#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

abandoned well. Use form 3160-3 (APD) for such proposals.

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

5. Lease Serial No. NMSF078019

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- 1	l .		
- 1	l		
- 1			

6. If Indian, Allottee or Tribe Name

SUBMIT IN	TRIPLICATE - Other inst	tructions on	page 2		7. If Unit or CA/Agreeme	nt, Name and/or No.
Type of Well     Oil Well	ner: COAL BED METHAN	E			8. Well Name and No. E H PIPKIN 8E	
Name of Operator     XTO ENERGY INC	Contact: E-Mail: rhonda_sn	RHONDA SM nith@xtoenergy			9. API Well No. 30-045-23782-00-5	52
3a. Address		3b. Phone No Ph: 505-33	(include area code)		10. Field and Pool or Exp BASIN FRUITLAN	
ENGLEWOOD, CO 80112						
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	)			11. County or Parish, Stat	e
Sec 1 T27N R11W SESE 095 36.599396 N Lat, 107.948700			a		SAN JUAN COUN	TY, NM
12. CHECK THE AF	PROPRIATE BOX(ES)	TO INDICA	TE NATURE OI	F NOTICE, I	REPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Production	on (Start/Resume)	☐ Water Shut-Off
_	☐ Alter Casing	☐ Hyd	raulic Fracturing	□ Reclamat	tion [	☐ Well Integrity
☐ Subsequent Report	□ Casing Repair	□ Nev	Construction	□ Recompl	ete [	Other
☐ Final Abandonment Notice	☐ Change Plans	Plug	g and Abandon	□ Tempora	rily Abandon	
BP	☐ Convert to Injection	Plug	g Back	☐ Water Di	sposal	
OPERATOR FROM O	ally or recomplete horizontally, which will be performed or provide operations. If the operation resondonment Notices must be filmal inspection.  If and abandon this well Please see attached cure as note item 8.1) Due to ng a BGM to be placed a CEEPTANCE OF THIS RELIÉVE THE LESSEE AND BTAINING ANY OTHER EQUIRED FOR OPERATION DIAN LANDS	give subsurface the Bond No. or sults in a multiple ed only after all  per the attack rent and prop potential ero t least 4' belo  ND  ONS  tify NMOCD rior to begin operations	locations and measure file with BLM/BIA and file with BLM/BIA and file with BLM/BIA and file completion or recording the completion of recording the control of the current was son of	red and true vert. Required subsimpletion in a neing reclamation,  KTO will be agrams and a neing reclamation in the agrams and a neighbor in the continuous shellowation in the continuou	of JUN OCHED FOR OF APPROVAL	markers and zones. d within 30 days must be filed once
	Electronic Submission #3	ENERGY INC,	sent to the Farmir	ngton		
Name (Printed/Typed) RHONDA	SMITH		Title REGULA	ATORY CLE	RK	
Signature (Electronic S	(ubmission)		Date 05/31/20	017		
	THIS SPACE FO	OR FEDERA	L OR STATE (	OFFICE US	E	
Approved By ABDELGADIR ELM/	ANDANI		TitlePETROLE	UM ENGINEI	ΞR	Date 06/06/2017
Conditions of approval, if any, are attached ertify that the applicant holds legal or equivalent would entitle the applicant to conductive the	itable title to those rights in the		Office Farmingt	ton		
Citle 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a tatements or representations as	crime for any pe	rson knowingly and vithin its jurisdiction.	willfully to mak	e to any department or age	ncy of the United

(Instructions on page 2) \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*



ML	
MTG	
Approved	

# EH Pipkin 8E P&A AFE#1702769

Basin San Juan
API: 30-045-23782
950' FSL and 890' FEL, Section 1, T27N, R11W
San Juan County, New Mexico

OIL CONS. DIV DIST. 3
JUN 0 9 2017

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.
- 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_	_X ,	No	, Unknown					
	Tubing:	Yes.	Χ_,	No	, Unknown	, Size _	2-3/8"	, Length _	1,648'	_
	Packer:	Yes_	, 1	No_	X, Unknown	, Туре				

