

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Reports
08/13/2024

Well Name: BIG EDDY Well Location: T21S / R28E / SEC 26 / County or Parish/State: EDDY /

NWNE / 32.45668 / -104.05502

Well Number: 70 Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMLC069219 Unit or CA Name: Unit or CA Number:

LLC

Notice of Intent

Sundry ID: 2799073

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/05/2024 Time Sundry Submitted: 02:12

Date proposed operation will begin: 08/05/2024

Procedure Description: XTO Permian Operating LLC., respectfully requests approval for plug and abandonment of the above mentioned well. Please see the attached P&A procedure with current and proposed WBD's for your review.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

BEU_70_P_A_Procedure_w_Current_and_Proposed_WBDs_20240705140633.pdf

Page 1 of 2

eceived by OCD: 8/13/2024 8:41:11 AM Well Name: BIG EDDY

Well Location: T21S / R28E / SEC 26 /

NWNE / 32.45668 / -104.05502

County or Parish/State: EDDY? of

Well Number: 70

Type of Well: CONVENTIONAL GAS

Allottee or Tribe Name:

Lease Number: NMLC069219

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001523473

Operator: XTO PERMIAN OPERATING

Conditions of Approval

Specialist Review

Big_Eddy_70_Sundry_ID_2799073_P_A_20240812150007.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SHERRY MORROW Signed on: JUL 05, 2024 02:07 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND State: TX

Phone: (432) 218-3671

Email address: SHERRY.MORROW@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: LONG VO BLM POC Title: Petroleum Engineer

BLM POC Phone: 5759885402 BLM POC Email Address: LVO@BLM.GOV

Disposition: Approved **Disposition Date:** 08/12/2024

Signature: Long Vo

Page 2 of 2

PLUG AND ABANDON WELLBORE BIG EDDY UNIT 070 EDDY COUNTY, NEW MEXICO Class II

MASIP	MAOP	MAWP	Surface Csg Yield
1,000 psi	1,000 psi	3,000 psi	1980 PSI

SUMMARY: Plug and abandon wellbore according to BLM regulations.

- 1) MIRU plugging company. Set open top steel pit for plugging.
- 2) POOH LD rods and pump.
- 3) ND WH and NU 3K manual BOP. Function test BOP.
- 4) Unset TAC at 10,890.6'. POOH tbg.
- 5) MIRU WLU, RIH GR to 10,980'; RIH set CIBP at 10,975', pressure test to 500 PSI for 30 minutes; Notify BLM, dump bail 35' **Class H** cement from 10,975' to 10,940'. WOC and tag to verify TOC. (T/ Perf)
- 6) Circulate with packer fluid.
- 7) Run CBL from 10,900' to surface.
- 8) MIRU WLU, perf 6 SPF from 10,640' -10,665'.
- 9) Swab well down until well is equalized.
- 10) MIRU SLU, set tandem pressure gauges at 10,650'.
- 11) Pull after 3 weeks.
- 12) MIRU WLU, RIH GR to 10,630'; RIH set CIBP at 10,600'; pressure test to 500 PSI for 30 minutes; dump bail 35' **Class H** cement from 10,600' to 10,565'. Pull tubing up to 10,000' and reverse circulate well clean. WOC and tag to verify TOC.
- 13) Spot 25 SKS **Class H** cement from 9,750' to 9,550'. WOC and tag to verify TOC. (T/Wolfcamp)
- 14) MIRU WLU, perf 6 SPF from 9,500' 9,525'.
- 15) Swab well down until well is equalized.
- 16) MIRU SLU, set tandem pressure gauges at 9,510'.

- 17) Pull after 3 weeks.
- 18) MIRU WLU, RIH GR to 8,530'; RIH set CIBP at 8,550'; pressure test to 500 PSI for 30 minutes; dump bail 35' **Class H** cement from 6,350' to 6,150'. WOC and tag to verify TOC.
- 19) MIRU WLU, perforate at 6,350'.
- 20) Squeeze 30 SKS **Class H** cement from 6,350' to 6,150'. WOC and tag to verify TOC. (T/Bone Spring)
- 21) MIRU WLU, perforate at 4,800'.
- 22) Squeeze 25 SKS Class C cement from 4,800' to 4,600'. WOC and tag to verify TOC. (T/Brushy Canyon)
- 23) MIRU WLU, perforate at 3,650′ and 500′.
- 24) Squeeze 280 SKS Class C cement from 3,650' to 2,500'. WOC and tag to verify TOC. (T/Cherry Canyon, T/Delaware, T/Bell Canyon, Intermediate Casing Shoe)
- 25) Circulate Class C cement from 500' to surface. (~120 SKS) (Surface Casing Shoe)
- 26) ND BOP and cut off wellhead 5' below surface. RDMO PU, transport trucks, and pump truck.
- 27) Set P&A marker.
- 28) Pull fluid from steel tank and haul to disposal. Release steel tank.



