	185	120	1,500.00	JEFF SCHNEIDER	
Wellsite Consultants / Prof Service	185	120	1,500.00	BRAD BOEHM	
Completion Rig	185	106	11,000.00	EASTREN COLORADO WELL SER.	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 7/24/2013
Report #: 8.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/23/2013 - 7/24/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 7,021	Cum Field Est To Date (Cost) 59,794	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary
P&A

Remarks

Daily Pressures		
Type	P (psi)	Note

Daily Contacts		
Contact Name: SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile:

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	07:00	1.00	Other	CREW TRAVEL TO LOCATION
07:00	07:30	0.50	Safety Mtg	HELD SAFETY MEETING GO OVER JSA
07:30	08:00	0.50	Rig Operations	RU POWER SWIVEL
08:00	18:00	10.00	Rig Operations	RIH W 5 JTS.. DOWN TO 6,084' WITH 187 JTS 2-7/8" TBG.. CIRCULATE WELL FOR 3 HOURS.. RD POWER SWIVEL.. TOO H W/ 20 STANDS.. WAIT 2 HOURS.. RIH.. RU POWER SWIVEL.. BROKE CIRCULATION EVERYTHING WAS CLEAN.. RD POWER SWIVEL.. TOO H W/ TBG.. CREW CHANGE..
18:00	19:00	1.00	Other	CREW TRAVEL
19:00	06:00	11.00	Secure Well For Night	SWFN

Casing Strings					
Csg Des	Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	915.75	Carrizo Oil & Gas, Inc.	
Completion Rig	185	106	6,105.00	E.C.W.S.	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 7/25/2013
Report #: 10.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/24/2013 - 7/25/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 16,100	Cum Field Est To Date (Cost) 91,994	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather CLEAR	Temperature (°F) 75	Road Condition GOOD	

24 HR Operation Summary
TIH SET SWELL PKR AT 5700' LAND TBG IN WELL HEAD. RD RIG AND SUPPORT EQUIPMENT. MOL.

Remarks

Daily Pressures		
Type	P (psi)	Note
Casing	0	
Tubing	0	

Daily Contacts		
Contact Name: JEFF SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-9588
Contact Name: BRAD BOEHM	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-6708

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	06:00	24.00	Rig Operations	MU SWELL PKR TO 2 7/8" TBG. TIH SET SWELL PKR AT 7506'. LAND TBG IN WELL HEAD. NU DRY HOLE TREE. RIG DOWN RIG AND SUPPORT EQUIPMENT MOVE OFF LOCATION.

Casing Strings					
Csg Des	Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	2,100.00	Carrizo Oil & Gas, Inc.	
Wellsite Consultants / Prof Service	185	120	1,500.00	JEFF SCHNEIDER.	
Wellsite Consultants / Prof Service	185	120	1,500.00	BRAD BOEHM	
Completion Rig	185	106	11,000.00	EASTREN COLORADO WELL SER.	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 7/25/2013
Report #: 11.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 7/24/2013 - 7/25/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 6,952	Cum Field Est To Date (Cost) 98,946	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary
P&A

Remarks

Daily Pressures		
Type	P (psi)	Note

Daily Contacts		
Contact Name: SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile:

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	07:00	1.00	Other	CREW TRAVEL TO LOCATION
07:00	07:30	0.50	Safety Mtg	HELD SAFETY MEETING GO OVER JSA
07:30	18:00	10.50	Rig Operations	RIH W/ 6 1/4" BIT AND DRILL COLLARS AND TBG.. 81 JTS DOWN TYO 2,634'.. BROKE CIRCULATION AND CIRCULATE WELL FOR 35 MIN.. RIH W/ 50 JTS.. DOWN TO 4,260' CIRCULATE CLEAN.. RIH DOWN TO 6,084' WITH 187 JTS.. CIRCULATE WELL FOR 3 HOURS.. RD POWER SWIVEL.. TOOH LAYING DOWN 26 JTS.. STAND BACK REST OF TBG.. LAY DOWN 6 DRILL COLLARS.. CREW CHANGE.
18:00	19:00	1.00	Other	CREW TRAVEL TO YARD..

Casing Strings					
Csg Des		Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	906.75	Carrizo Oil & Gas, Inc.	
Completion Rig	185	106	6,045.00	E.C.W.S.	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 9/12/2013
Report #: 12.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 9/11/2013 - 9/12/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 1,725	Cum Field Est To Date (Cost) 100,671	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary
WASH DOWN TBG.. CIRC CLEAN

Remarks

Daily Pressures		
Type	P (psi)	Note

Daily Contacts		
Contact Name: DON BEAVER	Title: DRILLING CONSULTANT	Phone Mobile: 720-281-7245