- Load hole with treated water, Lay down rods, and TOH w/ tubing and stand back 2-3/8" tbg. Round trip 4.5" casing scraper to 1,800'.
   Run CBL for well file and to determine TOC for spotting cement or perforating casing.
- 5. Plug #1 (Fruitland Coal & Pictured Cliffs perforations and top, 1,250' 1,150'): RIH and set 4.5" cement retainer at 1,250'. TIH tubing and pressure test 1000 PSI. Circulate well clean. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 12 sxs Class B cement inside casing to cover the FC/PC perforations and top. PUH.
- 6. Plug #2 (Kirtland top, 595' 495'): Spot 12 sxs Class B and spot a balanced plug inside casing to cover Kirtland top. PUH.
- 7. Plug #3 (8-5/8" shoe, 355' 255'): Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Fruitland top. PUH.
- 8. Plug #4 (Surface 100' 0'): Mix approximately 12 sxs Class B cement and pump down tubing. TOH tubing, Shut in well and WOC.
- ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.



# **Downhole Well Profile - with Schematic**

Well Name: EH Pipkin 08E

API/UWI 30045237820000	Accounting ID 70848		State/Province New Mexico	County San Juan
Location T27N-R11W-S01	Spud Date 4/27/1980 00:00	Original KB Elevation (ft) 5,750.00	Ground/Corrected Ground Elevation (ft) 5,736.00	KB-Ground Distance (ft) 14.00

