

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

NOV 17 2014

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>NMSF-078019</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>382 CR 3100, AZTEC, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3100</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1780' FSL &amp; 1690' FEL NWSE SEC.12 (J) -T27N-R11W N.M.P.M.</b>		8. Well Name and No. <b>EH PIPKIN #11E</b>
		9. API Well No. <b>30-045-24373</b>
		10. Field and Pool, or Exploratory Area <b>BASIN DAKOTA</b>
		11. County or Parish, State <b>SAN JUAN NM</b>

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

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. A Surface Reclamation Plan is not needed at this time due to this well being twinned with the EH Pipkin #34, as they share the location.

OIL CONS. DIV DIST. 3

DEC 09 2014

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Notify NMOCD 24 hrs  
prior to beginning  
operations

BLM'S APPROVAL OR ACCEPTANCE OF THIS  
ACTION DOES NOT RELIEVE THE LESSEE AND  
OPERATOR FROM OBTAINING ANY OTHER  
AUTHORIZATION REQUIRED FOR OPERATIONS  
ON FEDERAL AND INDIAN LANDS

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>KRISTEN D. BABCOCK</b>		Title <b>REGULATORY ANALYST</b>
Signature <b>Kristen D. Babcock</b>		Date <b>11/14/2014</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <b>Troy Salvors</b>	Title <b>PE</b>	Date <b>12/4/2014</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <b>FFO</b>	

**EH Pipkin #11E**  
**Sec 12, T 27 N, R 11 W**  
**San Juan County, New Mexico**  
**11/11/2014**

**Plug and Abandon Procedure**

**AFE Number:** 1410117

**Spud Date:** 8/7/1980

**Surface Casing:** 8-5/8", 24#, K-55 csg @ 432'. Cmt'd w/275 sx. Circ cmt to surf.

**Production Casing:** 4-1/2", 10.5#, K-55 csg @ 6,358'. DV tls @ 4,439' & 1,788'. Cmt'd stage 1 w/400 sx. Cmt'd stage 2 w/550 sx. Cmt'd stage 3 w/550 sx. Circ cmt to surf.  
*Capacity: .0159 bbls/ft or .6699 gal/ft*

**Casing Leaks:** Squeeze holes fr/3,379' – 4,126'. Did not PT.

**Production Tubing:** 2-3/8" string

**Other in Hole:** CIBP @ 6,215'

**Perforations:** Dakota: 6,227' – 6,244'

**PBTD:** 6,320'

**Recent Production:** 0 mcfpd, 0 bwpd, 0 bopd (CIBP).

*\*Notify NMOCD & BLM 24 hours prior to beginning plugging operations\**

1. Check for COA's and approved NOI before beginning operations.
2. Test rig anchors.
3. Set flowback tank.
4. MIRU completion rig. Review JSA.
5. ND WH. NU & FT BOP.
6. Circulate hole clean.
7. TOH tubing.
8. MIRU WLU. Review JSA.
9. Run CBL/CCL/GR log from CIBP @ 6,215' – surface. Correlate to GR/CCL log dated 8/27/1980 or GR/Compensated Density/Compensated Neutron log dated 8/18/1980. Send CBL to engineer.

*\*Plugs may need altered based off CBL results. Contact engineer with changes.\**

10. TIH tubing.

11. MIRU cement truck. Review JSA.

*\*Casing will not pressure test. All plugs below the Mesaverde must be tagged.\**

**See COA**

12. **Perforation Isolation & Dakota Top Plug (6,215' – 6,098')**: Pump 13 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot an unbalanced plug from 6,215' – 6,098' (volume calculated with 50' excess). WOC. Tag plug.

13. **Gallup Top Plug (5,293' – 5,193')**: Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot an unbalanced plug from 5,293' – 5,193' (volume calculated with 50' excess). WOC. Tag plug.

14. **Mancos Top Plug (4,441' – 4,341')**: Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot an unbalanced plug from 4,441' – 4,341' (volume calculated with 50' excess). WOC. Tag plug.