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	07:00	1.00	Other	CREW TRAVEL TO LOCATION
07:00	07:30	0.50	Rig Operations	WARM UP RIG
07:30	08:00	0.50	Safety Mtg	HOLD A SAFETY MEETING GO OVER JSA
08:00	11:00	3.00	Rig Operations	TIH OPEN ENDED W/ 186 JTS 2 7/8" TBG TO 6,072'..
11:00	13:00	2.00	Rig Operations	RU PUMP & CIRC / WAIT ON CEMENTERS.. CEMENTERS DID NOT SHOW UP DUE TO TRUCKS BEING STUCK ON ANOTHER LOCATION.
13:00	16:00	3.00	Rig Operations	TOOH 60 JTS TBG TO 4,113'.. SDFN
16:00	17:00	1.00	Other	CREW TRAVEL TO YARD
17:00	06:00	13.00	Secure Well For Night	SWFN

Casing Strings					
Csg Des		Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	225.00	Carrizo Oil & Gas, Inc.	
Wellsite Consultants / Prof Service	185	120	1,500.00	The Beaver Excavating Company	
Completion Rig	185	106	0.00	Ensign Well Service	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 9/17/2013
Report #: 13.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 9/16/2013 - 9/17/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 16,813	Cum Field Est To Date (Cost) 117,484	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary
P&A

Remarks

Daily Pressures		
Type	P (psi)	Note

Daily Contacts		
Contact Name: DON BEAVER	Title: DRILLING CONSULTANT	Phone Mobile: 720-281-7245

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	07:00	1.00	Other	CREW TRAVEL TO LOCATION
07:00	11:30	4.50	Other	WAIT ON CEMENT TRUCKS TO ARRIVE ON LOCATION
11:30	12:30	1.00	Rig Operations	TIH W/ 60 JTS IN DERRICK.. 187 JTS 2 7/8" TBG P-110 TOTAL (6,072').. BREAK CIRCULATION W / RIG PUMP..
12:30	13:48	1.30	Cementing	MIRU BISON CEMENTERS.. HELD SAFETY MEETING.. PRESSURE TEST LINES TO 1500 PSI.. PUMP 10 BBL WATER SPACER.. 200 SX (30.97 BBL SLURRY) OF CLASS "G" NEAT 15.8 LB.. 1.15 YIELD CMT.. DISPLACE W/ 29 BBL WATER F/ BALANCED PLUG.. WASH UP LINES. RDMOL BISON
13:48	15:24	1.60	Rig Operations	TOOH W/ 186 JTS & STAND TBG TO DERRICK. SDFN
15:24	16:24	1.00	Other	CREW TRAVEL TO YARD
16:24	06:00	13.60	Secure Well For Night	SWFN

Casing Strings					
Csg Des	Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	2,193.00	Carrizo Oil & Gas, Inc.	
Wellsite Consultants / Prof Service	185	120	1,500.00	The Beaver Excavating Company	
Completion Rig	185	106	3,700.00	Ensign Well Service	
Cement & Cement Service	185	110	9,040.00	BISON CEMENTERS	
Equipment Rental	185	118	380.00	DEVOE / DISPOSAL	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 9/18/2013
Report #: 14.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 9/17/2013 - 9/18/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 1,725	Cum Field Est To Date (Cost) 119,209	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary
P&A

Remarks

Daily Pressures		
Type	P (psi)	Note

Daily Contacts		
Contact Name: DON BEAVER	Title: DRILLING CONSULTANT	Phone Mobile: 720-281-7245

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	07:00	1.00	Other	CREW TRAVEL TO LOCATION
07:00	07:30	0.50	Rig Operations	WARM EQUIPMENT
07:30	08:00	0.50	Safety Mtg	HELD SAFETY MEETING COVERING JSA
08:00	12:30	4.50	Rig Operations	CHECK PRESSURE (0/0).. TIH W/ 2 7/8" TBG.. TAG CMT @ 5,603' W / 172 JTS 2 7/8" TBG.. TOOHL LD TBG TO 555' W/ 17 TJS 2 7/8" TBG..
12:30	14:00	1.50	Cementing	MIRU BISON CEMENTERS.. HELD A SAFETY MEETING.. PRESSURE TEST LINES TO 1000 PSI.. PUMP 5 BBL WATER AHEAD TO BREAK CIRC.. PUMP 460 SX 15.8 LB., YIELD.. 94.2 BBL SLURRY.. RAN OUT OF CEMENT.. DID NOT GET CEMENT TO SURFACE.. PUMP 1/2 BBL WATER TO CLEAR LINES.. LD 17 JTS 2 7/8" TBG.. WAIT ON CEMENT..
14:00	14:30	0.50	Rig Operations	TIH TO TAG CEMENT @ 480' W/ 15 JTS 2 7/8" TBG.. TOOHL SB TO DERRICK.. SDFN
14:30	15:30	1.00	Other	CREW TRAVEL TO YARD
15:30	06:00	14.50	Secure Well For Night	SWFN

Casing Strings					
Csg Des		Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	225.00	Carrizo Oil & Gas, Inc.	
Wellsite Consultants / Prof Service	185	120	1,500.00	The Beaver Excavating Company	
Completion Rig	185	106	0.00	Ensign Well Service	
Cement & Cement Service	185	110	0.00	BISON CEMENTERS	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 9/19/2013
Report #: 15.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 9/18/2013 - 9/19/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 15,733	Cum Field Est To Date (Cost) 134,942	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary P&A
Remarks