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertica	al schematic (actual)	Wellbores Wellbore Name		Parent Wellbore			Wellbore Al		
-0.7					Original Hole		Original Hole	9		3004523		
-0,7			4 min		Start Depth (ftKB)	14.0	Profile Type			Kick Off Dep	oth (MD) (ftKB)	
14.1			700		Section Des	14.0	Size (in)		Act 1	Top (ftKB)	Act Btm	(ftKB)
		1			SURFACE			12 1/4		14.0		304.0
23.3					PROD1			7 7/8		304.0		6,210.0
32.2					Zones Zone Name		Top (ftKB)		Bt	m (ftKB)	Current S	Status
62.7					Fruitland Coal			1,404.0		1,590.0		
	18	1	2222	Surface; 8 5/8 in; 304.0 ftKB	Dakota			6,098.0		6,122.0		
1,248.4				Perforated; 1,404,0-1,420.0	Casing Strings							
1,419.9			2022	Hydraulic Fracture	Csg Des	Set Depth (ftK	The second second	OD (i	The second secon	Wt/Len (lb/ft)		Grade
-	-			/ Hydraulic Fracture	Surface Production		6,203.0		8 5/8 4 1/2		24.00 K-55 10.50 K-55	
1,578.1			300	Perforated; 1,578.0-1,590.0	Cement		0,203.0		4 1/2		10.50 K-55	
1,623,4					Des			Тур	0		String	an maria de la compa
- 1,					Surface Casing Cement		Casing	76		Surface,	304.0ftKB	
1,625.0					Production Casing Cement		Casing			Production	on, 6,203.0ftKB	
1,628.0					Cement Squeeze		Squeeze				on, 6,203.0ftKB	
			Perforated; 1,404,0-1,420.0  TIKB Hydraulic Fracture Fresh Water Hydraulic Fracture Perforated; 1,578,0-1,590.0  flKB  PBTD; 1,820.0 flKB  Cement; Cement Plug; 3,175.0  flKB PROD1; 7 7/8 in; 6,210.0 flKB  Cement; Cement Plug; 5,200.0  flKB Perforated; 6,098.0-6,108.0  flKB Hydraulic Fracture Perforated; 6,110.0-6,114.0  flKB Perforated; 6,110.0-6,114.0  flKB Perforated; 6,121.0-6,122.0  flKB Perforated; 6,121.0-6,122.0  flKB Perforated; 6,121.0-6,122.0  flKB Production; 4 1/2 in; 6,203.0  flKB Production; 4 1/2 in; 6,203.0  flKB	Cement Plug		Plug			Production	on, 6,203.0ftKB		
1,632.9					Tubing Strings							
1,634.8			W Q W		Tubing Description Tubing - Production		Run Date	11/19/	2009	Set Depth (	MKB)	1.647.8
1,004.0				Rod String; 3/4 in; -0.7 ftKB	Item Des	OD (in)	Wt (lb/ft)	Grade		Len (ft)	Top (ftKB)	Btm (ftKB)
1,646.0					Tubing	2 3/8	4.70	J-55	1	30.50	14.1	44.6
1,827.1	-			DRTD: 1 820 0 ft/R	Tubing Sub	2 3/8			2	18.00	44.6	62.6
1,027.1			Size Control	K-14 400-00 400 0-10 - K-10 0 10 10 0 10 0 10 0 10 0	Tubing	2 3/8			50	1,564.15	62.6	1,626.7
3,000.0					Seat Nipple	2 3/8		J-55	1	1.10	1,626.7	1,627.8
-		1			OEMA	2 3/8	4.70	J-55	1	20.00	1,627.8	1,647.8
4,360.9					Rod Strings							
4,363.8			4		Rod Description Rod String		Run Date	11/19/	2009	Set Depth (	ftKB)	1,636.0
5,024.9					Item Des	OD (in)	Wt (lb/ft)	Grade		Len (ft)	Top (ftKB)	Btm (ftKB)
3,024.5					Polished Rod	1 1/4			1	16.00 8.00	-0.7	15.3 23.3
5,930.1		-	~~~		Pony Rod	3/4		D	49	1,225.00	15.3	1,248.3
0.407.0		-	1 300		Sucker Rod Sucker Rod w/Molded Guides	3/4		D	12	300.00	1,248.3	1,548.3
6,107.9		1	200		Sucker Rod Wilviolded Guides	3/4		U	12	300.00	1,246.3	1,546.5
- 6,113.8	-			Cement; Cement Plug; 6,119.0	Sinker Bar	1 1/2	2	K	3	75.00	1,548.3	1,623.3
6,121,1			<b>**</b>	Perforated: 6 121 0-6 122 0	Spiral Rod Guide	3/4			1	1.10	1,623.3	1,624.4
-		1	NAME OF THE PARTY	ftKB	RHBO Tool	3/4			1	0.60	1,624.4	1,625.0
6,203.1			3000 CO	ftKB	Rod Insert Pump	2			1	10.00	1,625.0	1,635.0
			77 H + 2	TD - Original Hole; 6,210.0 ftKB	Strainer Nipple	1			1	1.00	1,635.0	1,636.0
XTO Ene	rgy				Page 1/2						Report Printed:	11/7/2016



# **Downhole Well Profile - with Schematic**

Well Name: EH Pipkin 08E

API/UWI 30045237820000	Accounting ID 70848		County San Juan
Location T27N-R11W-S01	Spud Date 4/27/1980 00:00	Original KB Elevation (ft) 5,750.00	 KB-Ground Distance (ft) 14.00

MD (BKB)	TVD	Incl	Various schemetic (actual)
MD (ftKB)	(ftKB)	(°)	Vertical schematic (actual)
-0.7			
14.1			
23.3			
23.3			
32.2			
62.7			SURFACE; 12 1/4 in; 304.0
02.7			ftKB Surface; 8 5/8 in; 304.0 ftKB
1,248.4			Perforated; 1,404.0-1,420.0
1,419,9			ftKB Hydraulic Fracture
1,410,0			Fresh Water  Hydraulic Fracture
1,578.1			Perforated; 1,578.0-1,590.0 ftKB
1,623.4			
1,625.0			
1,628.0			
1,632.9			
1,634.8			
			Rod String; 3/4 in; -0.7 ftKB
1,646.0			
1,827.1			PBTD; 1,820.0 ftKB
2 200 0			Cement; Cement Plug; 3,175.0
3,000.0			ftkB PROD1; 7 7/8 in; 6,210.0 ftkB
4,360.9			
4,363.8			
4,303.0			Cernent; Cernent Squeeze; 4,365.0 ftKB
5,024.9			_ Cement; Cement Plug; 5,200.0
5,930.1			ttKB Perforated; 6,098.0-6,108.0
-,			ffKB  Hydraulic Fracture
6,107.9			AND MANY
6,113.8			ftKB
-			Cement; Cement Plug; 6,119.0 ft/8 Perfoyated; 6,121.0,6,122.0
6,121.1			Perforated; 6,121.0-6,122.0
6,203.1			Production; 4 1/2 in; 6,203.0 ftKB
			TD - Original Hole; 6,210.0 ftKB