Downhole Well Profile - with Schematic Well Name: Big Eddy Unit 070

API/UWI SAP Cost Center ID State/Province Permit Number County Eddy 3001523473 1135892001 New Mexico Surface Location Spud Date Original KB Elevation (ft) Ground Elevation (ft) KB-Ground Distance (ft) Surface Casing Flange Eleva

TOAC			20		10/		Julia KB Elevation (0.040		(10)	2 00	(it) Cariaco oc	asing I larige Lieva
	T/0					Wellbores							
MD (ftKB)	TVD (ftK	Incl	Vertical sci	hematic (actual)		Wellbore Name		Parent Wellbo			Wellbore /	API/UWI	
(IUND)	B)	(°)				Original Hole		Original Ho					
			KB @ 0' Elevation: 3237';			Start Depth (ftKB)				Profile Type			
- 1.0 - - 18.0 -			0.0 Spud Date: 10/1/1981; 1.0 •••••••••••••••••••••••••••••••••••	va www.www.Surfac	ace; 15 in; 400.0 ftKB	18.0							
25.9			Completion Date:	Surfac	ace; 11 3/4 in; 400.0 ftKB	Section Des		Hole Sz (in)	45	Act	Top (ftKB)		n (ftKB)
- 32.5 -			12/14/1981; 2.0 GL @ 18' Elevation: 3219';	ftKB		Surface			15		18.0		400.0
- 35.1 -			18.0	ftKB		Intermediate			11		400.0		2,600.0
- 349.7 -			······································	Produc	uction; 7 7/8 in; 12,635.0	Production			7 7/8		2,600.0)	12,635.0
- 398.6 -			11 3/4" Casing @ 400;	5-1/2"	" x 2-3/8" Tbg Anchor her; 4 1/4 in; 10,890.6	Zones							
- 2,550.9 -			400.0	ftKB		Zone Name		Top (ftKB)		Bt	m (ftKB)	Curren	t Status
- 2,597.4 -			8 5/8" Casing @ 2600';	- Acidizi Perfor	zing orated; 11,008.0-11,020.0	Strawn		11,	,008.0		11,020.0	Active	
- 2,796.9 - - 2,829.1 -			— Lam, 2,000.0 — Ramsev (final) — Ramsey 74 (final)	ftKB Seat N	Nipple; 2 3/8 in;	Atoka		11,	,426.0		11,525.0	Squeezed	
- 3.417.0 -			Ramsey 66 (final)	11,051	51.9 ftKB Anchor; 2 7/8 in;	Middle Morrow		12	,096.0		12,208.0	Squeezed	
6,237.9			Old Indian Draw (final) Bone Spring (final) 1st Bone Spring Sand	11,052	52.4 ftKB String; 3/4 in; 0.0 ftKB	Lower Morrow			254.0		12,260.0		
- 8,311.0 -			— 1st Bone Spring Sand —2nd Bone Spring Sand	Cemer	ent; Cement Plug;	Casing Strings		•			•		
- 9,643.0 -			—2nd Bone Spring Sand —TOC @ 8981'; 8,981.0 —Woltcamp (final)		98.0 ftKB orated; 11,426.0-11,431.0	Casing Strings Csg Des	Set Depth (ft	KR)	OD	(in)	Wt/Len (lb/ft	-)	Grade
- 10,787.1 -			— Strawn (final) ————	ftKB Acidizi		Surface	Oct Deptil (it	400.0	OB	11 3/4		42.00 H-40	Grade
- 10,892.1 -				Cemer	ent; Cement Squeeze; 32.0 ftKB	Intermediate	2	2,600.0		8 5/8		28.00 S-80	
- 11,007.9 -			Day (Signatura	Cemer	ent; Cement Plug;	Production		2,635.0		5 1/2		17.00 N-80	
- 11,042.0 - - 11,051.8 -			Š.	- Acidizi			12	,635.0		5 1/2		17.00 N-60	
- 11,069.9 -			8	Cemer 11,525	ent; Cement Squeeze; 25.0 ftKB	Cement				04 + 10		(61(5)	D. (61(D.)
- 11,083.3 -			Top of Plug @ 11127';	- Spot A	Acid prated; 11,519.0-11,525.0	Des Surface Casing Cem	ont	Type Casing	- 1	Start Da 0/1/1981	te lop	p (ftKB) 18.0	8tm (ftKB) 400.0
- 11,160.1 -			11,127.0; 11/20/2008 — Atol _{BTM} of Plug @ 11398';	ftKB		•							
- 11,425.9 -			11,398.0	Sidetra	track - Sidetrack 1;	Intermediate Casing		Casing		0/5/1981		18.0	2,600.0
- 11,432.1 -			Retrievable Bridge Plug;		25.0 ftKB prated; 12,096.0 ftKB	Production Casing C		Casing		1/13/1981		8,981.0	12,635.0
- 11,519.0 -			11,877.0-11,878.0 ftKB;		orated; 12,099.0 ftKB	Cement Plug		Plug		2/25/1988		11,756.0	11,850.0
- 11,711.9 -			Casing Window @	- Perfora	orated; 12,110.0 ftKB	Cement Squeeze		Squeeze	7	7/23/2004		11,426.0	11,432.0
- 11,845.1 - - 11.877.0 -			11925-11933'; 11,925.0 Whipstock;	- Spot A		Cement Squeeze		Squeeze	7	7/27/2004		11,519.0	11,525.0
- 11,924.9 -			11,925.0-11,940.0 ftKB; Bridge Plug - Permanent;		orated; 12,192.0 ftKB	Cement Plug		Plug	1	1/14/2008		11,484.0	11,845.0
- 11,940.9 -			11,940.0-11,941.0 ftKB; 8/29/2004	Perfor	orated; 12,194.0 ftKB orated; 12,196.0 ftKB	Cement Plug		Plug	1	1/15/2008		11,127.0	11,398.0
- 12,096.1 -			8/29/2004		orated; 12,198.0 ftKB orated; 12,207.0 ftKB	Tubing Strings						, ,	,
12,106.0			Total	Perfora	orated; 12,208.0 ftKB	Tubing Strings Tubing Description		Run Date			Set Depth	(ftKB)	
- 12,191.9 -			7	Re-Pe	orated; 12,255.0 ftKB 'erf; 12,254.0-12,260.0	Tubing - Production		6/22/2017			11.083.		
- 12,195.9 -				ftKB Perfora	orated; 12,257.0 ftKB	Item Des	OD (in)	Wt (lb/ft)	Grad	e Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
- 12,207.0 -			<u> </u>	Perfora	orated; 12,259.0 ftKB ent; Production Casing	Tubing	2 3/8	, ,	L-80	342	10,872.56	18.0	10,890.6
- 12,253.9 - - 12,256.9 -			7 	Cemer	ent (plug); 12,635.0 ftKB	5-1/2" x 2-3/8" Tbg	4 1/4			1	2.85	10,890.6	10,893.5
12,259.8			N P	ftKB		Anchor Catcher	'''				2.55	. 5,555.0	. 5,555.0
- 12,589.6 -			PBTD @ 11127'; 12,575.0	ftKB		Tubing	2 3/8	3 4.70	N-80	5	158.45	10,893.5	11,051.9
12,632.9			TD @ 12635'; 12,635.0	TD - O	Original Hole; 12,635.0		1 2 0/0	0	1	"	100.40	10,000.0	11,001.0
			J,,										
хто	Ene	rgy	. 0/1/2/2021/2/1/	22 D16		Page 1/3	3					Repo	rt Printed:

Released to Imaging: 8/16/2024 3:46:32 PM



Downhole Well Profile - with Schematic Well Name: Big Eddy Unit 070

API/UWI SAP Cost Center ID Permit Number State/Province County Eddy 3001523473 1135892001 New Mexico Surface Location Spud Date KB-Ground Distance (ft) Original KB Elevation (ft) Ground Elevation (ft) Surface Casing Flange Eleva

TOAC			<u> </u>			14 14 00 4 00 00	2 22 7 0	Clevation (it)	2 040	AA	1	o oo	(it) Surface Ca	sing Flange Eleva
						Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD	TVD (ftK	Incl	Vertical sch	nematic (actual)		Seat Nipple		2 3/8			1	0.50	11,051.9	11,052.4
(ftKB)	B)	(°)		,		Mud Anchor		2 7/8			1	30.20	11,052.4	11,082.6
- 1.0 -			KB @ 0' Elevation: 3237';	П		Bull Plug Mud And	hor	2 3/8	4.70		1	0.60	11,082.6	11,083.2
18.0			0.0 Spud Date: 10/1/1981; 1.0	Surface; 15 in; 400.0 ftk	В шин	Rod Strings								
- 25.9 -			Completion Date: 12/14/1981; 2.0	Surface; 11 3/4 in; 400.0		Rod Description		R	Run Date			Set Depth	(ftKB)	
- 32.5 -			GL @ 18' Elevation: 3219';	ftKB Intermediate; 8 5/8 in; 2		Rod String		6	6/23/2017			11,070.	0	
- 35.1 -	1		18.0	ftKB Production; 7 7/8 in; 12,		Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
349.7	1			I fikb		Polished Rod		1 1/4			1	26.00	0.0	26.0
2.550.9			11 3/4" Casing @ 400; 400.0	5-1/2" x 2-3/8" Tbg Ancl Catcher; 4 1/4 in; 10,89	or 0.6	Pony Rod		7/8		97	1	2.00	26.0	28.0
2,597.4			8 5/8" Casing @ 2600';	ftKB Acidizing		Pony Rod		7/8		N-97	1	6.00	28.0	34.0
- 2,796.9 -			—Lan	Perforated; 11,008.0-11 ftKB	,020.0	Pony Rod		7/8		N-97	1	8.00	34.0	42.0
- 2,829.1 -			Ramsey 66 (final)	Seat Nipple; 2 3/8 in; 11,051.9 ftKB	=	Sucker Rod		7/8		N-97	135	3,375.00	42.0	3,417.0
- 3,417.0 -			— Old Indian Draw (final) ———	Mud Anchor; 2 7/8 in; 11,052.4 ftKB		Sucker Rod		3/4		N-97	299	7,475.00	3,417.0	10,892.0
- 6,237.9 - - 8,311.0 -			— Bone Spring (final) —1st Bone Spring Sand —2nd Bone Spring Sand	Rod String; 3/4 in; 0.0 ft Cement; Cement Plug;	КВ	Sinker Bar		1 1/2		С	6	150.00	10,892.0	11,042.0
9,643.0			— 2nd Bone Spring Sand — 2nd Bone Spring Sand — TOC @ 8981'; 8,981.0 — Woltcamp (final)	11,398.0 ftKB Perforated; 11,426.0-11	431.0	Sucker Rod w/Gui	des	3/4		97	1	4.00	11,042.0	11,046.0
- 10,787.1 -			— Strawn (final) ————	ftKB Acidizing	,401.0	Rod Insert Pump		1 1/4			1	24.00	11,046.0	11,070.0
- 10,892.1 -				Cement; Cement Squee	ze;	Other In Hole								
- 11,007.9 -	1		AAM	11,432.0 ftKB Cement; Cement Plug;		Run Date		Des		OD (in)		Top (ftKB)	Bi	m (ftKB)
- 11,042.0 - - 11,051.8 -			Ŷ.	11,845.0 ftKB Acidizing		8/29/2004	Bridge	Plug - Per	manent	4	4 1/2	11,9	940.0	11,941.0
