

NEW MEXICO OIL CONSERVATION DIVISION
DISTRICT 2 OFFICE
811 S. FIRST STREET
ARTESIA, NM 88210
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: CHEVRON

Well Name & Number: Jade State #4

API #: 30-015-33134

1. Produced water will not be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon recéipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perms, before any plugs can be set, by whatever means possible.
8. Cement Retainers may not be used.

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-33134
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other Water Injection <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Chevron U.S.A. INC.		6. State Oil & Gas Lease No.
3. Address of Operator 15 Smith Road Midland, TX 79705		7. Lease Name or Unit Agreement Name JAKE STATE
4. Well Location Unit Letter <u>E</u> : <u>1650'</u> feet from the <u>NORTH</u> line and <u>660'</u> feet from the <u>West</u> line Section <u>36</u> Township <u>24-S</u> Range <u>26-E</u> NMPM County <u>Lea</u>		8. Well Number: 4
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3340' KB		9. OGRID Number: 4323
		10. Pool name or Wildcat BLACK RIVER SW (MORROW)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

TD-11800' PB-11470' PERFS: 9965', 11128 - 11424', Set-CIBP @ 11480', CIBP @ 11304, CIBP @ 9915'
13-3/8" 48# @ 360', w/315 sks of cement, 17-12" hole, TOC, Surface
9-5/8" 36# @ 2000' w/1350 sks of Class C cement, 12-1/4" hole, TOC, Surface
7" 26# @ 8913' w/1775 sks of cement, 8-5/8" hole, TOC @ 1800' TS
4-1/2" Liner TOL @ 8702'

CONDITIONS OF APPROVAL ATTACHED

Approval Granted providing work is Completed by

9/13/2016

RECEIVED

Approved for plugging of well bore only.
Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under: Forms, www.oecd.state.nm.us/oecd.

1. MIRUWSU. NDWH. NUBOPE.
2. Tag CIBP @ 9815' w/10 sks of H cement.
3. Pressure Test casing to 500 psi and record/report findings.
4. Set Plug w/50 sks of H cement @ 8913'-8613' CTOC. WOC & TAG, (covers Shoe & TOL)
5. Set Plug w/30 sks of H cement @ 6500'-6300' CTOC.
6. Set Plug w/30 sks of Class C cement @ 4500'-4300' CTOC
7. Set Plug w/30 sks of Class @ 2100' -1900' WOC & TAG, (covers Shoe)
8. Perf & Circulate w/200sx of C cement 460'-Surface.
9. Cut off wellhead and anchors 3' below grade. Weld on dry hole marker. Clean location.
10. CLOSED LOOP SYSTEM USED.

Need Well bore diagram of before and after

Spud Date:

Rig Release Date:

LAST Prod 10/1/2011

T/A STATUS expires 4/23/15

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Representative DATE 01/19/2015

Type or print name Robert Holden E-mail address: rholden@keyenergy.com PHONE: 432-523-5155