Other In Hole				TAX TO STATE			
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)			
	4 1/2" CIBP		1,815.0	1,820.0			
Perforations							
Date	Top (ftKB)	Btm (ftKB)	Zone				
3/18/1990	90 1,404.0		Fruitland Coal, Original Hole				
3/18/1990	1,578.0	1,590.0	Fruitland Coal, Original Hole	!			
6/17/1980	6,098.0	6,108.0	0 Dakota, Original Hole				
6/17/1980 6,110.0		6,114.0	Dakota, Original Hole				
6/17/1980	6,121.0	6,122.0	Dakota, Original Hole				
Stimulations & Trea	tments	THE PERSON OF THE					
	Too Doct (BVD)   Dottom Doct (BVD	AID /hhl/min	MID (bbl/min) TAID (bbl)	Total Proposant (lb)			

Frac#	Top Perf (ftKB)	Bottom Perf (ftKB)	AIR (bbl/min)	MIR (bbl/min)	TWP (bbl)	Total Proppant (lb)
	6098	6108				
	6110	6114				
	6121	6122				
	1404	1420				
	1578	1590				



# **XTO - Proposed Wellbore Diagram**

Well Name: EH Pipkin 08E

30045237820000 70848			New Mexico	San Juan
Location	27/1980 00:00	nal KB Elevation (ft) 5,750.00		KB-Ground Distance (ft) 14.00