- 11,069.9 -			<u>§</u>	- Acidizing Cement; Cement Squee 11,525.0 ftKB - Spot Acid	ze;	8/31/2004	Whipst	tock			5	11,9	925.0	11,940.0
- 11,083.3 -			Top of Plug @ 11127'; 11,127.0; 11/20/2008	- Spot Acid Perforated; 11,519.0-11	,525.0	10/17/2004	Retriev	/able Bridg	e Plug	4	4 1/2	11,8	377.0	11,878.0
- 11,160.1 -			— AtolBTM of Plug @ 11398'; 11,398.0	ftKB Gravel packs; 11,845.0	_	10/18/2004	Gravel	packs		-	4 1/2	11,8	345.0	11,877.0
- 11,425.9 -	1		11,396.0	Sidetrack - Sidetrack 1;		Perforations								
- 11,432.1 - - 11,519.0 -			Retrievable Bridge Plug;	Perforated; 12,096.0 ftk		Date		Top (ftKB)		Btm (ftKB)			Linked Zone	
11,711.9			11,877.0-11,878.0 ftKB; — Ur 10/17/2004	Perforated; 12,106.0 ftK	В	11/18/2008		11,0	0.800	11,	020.0	Strawn, Origin	al Hole	
- 11,845.1 -			Casing Window @ 11925-11933'; 11,925.0	Perforated; 12,110.0 ftK	В	3/5/1988		11,4	426.0	11,	431.0	Atoka, Origina	l Hole	
11,877.0			Whipstock; 11,925.0-11,940.0 ftKB;	- Acidizing Perforated; 12,192.0 ftk	В	2/27/1988		11,5	519.0	11,	525.0	Atoka, Origina	l Hole	
- 11,924.9 -			Bridge Plug - Permanent;	Perforated; 12,194.0 ftK	В	12/11/1981		12,0	096.0			Middle Morrow		
- 11,940.9 - - 12.096.1 -			8/29/2004	Perforated; 12,196.0 ftk Perforated; 12,198.0 ftk	В	12/11/1981		-	099.0			Middle Morrow		
12,106.0				Perforated; 12,207.0 ftk Perforated; 12,208.0 ftk		12/11/1981		-	106.0			Middle Morrow		
- 12,191.9 -				Perforated; 12,255.0 ftk Re-Perf; 12,254.0-12,26	В	12/11/1981			110.0			Middle Morrow		
- 12,195.9 -			<u>-</u>	ftKB Perforated; 12,257.0 ftK		12/11/1981		-	192.0			Middle Morrow		
- 12,207.0 -				Perforated; 12,259.0 ftK	В	12/11/1981		-	194.0			Middle Morrow		
- 12,253.9 - - 12,256.9 -			7	Cement; Production Ca Cement (plug); 12,635.0) ftKB	12/11/1981		-	196.0			Middle Morrow		
12,259.8		.]	R R	PBTD Original Hole; 12		12/11/1981		-	198.0			Middle Morrow		
- 12,589.6 -			PBTD @ 11127'; 12,575.0	Production; 5 1/2 in; 12, ftKB		12/11/1981	-	-	207.0			Middle Morrow		
- 12,632.9 -			TD @ 12635'; 12,635.0	TD - Original Hole; 12,6	35.0	12/11/1301		12,2	207.0	12,	201.0	Wildule Worldw	, Original Hole	
VTC			_			Da	2/2						Damas	t Drinted:
хто	⊏ne	rgy	. 0/16/2024 2-46-2	22 1014		Page	2/3						керо	t Printed:

Released to Imaging: 8/16/2024 3:46:32 PM



Downhole Well Profile - with Schematic

Well Name: Big Eddy Unit 070

API/UWI SAP Cost Center ID Permit Number State/Province New Mexico Eddy

Surface Location Spud Date Original KB Elevation (ft) Ground Elevation (ft) KB-Ground Distance (ft) Surface Casing Flange Elevation (ft) Surface Casing Flange Elevation (ft) County Eddy