For State Use Only

APPROVED BY: [Signature] TITLE Dist. Supervisor DATE 2/13/2015

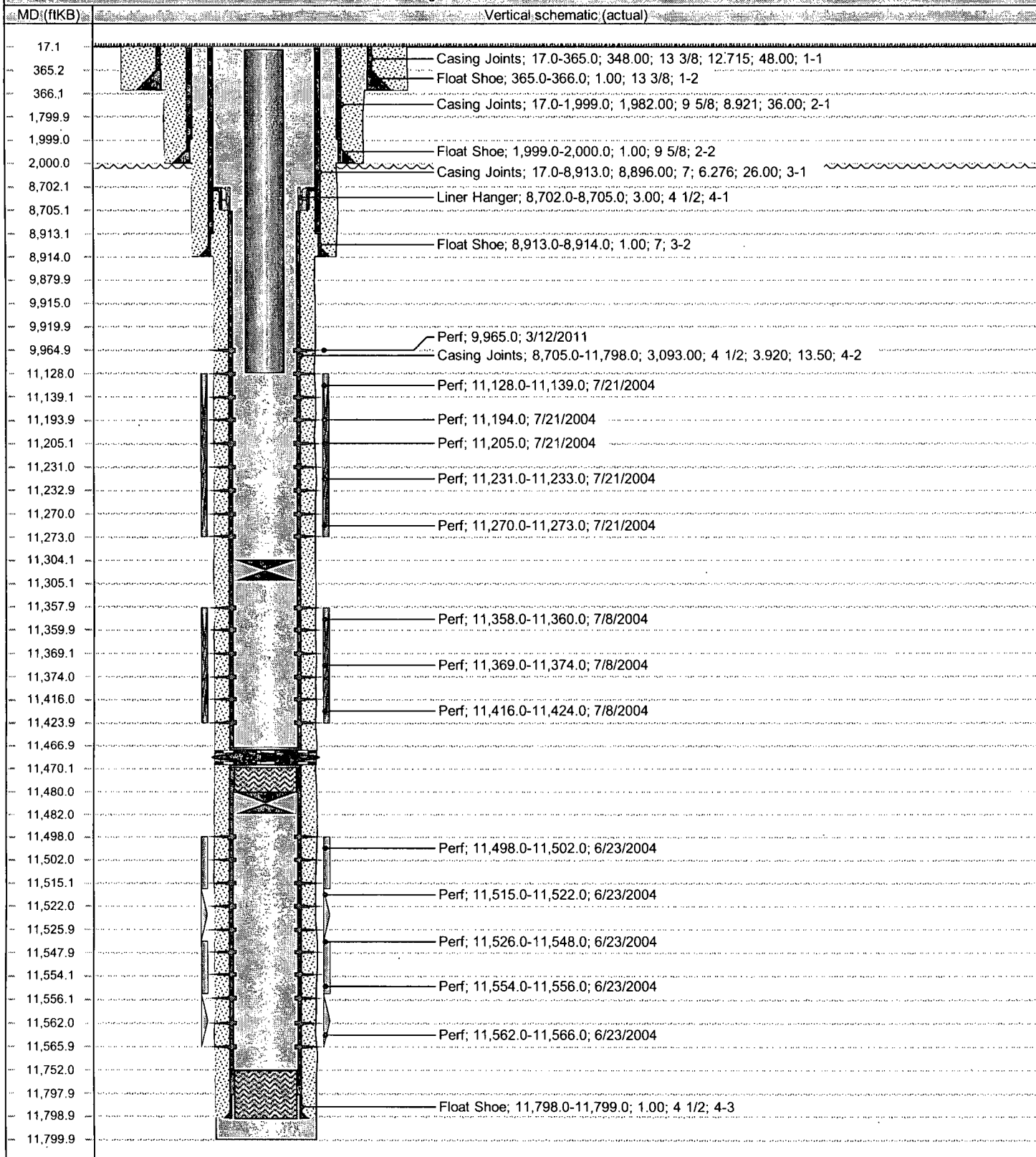
* See Attached COA's

Current Wellbore Schematic

WELL (PN): JAKE STATE 4(CVX) (819505)
 FIELD OFFICE: HOBBS
 FIELD: Black River SW (Morrow)
 STATE / COUNTY: NEW MEXICO / EDDY
 LOCATION: SEC 36-24S-26E, 1650 FNL & 660 FWL
 ROUTE: HOB-NM-ROUTE 10- DAVID ORTEGA
 ELEVATION: GL: 3,323.0 KB: 3,340.0 KB Height: 17.0
 DEPTHS: TD: 11,800.0

API #: 3001533134
 Serial #:
 SPUD DATE: 4/28/2004
 RIG RELEASE: 6/7/2004
 1ST SALES GAS: 8/5/2004
 1ST SALES OIL:
 Current Status: T/A