Vertical schematic	(propased)	Formation Name Kirtland	-		F	nal Top MD (ftKB)	645.0	Final Bottom MD (ftKB	
Teracur sorreman	Другорозску								1,303
		Formation Name				nal Top MD (ftKB)	0 10.0	Final Bottom MD (ftKB	
\$500 \$500 B	Cement Plug - P & A; 14.0-	Fruitland Coal			100	nai rop wib (IIKB)	1,303.0	T III a Dolloin IVD (III)	1,59
	100.0 ftKB	Formation Name			F	nal Top MD (ftKB)	1,00010	Final Bottom MD (ftKB	V. A
Surface 0.5/0 in 04.00	Surface Casing Cement;	Pictured Cliffs				,	1,591.0		3,11
		Formation Name			F	nal Top MD (ftKB)		Final Bottom MD (ftKB	3)
		Cliff House					3,113.0		3,25
		Formation Name			F	nal Top MD (ftKB)		Final Bottom MD (ftKB	
		The second secon					3,253.0		3,98
	<b>***</b>				-	nal Top MD (ftKB)	3 093 0	Final Bottom MD (RKE	4,29
					F	nal Ton MD (ftKB)	3,302.0	Final Bottom MD (ftKB	
Market and the second s	Cement Retainer; 4 1/2 in;	P. Michael S. Brand S. Contraction of the Contracti			Ι΄.	not rop the (tate)	4.296.0	I wild bottom the (time	5.14
	1,250.0-1,252.0 ftKB	Formation Name			F	nal Top MD (ftKB)		Final Bottom MD (ftKB	3)
	<b>X</b>	Gallup					5,140.0		5,93
8000	Perforated: 1 404 0.1 420 0	Formation Name	***		F	nal Top MD (ftKB)		Final Bottom MD (ftKB	,
6900	****	-100 (100 (100 (100 (100 (100 (100 (100					5,937.0		6,04
3/2/2	Porforated: 1 579 0 1 500 0				F	nal Top MD (ftKB)	0.040.0		3)
1994	633 - Ferrorated, 1,376.0-1,390.0	···					0,046.0		-
	<b>**</b>				Daraet Mallhara				
PBTD; 1,820.0 ftKB		and the second s							
				Profile Type	Original Floid		Depth (MD) (f	tKB)	
								,	
		Casing Strings					The state of		1019
	Compant Films 2 000 0		Set Der	oth (ftKB)	) (in)	Wt/Len (It	o/ft)	Grade	
	3,175.0 ftKB			304.0	8 5/8	V-	24.00		
	W	Production		6 203 0	4 1/2		10.50	K-55	
	<b>100</b>			3,200.0			10100		1000
	<b>W</b>	Annual Science and Control of the Co	Two	Stripe			Com		
		·/					OOM		
			Guonig						
i i	Cement Squeeze; 4,364.0-		Casing		-				
	4,365,0 TKB		Casing	Surface, 304.011NB					
			Dive	Desduction	Diversity Diversity	40 6/4 0501	1- 4 4501		
	Cement Plug: 5 025 0-	Cement Plug - P &	Plug		Plug 1. Pump	) 12 SX 1/1,250	10 1,150		
	5,200.0 ftKB	1			BI 0 B	10 (100.01)	1051		
	W	Cement Plug - P &	Plug		Plug 2: Pump	o 12 sx f/595' to	495		
		A		6,203.0ftKB					
		Cement Plug - P &	Plug	Production,	Plug 3: Pum	p 12 sx f/355' to	0 255'		
		I A		6,203.0ftKB					
		Cement Plug - P &	Plug	Production,	Plug 4: Pum	p 12 sx f/100' to	o surf		
		A		6,203.0ftKB					
	Perforated, 6,121.0-6,122.0	Cement Plug	Plug	Production,					
	14.0-6,203.0 ftKB			6,203.0ftKB					
	Production Casing; 14.0-	Cement Squeeze	Squeeze	Production.					
	0,203.0 IIND		1-4	6,203.0ftKB					
Ib/ft; K-55	6,203.0 ftKB								
		11							
	Production; 4 1/2 in; 10.50	Surface; 8 5/8 in; 24,00   Ib/ft; K-55   Surface Casing Cement; 14,0-304.0 ft/8   Cement Plug - P & A; 255.0-355.0 ft/8   Cement Plug - P & A; 495.0-595.0 ft/8   Cement Retainer; 4 1/2 in; 1,150.0-1,250.0 ft/8   Cement Retainer; 4 1/2 in; 1,250.0-1,250.0 ft/8   Cement Retainer; 4 1/2 in; 1,250.0-1,250.0 ft/8   Cement Plug; 3,000.0-3,175.0 ft/8   Cement Plug; 5,025.0-5,200.0 ft/8   Cement Plug; 5,025.0-5,200.0 ft/8   Cement Plug; 5,035.0-6,119.0 ft/8   Perforated; 6,110.0-6,114.0   Cement Plug; 5,930.0-6,119.0 ft/8   Production Casing; 14.0-6,203.0 ft/8   Production Casi	Surface   8 6/8 in   24.00     Ib/ff; K-55     Surface   Casing Cement   14.0-304 pt K/B     Cament Plug - P & A     49.50-595.0 ft/B     Cement Plug - P & A     495.0-595.0 ft/B     Cement Plug - P & A     495.0-595.0 ft/B     Cament Plug - P & A     495.0-595.0 ft/B     Cament Plug - P & A     495.0-595.0 ft/B     Cament Plug - P & A     495.0 ft/B     Cament Plug - P & A     150.0-1,250.0 ft/B     Cament Plug - P & A     160.0 ft/B     Cament Plug - P & A     160.0 ft/B     Cament Plug - P & A     Callup     Formation Name     Callup	Surface Casing Cement;    Surface Casing Cement   Pictured Cliffs	Surface   8 5/8 in   24.00   Buff, K-55	Surface, 8 5/8 in 24.00   Ib/ft, K-55	Surface, 8 58 in : 24.00   Birth, 14-55   Carmon High. PA   Carm	Surface, 18 58 in , 24.00   Surface, 24.00   Surface, 25 50 in , 26.00 in King   Fant Top MD (this)   Surface   Su	Surface, 6 56 in 24.00   Birt, F-65    Surface, Carreet Play 5 R.X   Surface Castral Play - P.X