Daily Pressures		
Type	P (psi)	Note

Daily Contacts		
Contact Name: DON BEAVER	Title: DRILLING CONSULTANT	Phone Mobile: 720-281-7245

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	07:00	1.00	Other	CREW TRAVEL TO LOCATION
07:00	07:30	0.50	Rig Operations	WARM EQUIPMENT
07:30	08:00	0.50	Safety Mtg	HELD SAFETY MEETING COVERING JSA
08:00	08:30	0.50	Rig Operations	CHECK PRESSURE (0/0).. TIH W/ 2 7/8" TBG TO TAG CEMENT.. TAG @ 382' W/ 12 JTS
08:30	09:30	1.00	Cementing	MIRU BISON CEMENTERS.. BREAK CIRC W/ RIG PUMP.. PRESSURE TEST.. MTG.. PUMP CEMENT TO SURFACE.. PUMPED 280 SX, 15.2# 1.27 YIELD 63.3 BBLs SLURRY, DISPLACE W/ 1 BBL WATER
09:30	11:30	2.00	Other	WAIT ON CEMENT
11:30	12:00	0.50	Rig Operations	RIH W/ 1 JTS 2 7/8" TBG.. TAG CEMENT 2 28' FROM SURFACE
12:00	12:30	0.50	Cementing	MIX 2 BBLs CEMENT.. PUMP CEMENT TO SURFACE.. TOOK 3/4 BBL.. RDMO BISON
12:30	13:48	1.30	Rig Operations	ND BOP.. RDMOL SERVICE RIG.. SWFN
13:48	14:48	1.00	Other	CREW TRAVEL TO YARD
14:48	06:00	15.20	Secure Well For Night	SWFN

Casing Strings					
Csg Des	Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade

Daily Costs					
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description
Contingency	185	199	2,052.15	Carrizo Oil & Gas, Inc.	
Wellsite Consultants / Prof Service	185	120	1,500.00	The Beaver Excavating Company	
Completion Rig	185	106	2,700.00	Ensign Well Service	
Cement & Cement Service	185	110	8,701.00	BISON CEMENTERS	
Contract Labor & Services	185	119	380.00	DEVOE / DISPOSAL	
Contract Labor & Services	185	119	400.00	ENSIGN TRUCKING	

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)



Daily P&A Report

Date: 10/25/2013
Report #: 16.0
AFE #: 313301
API #:

Well Name: State 14-36 P&A

Field Name NIOBRARA SHALE	API/UWI	Drilling Permit #	State Plane (E/W - X) (ft)	State Plane (N/S - Y) (ft)
Contractor WORKOVER UNIT	Rig Number EASTREN COLORADO WELL SERVICE RIG #38	County WELD	State/Province COLORADO	Well Configuration Type NA

Daily Operations: 10/24/2013 - 10/25/2013				
Job Category PLUG & ABANDON	AFE Number 313301	Daily Field Est Total (Cost) 4,462	Cum Field Est To Date (Cost) 139,404	Total AFE + Supp Amount (Cost) 217,988
Original KB Elevation (ft)	Weather	Temperature (°F)	Road Condition	

24 HR Operation Summary
MIRU SELECT ROUSTABOUT CREW. DIG UP WELLHEAD. RU WELDER AND CUT CASING OFF 5' BELOW GROUND LEVEL AND WELD ON PLATE. BACK FILL AND CLEAN UP LOCATION. SEND HEAD TO CACTUS WELLHEAD IN CHEYENNE WYO.

Remarks

Daily Pressures		
Type	P (psi)	Note

Daily Contacts		
Contact Name: JEFF SCHNEIDER	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-9588
Contact Name: BRAD BOEHM	Title: DRILLING CONSULTANT	Phone Mobile: 970-381-6708

Time Log				
Start Time	End Time	Dur (hr)	Code 2	Com
06:00	18:00	12.00	Rig Operations	0:6:00 CREW TRAVEL TO LOC START EQUIPMENT.LET WARM UP HELD SAFETY MEETING PERFORM JAS. INSTALL WELL HEAD . NU B O P .WORK FLOOR TBG TOOLS .UNLOAD TBG OFF TRAILER PUT ON PIPE RACKS . RIH /W 6.1/4" BIT AND DRILL COLLARS TAG AT SURFACES .LD DRILL COLLAR. ND B O P SHUT DOWN WAIT TILL NEX DAY CAMARON FIX WELL HEAD SWFN. SWFN
13:00	01:00	12.00	Secure Well For Night	
18:00	13:00	19.00	Secure Well For Night	

Casing Strings					
Csg Des		Set Depth (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)

Daily Costs						
Cost Des	Code 1	Code 2	Field Est (Cost)	Vendor	Product Description	
Contingency	185	199	582.00	Carrizo Oil & Gas, Inc.		
Wellsite Consultants / Prof Service	185	120	1,500.00	BRAD BOEHM		
Completion Rig	185	106	2,380.00	EASTREN COLORADO WELL SER.		

Personnel Log			
Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)