Original Hole, 5/16/2013 1:53:41 PM



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Wellbore Sections								Perforations			
Section Des		Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Date	Zone/Formation	Top (ftKB)	Btm (ftKB)			
Surface		17 1/2	17.0	366.0	3/12/2011	MORROW	9,965.0	9,965.0			
Intermediate 1		12 1/4	366.0	2,000.0	7/21/2004	MORROW	11,128.0	11,139.0			
Intermediate 2		8 3/4	2,000.0	8,914.0	7/21/2004	MORROW	11,194.0	11,194.0			
Production		6 1/8	8,914.0	11,800.0	7/21/2004	MORROW	11,205.0	11,205.0			
Casing String: Surface Run Date: 4/30/2004					7/21/2004	MORROW	11,231.0	11,233.0			
Set Depth (ftKB)		Wellbore			7/21/2004	MORROW	11,270.0	11,273.0			
366.0		Original Hole			7/8/2004	MORROW	11,358.0	11,360.0			
Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	7/8/2004			
Casing Joints	13 3/8	12.715	12.559	48.00	H-40	17.0	365.0	7/8/2004			
Float Shoe	13 3/8					365.0	366.0	7/8/2004			
Casing String: Intermediate 1 Run Date: 5/3/2004					6/23/2004	MORROW	11,498.0	11,502.0			
Set Depth (ftKB)		Wellbore			6/23/2004	MORROW	11,515.0	11,522.0			
2,000.0		Original Hole			6/23/2004	MORROW	11,526.0	11,548.0			
Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	6/23/2004			
Casing Joints	9 5/8	8.921	8.765	36.00	J-55	17.0	1,999.0	6/23/2004			
Float Shoe	9 5/8					1,999.0	2,000.0	6/23/2004			
Casing String: Intermediate 2 Run Date: 5/16/2004					General Notes						
Set Depth (ftKB)		Wellbore			Date	Comment					
8,914.0		Original Hole			6/23/2004	PERF @ 11498'-502', 515'-522', 526'-548', 554'-556', 562'-566'.					
Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Date			
Casing Joints	7	6.276	6.151	26.00	L-80	17.0	8,913.0	6/24/2004			
Float Shoe	7					8,913.0	8,914.0	6/24/2004			
Casing String: Liner Run Date: 6/6/2004					Date	Comment					
Set Depth (ftKB)		Wellbore			7/8/2004	PERF @ 11358'-360', 369'-374', 416'-424'.					
11,799.0		Original Hole			7/11/2004	FRAC 10358'-11424' w/ 285.71 bbl & 40000# sd.					
Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Date			
Liner Hanger	4 1/2					8,702.0	8,705.0	7/21/2004			
Casing Joints	4 1/2	3.920	3.795	13.50	P-110	8,705.0	11,798.0	7/21/2004			
Float Shoe	4 1/2					11,798.0	11,799.0	7/22/2004			
Cement Tops					Date	Comment					
Des		TOC (ftKB)			3/4/2011	SWAB					
Surface Casing Cement		17.0			3/12/2011	Comment					
Intermediate Casing Cement		17.0			RIGGED UP PRECISION WIRELINE. RIH WITH A 1.906 TO 10,672'. PICKED UP A PLUG RIH AND SET PLUG AT 9996'. PULLED OUT AND PICKED UP THE PERF. GUN AND SHOT A HOLE AT 9965; LET TBG AND CSG EQUILIZE. RIGGED DN PRECISION						
Intermediate Casing Cement		1,800.0			Date	Comment					
Liner Cement		8,702.0			3/13/2011	RIGGED UP INTEGRITY. O MCF STARTING TBG AN CSG 235/280 MADE 6 RUNS AND RECOVERED 20 BBLS ENDING TBG AND CSG. 0/0 RIGGED DN					
Cement Plug		11,470.0			3/14/2011	Comment					
Cement Plug		9,880.0			3/15/2011	SWAB					
Other In Hole					Date	Comment					
Des	OD (in)	ID (in)	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	RIG SWAB UNIT DOWN, HAVE SAFTEY MEET. PUT 2 NEW ANCHORSIN TEST ANCHORS, RIG UP INTEGRITY WELL SER. NU BOP, BLEED WELL DOWN, NU BOP, TRY TO RELEASE PKR COULD NOT, RELEASEON & OFF TOOL EQUALIZE WELL LATCH BACK ON PLUG, STILL COULD NOTRELEASE PKR, HAVE MOVEMENT IN PKR BUT SLIPS WILL NOT RELEASE.CLOSE WELL IN SDON				
Cast Iron Bridge Plug	3 3/4		11,480.0	11,482.0	6/26/2004		Date				
Packer	4 1/2		11,467.0	11,470.0	7/10/2004		Comment				
Composite Bridge Plug	3 3/4		11,304.0	11,305.0	7/20/2004		3/15/2011				
Cast Iron Bridge Plug	4 1/2		9,915.0	9,920.0	11/7/2012		RIG SWAB UNIT DOWN, HAVE SAFTEY MEET. PUT 2 NEW ANCHORSIN TEST ANCHORS, RIG UP INTEGRITY WELL SER. NU BOP, BLEED WELL DOWN, NU BOP, TRY TO RELEASE PKR COULD NOT, RELEASEON & OFF TOOL EQUALIZE WELL LATCH BACK ON PLUG, STILL COULD NOTRELEASE PKR, HAVE MOVEMENT IN PKR BUT SLIPS WILL NOT RELEASE.CLOSE WELL IN SDON				
Stimulations & Treatments					Date	Comment					
<Stage Number?> Acidizing					3/16/2011	GET OFF OF PKR, TOOH WITH 352 JNTS OF TBGON & OFF TOOL, HAD IN TBG AT 9965' AND WE FOUND HOLE IN TBG 1 JNT ABOVE ON & OFF TOOL, TIH W/ON & OFF TOOL SN & 299 JNTS OFTBG, CLOSE WELL IN SDON.					
Date	Zone/Formation		Wellbore								
6/24/2004			Original Hole								
Stage Type	Top Depth (ftKB)	Bottom Depth (ftKB)	VolPumped (bbl)	Q Treat Avg (bbl/min)							
Acidization	11,498.0	11,566.0	35.71	0.08							
<Stage Number?> Sand Frac					Date	Comment					
Date	Zone/Formation		Wellbore								
7/11/2004			Original Hole								
Stage Type	Top Depth (ftKB)	Bottom Depth (ftKB)	VolPumped (bbl)	Q Treat Avg (bbl/min)							
Sand	11,358.0	11,424.0	285.71	0.60							

