

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

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

WELL API NO. 30-045-30150
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: MOHAVE
8. Well Number #1
9. OGRID Number 5380
10. Pool name or Wildcat BASIN FRUITLAND COAL

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.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	7. Lease Name or Unit Agreement Name: MOHAVE
2. Name of Operator XTO ENERGY INC.	8. Well Number #1
3. Address of Operator 382 CR 3100 AZTEC, NM 87410	9. OGRID Number 5380
4. Well Location Unit Letter A : 800' feet from the NORTH line and 800' feet from the EAST line Section 16 Township 31N Range 13W NMPM County SAN JUAN	10. Pool name or Wildcat BASIN FRUITLAND COAL
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5773' GL	

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
RCVD OCT 16 '13
OIL CONS. DIV.
DIST. 3

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. intends to plug and abandon this well per the attached procedure and will be using a Closed Loop System. Please see also the attached current and proposed wellbore diagrams.

Spud Date:

Rig Release Date:

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

SIGNATURE Sherry J. Morrow TITLE REGULATORY ANALYST DATE 10/15/2013

Type or print name SHERRY J. MORROW E-mail address: sherry_morrow@xtoenergy.com PHONE 505-333-3630

For State Use Only

APPROVED BY Bob Bell Deputy Oil & Gas Inspector, District #3 DATE 11/6/13

Conditions of Approval (if any):

LWA _____
TKK _____
Approved _____

PLUG AND ABANDONMENT PROCEDURE

June 25, 2013

Mohave 001

Basin Fruitland Coal

800' FNL and 800' FEL, Section 16, T31N, R13W
San Juan County, New Mexico / API 30-045-30150

Lat: _____ / Lat: _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes _____, No X____, Unknown____.
Tubing: Yes _____, No X____, Unknown____, Size _____, Length _____.
Packer: Yes _____, No X____, Unknown____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
NOTE: PU tubing workstring and tag existing CR at 1550'.
4. **Plug #1 (Pictured Cliffs/Fruitland Coal intervals and top, 1550' – 1350'):** TIH and tag existing CR at 1550'. Pressure test tubing to 1000 PSI. *Pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plug as appropriate.* Mix and pump 24 sxs Class B cement above CR to isolate Fruitland Coal perforations and cover the Fruitland top. TOH with tubing.
5. **Plug #2 (7" Surface Casing shoe, 220' to Surface):** Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 20 sxs cement and spot a balanced plug from 220' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 220' and the annulus from the squeeze holes to surface. Shut in well and WOC.
6. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.



XTO - Wellbore Diagram

Well Name: Mohave 01

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045301500000	800.0	FEL	800.0	FNL	T31N-R13W-S16	Basin Fruitland Coal	San Juan	New Mexico
Well Configuration Type	XTO ID B	Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	68078	5,778.00	5,773.00	5.00	3/17/2000	Original Hole - 1985.0	2,050.0	None

Well Config: Vertical - Original Hole, 10/14/2013 9:08:33 AM

Well Config: Vertical - Original Hole, 10/14/2013 9:08:33 AM				ftKB (TVD)		ftKB (MD)		Zones						
Schematic - Actual		Incl						Zone	Top (ftKB)	Btm (ftKB)				
								Fruitland Coal	1,600.0	1,618.0				
								Fruitland Coal	1,833.0	1,846.0				
				0	Casing Strings									
				5	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK..)				
					Surface	7	23.00		ST&C	123.0				
				22	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK..)				
					Production	4 1/2	10.50			1,997.0				
				30	Item Description	OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)				
					DV Tool	4 1/2			1,821.0	1,823.0				
				123	Cement									
					Description	Type	String							
					Surface Casing Cement	casing	Surface, 123.0ftKB							
				130	Comment									
					Cmt'd Csg w/50 sx CL B. Circ 5 Bbls Cmt to surf.									
				1,063	Description	Type	String							
					Production Casing Cement	casing	Production, 1,997.0ftKB							
				1,189	Comment									
					Could not Circ 1st STG. Dropped Bomb and Opened DVT. Cmt'd w/150 sx CL B (LEAD)									
				1,369	f/b 60 sx CL B (TAIL). Circ 14 Bbls Cmt to Surf.									
				1,550	Perforations									
				1,551	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone		
					5/17/2004	1,600.0	1,606.0	4.0	0.380			Fruitland Coal		
				1,564	5/21/2004	1,606.0	1,618.0	4.0	0.380			Fruitland Coal		
				1,575	6/13/2000	1,833.0	1,846.0	4.0	0.380		Cl...	Fruitland Coal		
					11/2/2002	1,833.0	1,846.0	4.0	0.380		Cl...	Fruitland Coal		
				1,600	Tubing Strings									
					Tubing Description	Run Date	Set Depth (ftKB)							
				1,606										
				1,618	Tubing Components									
					Item Description	Jts	Model	OD (in)	Wt (lbs/...	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
				1,621										
				1,623	Rods									
					Rod Description	Run Date	String Length (ft)			Set Depth (ftKB)				
				1,658	Rod Components									
					Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
				1,770										
				1,773	Stimulations & Treatments									
					Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					6/18/2000	1833	1846		64,000.0					
				1,821	Comment									
					Frac'd FC f/1,833-46' w/1,165 Gal Formic Acid, 49,250 Gals 20# Delta 140 XL Gel w/64,000# 20/40.									
				1,823										
				1,825	Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					11/1/2002	1833	1846		26,000.0					
				1,833	Comment									
					Refrac FC w/1,000 Gals 10% Formic Acid, 34,500 Gals Ambormax 1025 & 17,000# SD. Screened out in 1.5#. 2nd Attmp: 10,000 Gals Ambormax & 3,800# SD. 3rd Attmp: 10,000 Gals Ambormax & 0.5 - 2 PPG SD Ramp. Total: 26,000# 20/40 Brady SD.									
				1,846										
				1,853	Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					11/2/2002	1833	1846		32,000.0					
				1,980	Comment									
					Refrac FC w/21,000 Gals Ambormax & 32,000# SD.									
				1,983	Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					5/26/2004	1600	1618		75,540.0	29	1,560.0	1,63...	1,077.0	
				1,985	Comment									
					Frac FC f/1,600-18' w/106,000 Gals Ambormac 1029 XL Gel w/75,540# 20/40. AIR 29 BPM. ATP 1,560 PSIG. MAX TP 1,630 PSIG. ISIP 1,077 PSIG. 15" 960 PSIG.									
				1,997										
				2,050										