**XTO Energy** 

# **XTO - Proposed Wellbore Diagram**

Well Name: EH Pipkin 08E

Accounting ID Permit Number State/Province County 30045237820000 70848 New Mexico San Juan KB-Ground Distance (ft) Original KB Elevation (ft) Spud Date Ground/Corrected Ground Elevation (ft) T27N-R11W-S01 5,736.00 14.00 4/27/1980 00:00 5,750.00

rin in	Link Link States	Vertical - Original Hole, 5/17/2	2017 11:30:23	3 AM		
MD f(KB)	TVD (ftKB)	Vertical schematic (proposed)				
14.1						
100.1			※ 競策	Cement Plug - P & A; 14.0-		
254,9				100.0 ftKB Surface Casing Cement;		
304.1		Surface; 8 5/8 in; 24.00		14.0-304.0 ftKB		
355.0		lb/ft; K-55		Cement Plug - P & A;		
495.1	1			255.0-355.0 ftKB		
595.1				Cement Plug - P & A;		
645.0			<b>X</b>	495.0-595.0 ftKB		
149.9				Cement Plug - P & A;		
250.0			<b>***</b>	1,150.0-1,250.0 ftKB Cement Retainer; 4 1/2 in;		
252.0		<b></b>	# # # # # # # # # # # # # # # # # # #	1,250.0-1,252.0 ftKB		
,303,1			₩_			
1,403.9		886	300			
419,9			- 2	Perforated; 1,404.0-1.420.0		
.578,1		300	<b>XX</b>			
,589,9			- W	Perforated; 1,578.0-1,590.0		
,590,9	-		<b>W</b> _			
,819.9		PBTD; 1,820.0 ftKB				
,827,1						
,829.1			- A			
0.000.0						
112.9	-		<b>⋙</b> —			
1,174.9			AAA AA	Cement Plug; 3,000.0-		
1,253.0	-			3,175.0 ftKB		
982.0	-		- W-	· · · · · · · · · · · · · · · · · · ·		
.295.9	-		<b>W</b> _			
,360.9						
,362,9						
,363,8		1		Cement Squeeze; 4,364.0-		
,365,2		\$ 1 m		4,365.0 ftKB		
,024,9			- W			
1,140,1	_					
,200,1			320	Cement Plug; 5,025.0- 5,200.0 ftKB		
,930.1	P	~~~~~~~~~~~		~~2000000000000000000000000000000000000		
.937.0	-		- X			
045.9	-		- XX			
1.890,			3/A/A	Perforated; 6,098,0-6,108.0		
,107,9		Victor (War	- 355 245	Perforated; 6,110.0-6,114.0		
,109.9		300	\$\$\$ \$4\$	Cement Plug; 5,930.0-		
,113,8		100 A	XX - XX	Perforated; 6,121.0-6,122.0		
,119,1			3X V20	Production Casing Cement; 14.0-6,203.0 ftKB		
.121.1		\$500 B		Production Casing; 14.0-		
122.0		600	- 1983 1983	6,203.0 ftKB		
.203.1		Production; 4 1/2 in; 10.50	- W	Production Casing; 14.0- 6,203.0 ftKB		
5,210,0		ID/II, N=00		0,200.0 IIND		