**See COA**

15. **Mesaverde Top Plug (3,277' – 3,177')**: Perforate 3 squeeze holes at 3,277'. Establish injection rate into squeeze holes. Set 4-1/2" CICR at 3,227'. Pump 51 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield). Squeeze 39 sx outside casing and leave 12 sx inside casing from 3,277' – 3,177' (volume calculated with 50' excess inside and 100% excess). WOC.

16. Attempt to pressure test casing fr/3,177' – surface. If casing doesn't pressure test, tag subsequent plugs.

17. **Chacra Top Plug (2,668' – 2,568')**: Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 2,668' – 2,568' (volume calculated with 50' excess).

18. **Lewis & Pictured Cliffs Top Plug (1,901' – 1,658')**: Pump 23 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,901' – 1,658' (volume calculated with 50' excess).

**See COA**

19. **Fruitland Coal Top Plug (1,450' – 1,350')**: Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,450' – 1,350' (volume calculated with 50' excess).

20. **Kirtland & Ojo Alamo Top Plug (790' – 575')**: Pump 21 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 790' – 575' (volume calculated with 50' excess).

21. **Casing Shoe & Surface Plug (482' – Surface)**: Pump 41 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 482' – Surface (volume calculated with 50' excess).

22. RDMO WLU.

23. TOH & LD tubing.

24. RDMO cement truck.

25. WOC 4 hours.

26. Cut off WH. Fill in casing as needed with cement. Install above ground P&A marker.

27. Cut off anchors and reclaim location.

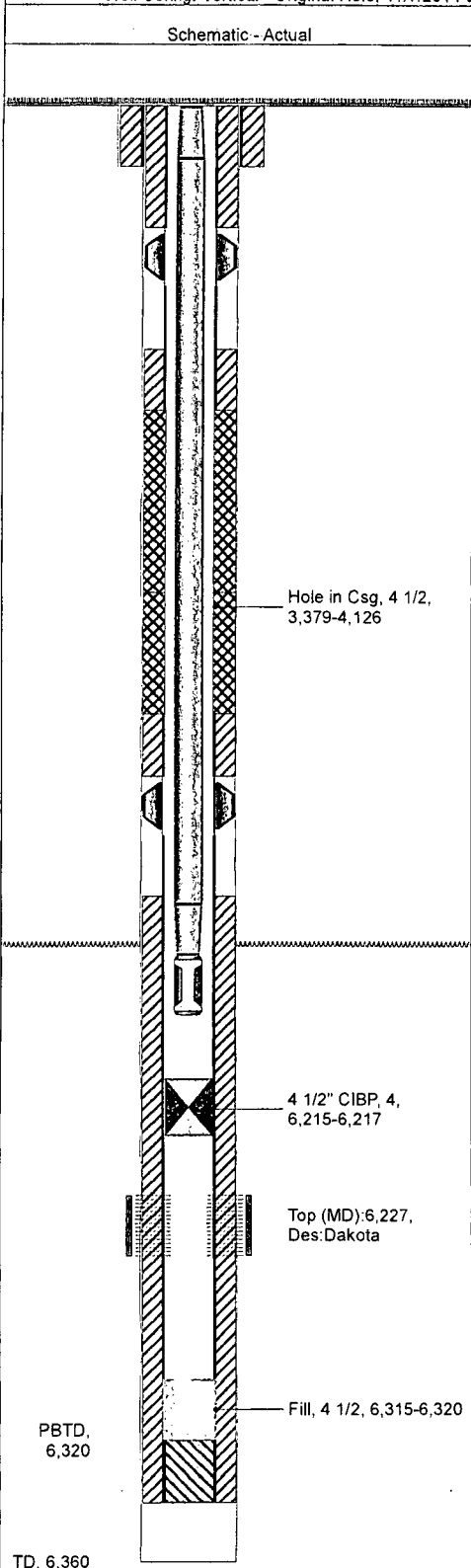


# XTO - Wellbore Diagram

Well Name: EH Pipkin 11E

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045243730000	1,690.0	FEL	1,780.0	FSL	T27N-R11W-S12	Basin Dakota	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	70818	5,914.00	5,900.00	14.00	8/8/1980	Original Hole - 6320.0	6,360.0	Plunger Lift