Surface Location Spud Date Original KB Elevation (ft) Ground Elevation (ft) KB-Ground Distance (ft) Surface Casing Flange Elevation (ft) County Eddy

MD (ftKB)	TVD (ftK B)	Incl (°)	Vertical schematic (actual)
- 1.0 -			KB @ 0' Elevation: 3237';
			0.0
- 18.0 -			Surface; 15 in; 400.0 ftKB Surface; 15 in; 400.0 ftKB Surface; 11 3/4 in; 400.0 ftKB
- 25.9 -			12/14/1981; 2.0 Intermediate; 11 in; 2,600.0
32.5			GL @ 18' Elevation: 3219';
- 35.1 -			ftKB
349.7			Production; 7 7/8 in; 12,635.0 ftKB
398.6			11 3/4" Casing @ 400: 5-1/2" x 2-3/8" Tbg Anchor
2,550.9			400.0 Catcher; 4 1/4 in; 10,890.6
2,597.4			8 5/8" Casing @ 2600';
- 2.796.9 -			2.600.0 Perforated; 11,008.0-11,020.0
2,796.9			Ramsey 74 (final) ftKB Seat Nipple; 2 3/8 in;
, .			Ramsey 66 (tinal)
- 3,417.0 -			— Old Indian Draw (final) — Mud Anchor; 2 7/8 in; — 11,052.4 ftKB
- 6,237.9 -			— Bone Spring (final) — Rod String; 3/4 in; 0.0 ftKB
- 8,311.0 -			— 2nd Bone Spring Sand — — — — — — — — — — — — — — — — — — —
9,643.0			—Wolfcamp (final) ————————————————————————————————————
- 10,787.1 -			— Strawn (final) — — — — — — — — — — — — — — — — — — —
- 10,892.1 -			-Acidizing Cement; Cement Squeeze;
- 11,007.9 -			11,432.0 ftKB
- 11.042.0 -			Cement; Cement Plug;
- 11.051.8 -			-Acidizing
,			Cement; Cement Squeeze;
- 11,069.9 -			Top of Plug @ 11127';
- 11,083.3 -		i i	11,127.0; 11/20/2008 Perforated; 11,519.0-11,525.0
- 11,160.1 -			AtolBTM of Plug @ 11398; ftKB
- 11,425.9 -			Sidetrack - Sidetrack 1;
11,432.1			Retrievable Bridge Plug: 11,925.0 ftKB
- 11,519.0 -			Retrievable Bridge Plug; 11,877.0-11,878.0 ftKB;
- 11,711.9 -			Ur 10/17/2004 Perforated; 12,106.0 ftKB
- 11,845.1 -			Casing Window @ - Perforated; 12,110.0 ftKB 11925-11933'; 11,925.0 - Spot Acid
- 11,877.0 -			Whipstock; Acidizing
11,977.0			11,925.0-11,940.0 ftKB; Perforated; 12,192.0 ftKB
, .			Bridge Plug - Permanent; Perforated; 12,194.0 ftKB 11,940.0-11,941.0 ftKB; Perforated: 12,196.0 ftKB
- 11,940.9 -		i .	
- 12,096.1 -		1	Perforated; 12,207.0 ftKB
12,106.0			Perforated; 12,208.0 ftKB
- 12,191.9 -			Po Porf: 12 254 0 12 260 0
- 12,195.9 -			ftKB
- 12,207.0 -			Perforated; 12,257.0 ftKB
- 12,253.9 -			Ferrorated, 12,259.0 ItAB Cement; Production Casing Cement (plug); 12,635.0 ftKB
- 12.256.9 -			
12,259.8			PBTD Original Hole; 12,591.0
	Ĭ	[PBTD @ 11127'; 12,575.0 Production; 5 1/2 in; 12,635.0
- 12,589.6 -			ftKB TD - Original Hole; 12,635.0
- 12,632.9 -		1	TD @ 12635'; 12,635.0

Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
12/11/1981	12,208.0	12,208.0	Middle Morrow, Original Hole
3/7/1984	12,254.0	12,260.0	Lower Morrow, Original Hole
12/11/1981	12,255.0	12,255.0	Lower Morrow, Original Hole
12/11/1981	12,257.0	· · · · · · · · · · · · · · · · · · ·	Lower Morrow, Original Hole
12/11/1981	12,259.0	12,259.0	Lower Morrow, Original Hole

Stimulation Inter	vals				
			Pump Power Max		
Interval Number	Top (ftKB)	Btm (ftKB)	(bbl/min)	MIR (bbl/min)	Proppant Total (lb)
1					0.0
1	12,090.0	12,260.0			0.0
1	12,096.0	12,259.0			0.0
2	11,519.0	11,525.0			0.0
2	11,519.0	11,525.0			0.0
3	11,426.0	11,431.0			0.0
4	11,008.0	11,020.0			0.0

XTO Energy Page 3/3 Report Printed:

BEU 70 - Proposed WBD

400' Surface Casing Shoe

2600' Intermediate Casing Shoe

2672' T/Delaware & Bell Canyon

3556' T/Cherry Canyon

4710' T/Brushy Canyon

6257' T/Bone Spring

8981' TOC

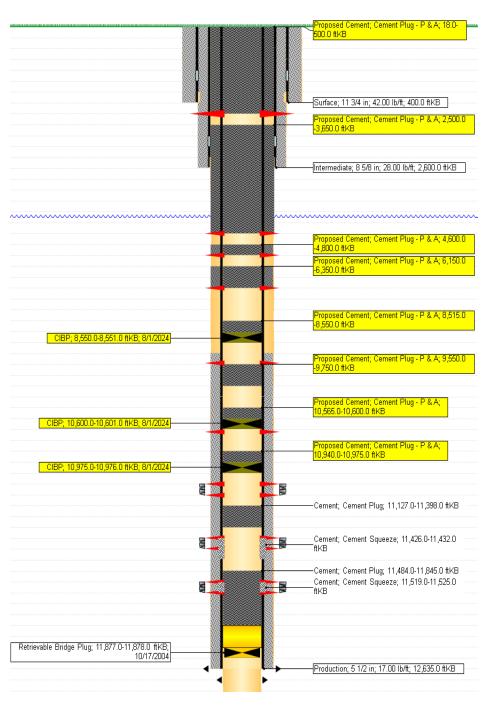
9637' T/Wolfcamp

11005' T/Strawn

11008' T/Perfs

11390' T/Atoka

11972' T/Morrow



Perf and circulate 500' to surface.

Perf and squeeze 280 SKS Class C: 3,650' to 2,500'. WOC and Tag.

Perf and squeeze 25 SKS Class C: 4,800' to 4,600'. WOC and Tag.

Perf and squeeze 30 SKS **Class H**: 6,350' to 6,150'. WOC and Tag. Dump bail 35' **Class H** atop CIBP: 6,350' to 6,150'. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

Spot 25 SKS Class C: 9,750' to 9,550'. WOC and Tag.

Dump bail 35' **Class H** atop CIBP: 10,600' to 10,565'. PT CIBP to 500 PSIG for 30 min. WOC and

Dump bail 35' **Class H** atop CIBP: 10,975' to 10,940'. PT CIBP to 500 PSIG for 30 min. WOC and

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Report 08/12/2024

Well Name: BIG EDDY

Well Location: T21S / R28E / SEC 26 / NWNE / 32.45668 / -104.05502

County or Parish/State: EDDY /

NM

Well Number: 70

Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

Lease Number: NMLC069219

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001523473

Operator: XTO PERMIAN OPERATING

LLC

LONG

Digitally signed by LONG VO Date: 2024.08.12 15:52:36 -05'00'

Notice of Intent

Sundry ID: 2799073

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/05/2024

Time Sundry Submitted: 02:12

Date proposed operation will begin: 08/05/2024

Procedure Description: XTO Permian Operating LLC., respectfully requests approval for plug and abandonment of the above mentioned well. Please see the attached P&A procedure with current and proposed WBD's for your review.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

BEU_70_P_A_Procedure_w_Current_and_Proposed_WBDs_20240705140633.pdf

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Well Name: BIG EDDY

Well Location: T21S / R28E / SEC 26 /

NWNE / 32.45668 / -104.05502

County or Parish/State: EDDY /

NM

Well Number: 70

Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

Lease Number: NMLC069219

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001523473

Operator: XTO PERMIAN OPERATING

LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SHERRY MORROW

Signed on: JUL 05, 2024 02:07 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND

State: TX

Phone: (432) 218-3671

Email address: SHERRY.MORROW@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

Medium Karst 350

Form 3160-5 UNITED STATES (June 2019) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021 5. Lease Serial No. 2022 (2)					
SUNDRY NOTICES AND REPORTS ON V Do not use this form for proposals to drill or to abandoned well. Use Form 3160-3 (APD) for sur	VELLS 6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRIPLICATE - Other instructions on page						
1. Type of Well	MANAGEMENT AND STORY OF THE STO					
Oil Well Gas Well Other	8. Well Name and No. BIG EDDY/70					
2. Name of Operator XTO PERMIAN OPERATING LLC	9. API Well No. 3001523473					
3a. Address 6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND, 3b. Phone No. (432) 683-22	(include area code) 10. Field and Pool or Exploratory Area					
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 26/T21S/R28E/NMP	INDIAN FLATS/INDIAN FLATS 11. Country or Parish, State EDDY/NM					
12. CHECK THE APPROPRIATE BOX(ES) TO IN	DICATE NATURE OF NOTICE, REPORT OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION					
✓ Notice of Intent						
1 Totale of Intelli	aulic Fracturing Reclamation Well Integrity					
	Construction Recomplete Other					
☐ Final Abandonment Notice ☐ Convert to Injection ☐ Plug	and Abandon Temporarily Abandon Back Water Disposal					
is ready for final inspection.) XTO Permian Operating LLC., respectfully requests approval for plug a P&A procedure with current and proposed WBD's for your review.	and abandonment of the above mentioned well. Please see the attached					
14. I hereby certify that the foregoing is true and correct. Name (Printed Typed) SHERRY MORROW / Ph: (432) 218-3671	Regulatory Analyst					
Signature (Electronic Submission)	Date 07/05/2024					
THE SPACE FOR FEDI	ERAL OR STATE OFICE USE					
Approved by Long Vo Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lea						
which would entitle the applicant to conduct operations thereon.	y person knowingly and willfully to make to any day to the first to the					