Perforations				
Date	Top (ftKB)	Btm (ftKB)	Zone	
3/18/1990	1,404.0	1,420.0	Fruitland Coal, Original Hole	
3/18/1990	1,578.0	1,590.0	Fruitland Coal, Original Hole	
6/17/1980	6,098.0	6,108.0	Dakota, Original Hole	
6/17/1980	6,110.0	6,114.0	Dakota, Original Hole	
6/17/1980	6,121.0	6,122.0	Dakota, Original Hole	
Other In Hole				
Des	OD (in)		Top (ftKB)	Btm (ftKB)
4 1/2" CIRP			1.815.0	1 820

Cement Retainer 4 1/2 1,250.0

1,252.0

OIL CONS. DIV DIST. 3
JUN 0 9 2017



Amended Final Reclamation Plan 05/31/2017 EH PIPKIN 8E

EH PIPKIN 8E API 30-045-23782

Lease # NMSF - 078019 Lat: 36.5996 Long: -107.9488 Footage: 950' FSL, 890' FEL SE/SE Sec.01P, T27N, R11W San Juan County, NM

#### 1.0 PURPOSE and SCOPE

1.1) The purpose of this document is to ensure final reclamation of associated pad and access roads as required by applicable laws and regulations. Properly performed reclamation procedures are required to preserve Private, Public, Tribal and National Forest lands, mitigating any possible environmental/surface owner issues that could potentially arise. This plan amends and replaces the original approved APD Plan (*Onshore Order #1 Section III.D.4.j*). The plan design is to provide environmentally sound, safe, prudent and specific guidelines for a successful reclamation. Implementation of Best Management Practices assists in returning disturbed soils to a level consistent with the surrounding topography prior to the approved development.

#### 2.0 PRE-RECLAMATION SITE INSPECTION

2.1) A pre-reclamation site inspection with BLM Farmington Field Office (FFO) Authorized Officer (AO) *Randy McKee* and XTO Energy, Inc. representative *Luke McCollum* took place on 05/29/2015, prior to implementation of the reclamation process to determine contours, silt trap placement, seed mix selection, and weed abatement procedures as well as additional requirements needed to assist in returning the area to applicable pre-disturbance condition.

#### 3.0 PROCEDURES

**3.1**) Rehabilitation work will be completed within one year from plug date. No new disturbance will be allowed outside current disturbed areas to be reclaimed. Notifications, as

stipulated in the APD, will be provided to proper authorities via sundry notifications, e-mail, or phone within required time frames.

3.2) All fences and associated materials, production equipment, purchaser's equipment, concrete slabs, anchors, flow lines, any associated cathodic materials including wiring and drop pole, debris, and trash will be removed from location and disposed of at approved facilities. Risers, meter run and associated pipeline Right of Way equipment will be removed by the responsible pipeline company.



P&A marker will be placed 4' below the current wash elevation of 5744'+/- @ 5740'+/-.

- **3.3)** *Production pits* will be closed and remediated according to Federal, State, and Local guidelines. Proper notifications will be made according to above regulations as required. Impacted soil discovered during reclamation activities will be remediated and disposed of at an approved waste facility according to above mentioned guidelines and regulations.
- **3.4**) Available top soil, typically the top 6", will be stockpiled during reclamation procedures with the top soil being redistributed after completion of earthwork to assist in achieving adequate vegetation growth.
- 3.5) Non-native Gravel on location will be removed and/or may be placed/buried in cut areas to assist in contouring or, with AO approval, used on surrounding lease roads for road stabilization. (Non-native gravel may be buried or spread on existing roads in area as determined during onsite inspection.)