Well Config: Vertical - Original Hole, 11/7/2014 9:04:37 AM



## Zones

Zone	Top (ftKB)	Btm (ftKB)
Dakota	6,227.0	6,244.0

## Casing Strings

14	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)
	Surface	8 5/8	24.00	K-55		432.0
432	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)
	Production	4 1/2	10.50	K-55		6,358.0
1,788	Item Description	OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)
	DV Tool	4 1/2			1,788.0	1,789.0
1,789	Item Description	OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)
	DV Tool	4 1/2			4,439.0	4,440.0

## Cement

	Description	Type	String
	Surface Casing Cement	casing	Surface, 432.0ftKB
1,800	Comment		
	Cmt'd w/275 sx CI "B" cmt w/2% cacl2 & 1/4 #/sx Flocele. Circ cmt to surf.		
3,175	Description	Type	String
	Production Casing Cement	casing	Production, 6,358.0ftKB
3,244	Comment		
	Cmt'd 1st stg w/100 sx 50:50 Posmix & 1/4 #/sx Flocele followed by 300 sx CI "B" w/10% salt. cmt'd 2nd stg w/550 sx 50:50 Posmix & 1/4 #/sx Flocele. cmt'd 3rd stg w/350 sx 65:35 Posmix & 1/4 #/sx Flocele followed by 200 sx 50:50 Posmix & 1/4 #/sx Flocele.		
3,379	Circ cmt to surf.		
3,633	Description	Type	String
	Cement Squeeze	squeeze	Production, 6,358.0ftKB
4,126	Comment		
	Pmp 104 sx Ultra Fine cmt (mixed @ 13.5 ppg, .76 cu ft/sx, 79.04 cu ft). Cmt plg fr/4,128 - 3,244'.		

## Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Curr... Status	Zone
8/27/1980	6,227.0	6,244.0	1.0				Dakota

## Tubing Strings

	Tubing Description	Run Date	Set Depth (ftKB)
	Tubing - Production	11/6/2014	6,178.1

## Tubing Components

Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
6,177	Tubing	190 T&C Upset	2 3/8	4.70	J-55		6,163.03	14.0	6,177.0
6,178	Seat Nipple	1	2 3/8				1.10	6,177.0	6,178.1

## Stimulations & Treatments

Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
8/30/1980	6227	6244						
6,217	Comment							
	Frac w/10,000 gals 70q foam pad, 40,000 gals 70q foam w/50,000# 20/40 sd. bd @ 3,100 psig. air 20 bpm @ 3,250 psig. isip 2,900 psig, 15" sip 2,600 psig, 30" sip 2,430 psig. opened to pit on 3/8" chk. SI due to oil trace making a mess.							

OIL CONS. DIV DIST. 3

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## XTO - Proposed P&amp;A Wellbore Diagram

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Well Name: EH Pipkin 11E

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045243730000	1,690.0	FEL	1,780.0	FSL	T27N-R11W-S12	Basin Dakota	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	70818	5,914.00	5,900.00	14.00	8/8/1980	Original Hole - 6320.0	6,360.0	Plunger Lift