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS 112 VID

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NWNE / 660 FNL / 1980 FEL / TWSP: 21S / RANGE: 28E / SECTION: 26 / LAT: 32.45668 / LONG: -104.05502 (TVD: 0 feet, MD: 0 feet) BHL: NWNE / 660 FNL / 1980 FEL / TWSP: 21S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

PLUG AND ABANDON WELLBORE BIG EDDY UNIT 070 EDDY COUNTY, NEW MEXICO Class II

MASIP	MAOP	MAWP	Surface Csg Yield
1,000 psi	1,000 psi	3,000 psi	1980 PSI

SUMMARY: Plug and abandon wellbore according to BLM regulations.

- 1) MIRU plugging company. Set open top steel pit for plugging.
- 2) POOH LD rods and pump.
- 3) ND WH and NU 3K manual BOP. Function test BOP.
- 4) Unset TAC at 10,890.6'. POOH tbg.
- 10 458 5

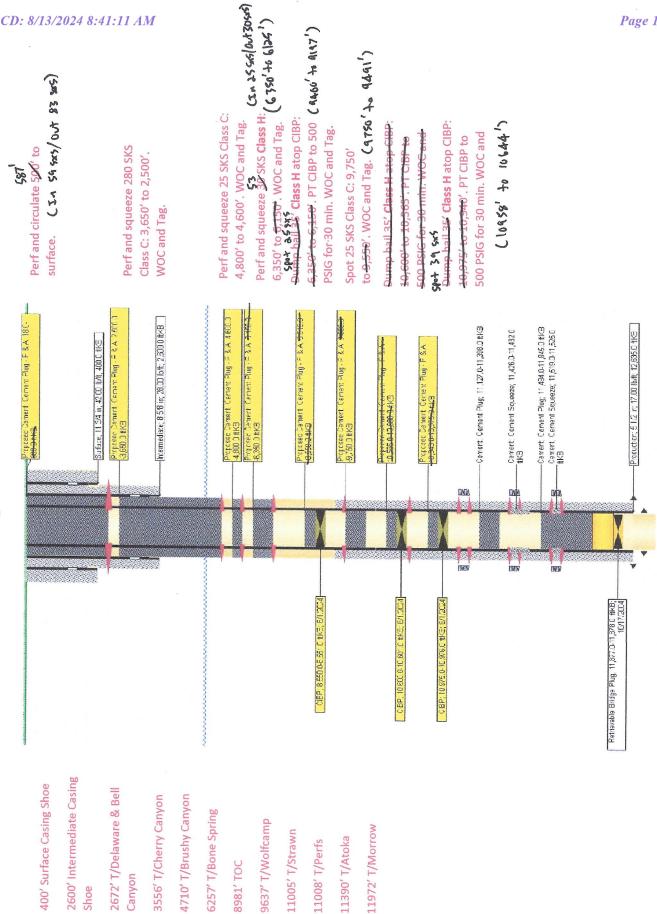
 MIRU WLU, RIH GR to 10,980'; RIH set CIBP at 10,975', pressure test to 500 PSI for 30 minutes; Notify BLM, dump bail 35' Class H cement from 10,975' to 10,940'.

 WOC and tag to verify TOC. (T/ Perf)

 Sect. 39 5x5 Jam. 10 958' to 10 644'.
- 6) Circulate with packer fluid.
- 7) Run CBL from 10,900' to surface.
- 8) MIRU WLU, perf 6 SPF from 10,640' -10,665'.
- 9) Swab well down until well is equalized.
- 10) MIRU SLU, set tandem pressure gauges at 10,650'.
- 11) Pull after 3 weeks.
- 12) MIRU WLU, RIH GR to 10,630'; RIH set CIBP at 10,600', pressure test to 500 PSI for 30 minutes; dump bail 35' Class H cement from 10,600' to 10,565'. Pull tubing up to 10,000' and reverse circulate well clean. WOC and tag to verify TOC.
- 13) Spot 25 SKS **Class H** cement from 9,750' to 9,550'. WOC and tag to verify TOC. (T/Wolfcamp)
- 14) MIRU WLU, perf 6 SPF from 9,500' 9,525'.
- 15) Swab well down until well is equalized.
- 16) MIRU SLU, set tandem pressure gauges at 9,510'.