- **3.6**) Disturbed areas, approximately 0.60 acres, will be returned (as close as possible), weather permitting, to pre-disturbance topography. The removal of sharp angular corners and redefinition of natural drainage will be priority allowing for additional contouring, as needed, to aid in erosion control. Reclaimed areas will be ripped to depths of a minimum of 12" (inches), leaving the surface as rough as necessary, to provide sufficient root establishment, growth, and stabilization of disturbed areas.
- 3.7) Access roads not required will be reshaped, reclaimed and contoured as close as possible to surrounding Top soil, typically the top 6", preserved during reclamation procedures will be pulled up and redistributed after completion of earthwork to assist in achieving adequate vegetation growth
- 3.8) Seeding will be accomplished, following proper agency notifications, with recommended procedures. Appropriate certified weed free seed mixes (determined during onsite inspection) will be used. The seed mixture will consist of Alkali Sacaton, Big Sagebrush, Bottlebrush squirreltail, Fourwing saltbush, Galleta, Indian ricegrass, Morman Tea, Sand Dropseed, Shadscale and Winterfat chosen during the onsite as preferred seed mix for this location. Seed will be distributed via appropriate rates and methods as dictated by topography and soil composition of reclaimed areas. Additional methods, as dictated by reclaimed topography, may be utilized to control runoff and assist in establishing growth.
- 3.9) Fencing, signage, and other deterrents will be installed when deemed necessary to discourage travel on reclaimed areas. (Installation of security fence, approx. 200' or natural topography and road bar ditch will be utilized to isolate recreational traffic from reclaimed areas).

#### 4.0 ARCHAEOLOGICAL CONCERNS

- **4.1**) Disturbance activity outside approved areas will require additional BLM approval and may require an additional survey.
- **4.2**) All employees will be educated on the importance of cultural site preservation and legalities of disturbing cultural sites.
- **4.3**) If any culturally sensitive areas are unearthed during the reclamation process work will be immediately suspended with the incident reported to the BLM. The BLM will then notify XTO how to proceed.

# 5.0 THREATENED AND ENDANGERED SPECIES (T&E)

**5.1**) Discovery of T&E not previously surveyed during reclamation activities will immediately suspend all activities and the BLM T&E Specialist will be promptly notified.

#### 6.0 WILDLIFE RESTRICTIONS

**6.1**) Closures and restrictions specified in the APD, if applicable, will be strictly adhered to.

#### 7.0 PALEONTOLOGY

7.1) Unknown paleontology discoveries during the reclamation process will immediately halt activities and the BLM AO will be notified. XTO will standby for further instructions.

### 8.0 ABANDONMENT MARKER

**8.1**) A "Below Grade" P&A marker will be placed at least 4' below the current wash elevation of approximately 5,544' +/- @ 5,540' +/-. The below grade marker is necessary due to potential erosion of the current location by the Kutz Wash. There has been approximately 160' of bank lost from erosion since 2013.

#### 9.0 WEED MANAGEMENT

9.1) Use of approved pesticides/herbicides shall be according to applicable Federal, State, Tribal and local laws. Management of Invasive and Noxious Weeds, as listed on the BLM Noxious and Invasive list, will be dealt with in a prompt and environmentally safe manner. Noxious or invasive weeds will be eradicated using pesticides/herbicides appropriate for the type of weed found and seed mixes used on reclaimed areas. Pesticide/herbicide use shall be approved by BLM Specialist prior to application. Emergency pesticide/herbicide use shall be approved by BLM Specialist prior to application. Proper authorities will be notified at times specified by BLM with required information regarding pesticide use plans (PUPs), spraying procedures and types of weeds found. (No noxious or invasive weeds were identified during onsite. Monitoring will continue during life of project as required by laws, rules and regulations).

### 10.0 MONITORING

**10.1)** Post attainment of reclamation approval; growth monitoring will be conducted and recorded as required until appropriate growth is accomplished.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402 OIL CONS. DIV DIST. 3 JUN 0 9 2017

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment Well: E.H. Pipken # 8E

### 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.
  - a) Set Plug #1 (1354'-1254') ft. to cover the Fruitland top. BLM picks top of Fruitland at 1302 ft.
  - b) Set Plug #2 (700'-480') ft. To cover both Kirtland and the Ojo Alamo top. BLM picks top of Kirtland at 650' and the Ojo Alamo at 530' ft.

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.