Well Config: Vertical - Original Hole, 11/7/2014 6:04:37 AM

Frm Final		Schematic - Proposed		ftKB (TVD)	RKB (MD)	Zones					
						Zone	Top (ftKB)		Btm (ftKB)		
						Dakota	6,227.0		6,244.0		
						Casing Strings					
						Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)
						Surface	8 5/8	24.00	K-55		432.0
						Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)
						Production	4 1/2	10.50	K-55		6,358.0
						Item Description	OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)
						DV Tool	4 1/2			1,788.0	1,789.0
						Item Description	OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)
						DV Tool	4 1/2			4,439.0	4,440.0
						Cement					
						Description	Type		String		
						Surface Casing Cement	casing		Surface, 432.0ftKB		
						Cmt'd w/275 sx CI "B" cmt w/2% cacl2 & 1/4 #/sx Flocele. Circ cmt to surf.					
						Description	Type		String		
						Production Casing Cement	casing		Production, 6,358.0ftKB		
						Cmt'd 1st stg w/100 sx 50:50 Posmix & 1/4 #/sx Flocele followed by 300 sx CI "B" w/10% salt. cmt'd 2nd stg w/550 sx 50:50 Posmix & 1/4 #/sx Flocele. cmt'd 3rd stg w/350 sx 65:35 Posmix & 1/4 #/sx Flocele followed by 200 sx 50:50 Posmix & 1/4 #/sx Flocele. Circ cmt to surf.					
						Description	Type		String		
						Cement Plug	plug		Production, 6,358.0ftKB		
						Plug 1: Pump 13 sx f/6,215' - 6,098'.					
						Description	Type		String		
						Cement Plug	plug		Production, 6,358.0ftKB		
						Plug 2: Pump 12 sx f/5,293' - 5,193'.					
						Description	Type		String		
						Cement Plug	plug		Production, 6,358.0ftKB		
						Plug 3: Pump 12 sx f/4,441' - 4,341'.					
						Description	Type		String		
						Cement Plug	plug		Production, 6,358.0ftKB		
						Plug 4 (inside): Pump 12 sx f/3,277' - 3,177'.					
						Description	Type		String		
						Cement Plug	plug		Production, 6,358.0ftKB		
						Plug 5: Pump 12 sx f/2,668' - 2,568'.					
						Description	Type		String		
						Cement Plug	plug		Production, 6,358.0ftKB		
						Plug 6: Pump 23 sx f/1,901' - 1,658'.					
						Description	Type		String		
						Cement Plug	plug		Production, 6,358.0ftKB		
						Plug 7: Pump 12 sx f/1,450' - 1,350'.					
						Description	Type		String		
						Cement Plug	plug		Production, 6,358.0ftKB		
						Plug 8: Pump 21 sx f/790' - 575'.					
						Description	Type		String		
						Cement Plug	plug		Production, 6,358.0ftKB		
						Plug 9: Pump 41 sx f/482' to surf.					
						Description	Type		String		
						Cement Plug	squeeze		Production, 6,358.0ftKB		
						Plug 4 (outside): Pump 39 sx f/3,277' - 3,177'.					
						Description	Type		String		
						Cement Squeeze	squeeze		Production, 6,358.0ftKB		
						Pmp 104 sx Ultra Fine cmt (mixed @ 13.5 ppg, .76 cu ft/sx, 79.04 cu ft). Cmt plg fr/4,128 - 3,244'.					