General Notes	
Date	Comment
6/23/2004	PERF @ 11498'-502', 515'-522', 526'-548', 554'-556', 562'-566'.
6/24/2004	ACDZ 11498'-11566' w/ 35.71 bbl 7.5% HCl.
7/8/2004	PERF @ 11358'-360', 369'-374', 416'-424'.
7/11/2004	FRAC 10358'-11424' w/ 285.71 bbl & 40000# sd.
7/21/2004	PERF @ 11128'-139', 194', 205', 231'-233', 270'-273'.
7/22/2004	FRAC 11128'-273' w/ 107.14 bbl & 45100# sd.
2/1/2007	P: 0 BO, 7 BW, 662 MCFG, FTP 215, FCP 0#.
3/4/2011	SWAB
3/12/2011	RIGGED UP PRECISION WIRELINE. RIH WITH A 1.906 TO 10,672'. PICKED UP A PLUG RIH AND SET PLUG AT 9996'. PULLED OUT AND PICKED UP THE PERF. GUN AND SHOT A HOLE AT 9965; LET TBG AND CSG EQUALIZE. RIGGED DN PRECISION
3/13/2011	RIGGED UP INTEGRITY. 0 MCF STARTING TBG AN CSG 235/280 MADE 6 RUNS AND RECOVERED 20 BBLS ENDING TBG AND CSG. 0/0 RIGGED DN
3/14/2011	SWAB
3/15/2011	RIG SWAB UNIT DOWN, HAVE SAFETY MEET. PUT 2 NEW ANCHORSIN TEST ANCHORS, RIG UP INTEGRITY WELL SER. NU BOP, BLEED WELL DOWN, NU BOP, TRY TO RELEASE PKR COULD NOT, RELEASEON & OFF TOOL EQUALIZE WELL LATCH BACK ON PLUG, STILL COULD NOTRELEASE PKR, HAVE MOVEMENT IN PKR BUT SLIPS WILL NOT RELEASE.CLOSE WELL IN SDON
3/16/2011	GET OFF OF PKR, TOOH WITH 352 JNTS OF TBGON & OFF TOOL, HAD IN TBG AT 9965' AND WE FOUND HOLE IN TBG 1 JNT ABOVE ON & OFF TOOL, TIH W/ON & OFF TOOL SN & 299 JNTS OFTBG, CLOSE WELL IN SDON.

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 Current Status: T/A

Type Proppant - Natural	Additive Brown Sand	Sand Size 18/40	Amount 40,000.0	Units lb	General Notes	
<Stage Number?> Sand Frac					Date 3/17/2011	Comment HAVE SAFTEY MEET. GET OFF OF PKR, TOO H WITH 352 JNTS OF TBGON & OFF TOOL, HAD IN TBG AT 9965' AND WE FOUND HOLE IN TBG 1 JNT ABOVE ON & OFF TOOL, TIH W/ON & OFF TOOL SN & 299 JNTS OF TBG, CLOSE WELL IN SDON.
Date 7/22/2004	Zone/Formation		Wellbore Original Hole			
Stage Type Acidization	Top Depth (ftKB) 11,128.0	Bottom Depth (ftKB) 11,273.0	VolPumped (bbl) 47.62	Q Treat Avg (bbl/min) 0.71		
Stage Type Pad	Top Depth (ftKB) 11,128.0	Bottom Depth (ftKB) 11,273.0	VolPumped (bbl) 107.14	Q Treat Avg (bbl/min) 0.71		
Stage Type Sand	Top Depth (ftKB) 11,128.0	Bottom Depth (ftKB) 11,273.0	VolPumped (bbl) 45,100.0	Q Treat Avg (bbl/min) 0.71	Date 3/18/2011	Comment HAVE SAFTEY MEET. 0 ON TBG 60 ON CSG, PICK UP 2 NEW JNTS OF 2 3/8 TBG, LEAVE 1 JNT ABOVE PKR. ND BOP NU WELL HEADRIG DOWN WORKOVER RIG, MIRU SWAB UNIT STARTING TBG AND CSG 30/8 MADE 11 RUNS AND RECOVERED 24 BBLs. ENDING TBG AND CSG 40/45 FLOWING 68 MCF. WILL CHECK IN THE AM
Type Proppant - Natural	Additive Brown Sand	Sand Size 18/40	Amount 45,100.0	Units lb		