PBTD,
1,985

TD, 2,050

Mohave 001

Proposed P&A

Basin Fruitland Coal

800' FNL, 800' FEL, Section 16, T-31-N, R-13-W,

San Juan County, NM / API #30-045-30150

Lat _____ / Long _____

Today's Date: 6/25/13

Spud: 3/17/00

Completed: 6/27/00

Elevation: 5773' GL
5778' KB

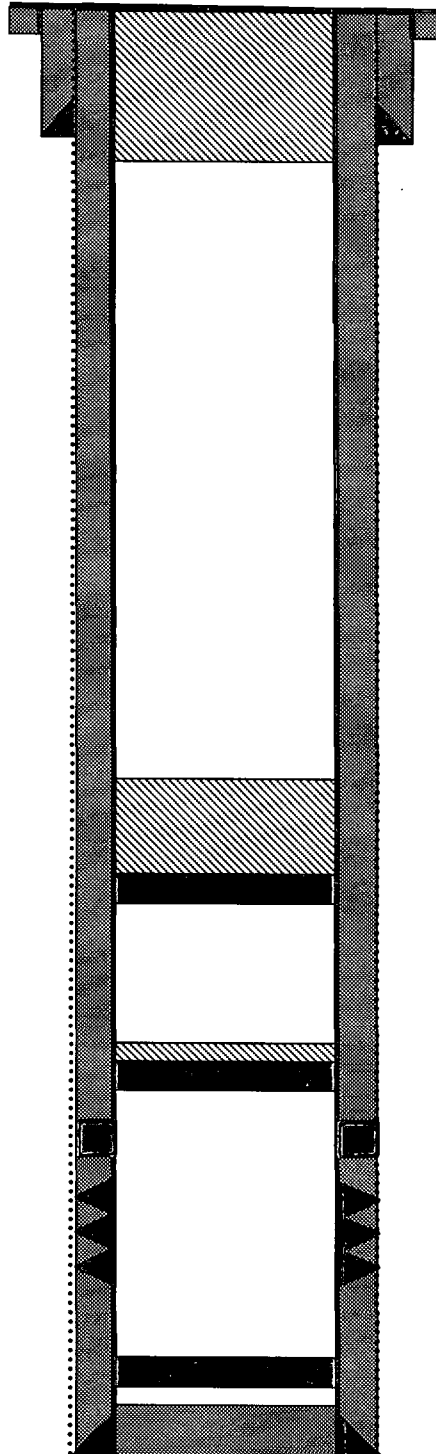
Kirtland @ surface

8.75" hole

Fruitland @ 1435' *est

Pictured Cliffs @ 1875'

6.25" hole



TOC @ surface, circulated 14 bbls

7" 20#, J-55 Casing set @ 170'
Cement with 88.5 cf (Circulated to Surface)

Plug #2: 220' - 0'
Class B cement, 20 sxs

Plug #1: 1550' - 1350'
Class B cement, 24 sxs

4.5" Cmt Retainer @ 1550' (2011)

Fruitland Coal Perforations:
1600' - 1618'

4.5" CIBP at 1770' with cement (no
additional information)

DV Tool @ 1821'

Fruitland Coal Perforations:
1833' - 1846'

4.5" CIBP @ 1980' (2000)

4.5", 10.5#, Casing set @ 1997'
Cement pumped in 2 stages
to surface 380 cf (circ 14 bbls)

TD 2050'
PBSD 1985'