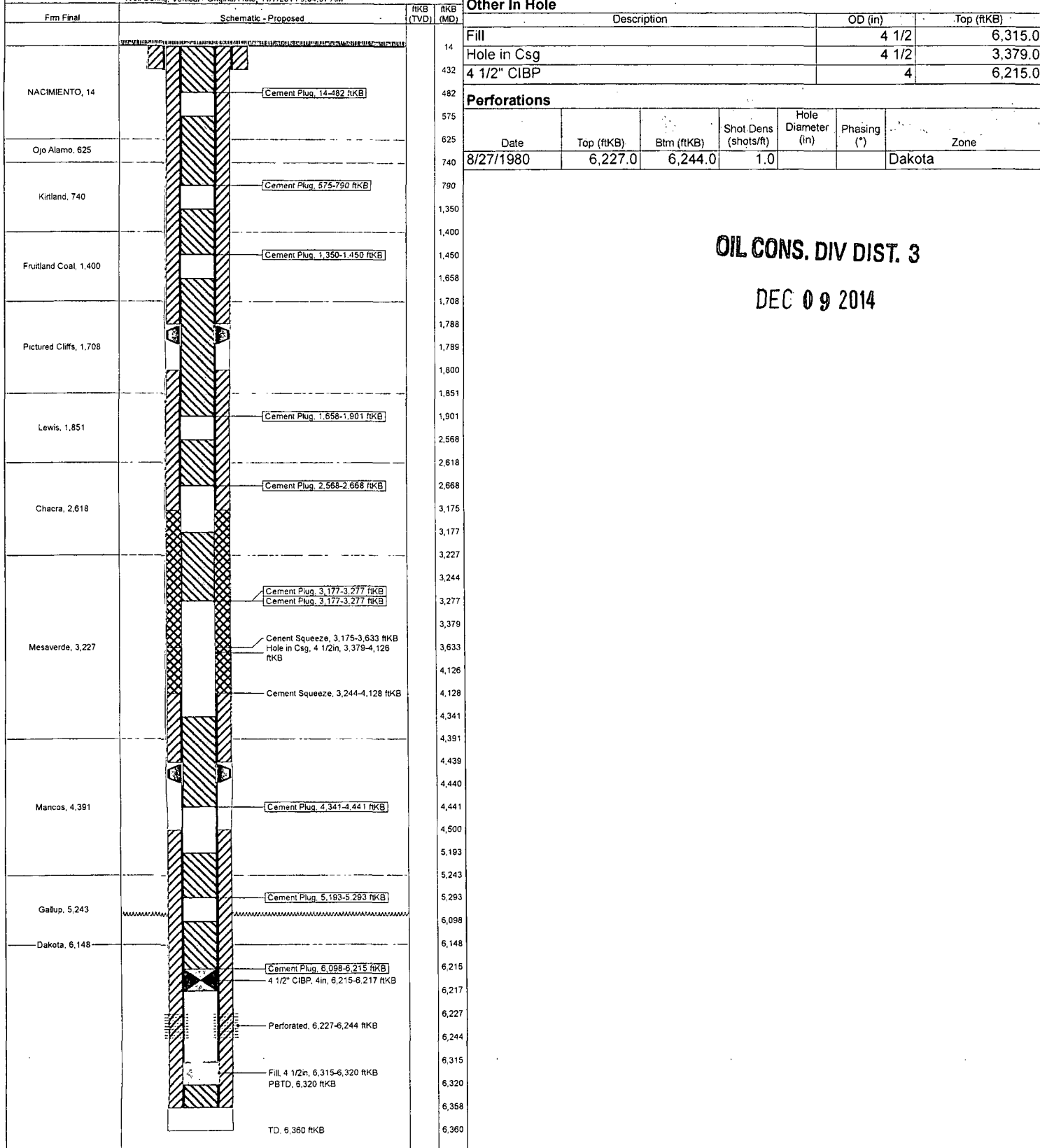


# XTO - Proposed P&A Wellbore Diagram

**Well Name: EH Pipkin 11E**

API/UWI 30045243730000	E/W Dist (ft) 1,690.0	E/W Ref FEL	N/S Dist (ft) 1,780.0	N/S Ref FSL	Location T27N-R11W-S12	Field Name Basin Dakota	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 70818	Orig KB Elev (ft) 5,914.00	Gr Elev (ft) 5,900.00	KB-Grd (ft) 14.00	Spud Date 8/8/1980	PBTD (All) (ftKB) Original Hole - 6320.0	Total Depth (ftKB) 6,360.0	Method Of Production Plunger Lift

Well Config: Vertical - Original Hole, 11/7/2014 9:04:37 AM



**OIL CONS. DIV DIST. 3**

**DEC 09 2014**

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: EH Pipkin #11E

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of plug #1 to 6066 ft. to cover the Graneros top. Adjust cement volume accordingly.
  - b) Set plug #4 (3322-3222) ft. inside/outside to cover the Mesaverde top.
  - c) Bring the top of plug #7 to 1326 ft. to cover the Fruitland top. Adjust cement volume accordingly.

Operator will run a CBL from 6215 ft. to surface to verify cement top. Outside plugs will be required if cement top is not adequate for zonal isolation. Submit electronic copy of the log to the following addresses: [tsalyers@blm.gov](mailto:tsalyers@blm.gov) [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.