- 17) Pull after 3 weeks.
- مهده مهده ا
- 18) MIRU WLU, RIH GR to 8,530'; RIH set CIBP at 8,550'; pressure test to 500 PSI for 30 minutes; dump bail 35' Class H cement from 6,350' to 6,150'. WOC and tag to verify TOC. Set 25 7x5 cm 100. (9460' 20 4197')
- 19) MIRU WLU, perforate at 6,350'.
- (1) Squeeze 30 SKS Class H cement from 6,350' to 6,150'. WOC and tag to verify TOC. (T/Bone Spring)
- 21) MIRU WLU, perforate at 4,800'.
- 22) Squeeze 25 SKS Class C cement from 4,800' to 4,600'. WOC and tag to verify TOC. (T/Brushy Canyon)
- 23) MIRU WLU, perforate at 3,650' and 500'.
- 24) Squeeze 280 SKS Class C cement from 3,650' to 2,500'. WOC and tag to verify TOC. (T/Cherry Canyon, T/Delaware, T/Bell Canyon, Intermediate Casing Shoe)
- 25) Circulate Class C cement from 500' to surface. (~120 SKS) (Surface Casing Shoe) (\$\frac{4}{5}\frac{9}{5}\f
- 26) ND BOP and cut off wellhead 5^\prime below surface. RDMO PU, transport trucks, and pump truck.
- 27) Set P&A marker.
- 28) Pull fluid from steel tank and haul to disposal. Release steel tank.

BEU 70 - Proposed WBD



N. N.	ENERGY			wnhole Well Profile - with Schematic Well Name: Big Eddy Unit 070	otile - With Sch Big Eddy Unit 070	nemati. 70	•				
API/UWI 30015;	API/UWI 3001523473	SAP Cost Center ID 1135892001	Permit Number	State/Province New Mexico		County					
urface	Surface Location			Spud Date Original	Original KB Elevation (ft)	Ground Elevation (ft)	evation (ft)	KB-Ground Distance (ft)	Distance (ft)	Surface Ca	Surface Casing Flange Eleva
	-			Wellbores							
(# (#)	¥ € € €	Vertical schematic (actual)	natic (actual)	Wellbore Name Original Hole		Parent Wellbore Original Hole	0		Wellbore API/UWI	, IMI	
6,1		KB @ 0' Elevation: 3237;		Start Depth (ftKB) 18.0			Profile Type	ed.		navelenia de la composito de l	
18.0			Surface; 15 in; 400	R/B		Hole Sz (in)		Act Top (ftKB)		Act Btm (ftKB)	n (#KB)
32.5			Intermediate; 11 in:	Surface			15	AND THE PROPERTY OF THE PROPER	18.0		400.0
35.1			Intermediate; 8 5/8 in; 2,600.0 ftKB				11		400.0		2,600.0
349.7				Production		7	7/8		2,600.0		12,635.0
398,6		11 3/4" Casing @ 400; 400.0	881	Zones							
2.597.4			trk®			Top (ftKB)		Btm (ftKB)			Current Status
2.796.9	- !	2,600.0	Perforated: 11,008.0-11,020.0			11,008.0	0.80	-		Active	
2.829.1		Ramsey 74 (final)	Seat Nipple; 2 3/8 in;	Atoka		11,426.0	0.9	~	11,525.0 Sq	Squeezed	
3,417,0		Namsey by (final)	Mud Anchor; 2 7/8 in;	Middle Morrow		12,096.0	0.96	-	12,208.0 Sq	Squeezed	
6,237,9		Born British (final)	11,052.4 ftKB Rod String: 3/4 iv: 0.0 ftKB	Lower Morrow		12,254.0	0.4.0	1	12.260.0		
6,311.0		Zhd Bone Spring Sand TOC @ 8981; 8,981.0	Cement, Cement Plug;	Casing							
10,787,1			Tenorated, 11,425,0-11,431,0	_	Set Depth (ftKB)	B)	OD (in)		Wt/Len (lb/ft)		Grade
10,892,1			Acidizing Cement Sourceze	Surface	,	400.0	11 3/4		42.00	0 H-40	
11,007,9		(PE)	11,432.0 ftKB	Intermediate	2,6	2,600.0	8 5/8	8/	28.00	08-80	
11,042,0		very trial by		Production	12,6	12,635.0	5 1/2	/2	17.0	17,00 N-80	
11,051,8			. S . S .	Cement							
11 083 3		3520	0.0			Type	Star	Start Date	Top (ftKB)		Btm (ftKB)
11,166,1		AtolatM of Phia @ 11398:	Perforated; 11,519.0-11,525.0			Casing	10/1/1981			18.0	400.0
11,425,9	***************************************	11,398.0	Gravel packs; 11,845,0 Sidetrack - Sidetrack 1;	Intermediate Casing Cement		Casing	10/5/1981	1		18.0	2,600.0
11,432,1		Retrievable Bridge Plugi	11,925,0 ftKB Perforated: 12,096.0	Production Casing Cement		Casing	11/13/198	181	8,9	8,981.0	12,635.0
11,519,0		11,877.0-11,878.0 ftKB; F 5	Perforated: 12,099.0 ftKB	Cement Plug	<u>a</u>	Plug	2/25/1988	80	11,7	11,756.0	11,850.0
11,845,1		_	1, 12,110,0	Cement Squeeze	S	Squeeze	7/23/2004	4	11,4	11,426.0	11,432.0
11,877.0			- Spot Acid	Cement Squeeze	S	Squeeze	7/27/2004	4	11,5	11,519.0	11,525.0
11,924,9		Bridge Plug - Permanent	Perforated; 12,192.0 ftKB	Cement Plug	<u> </u>	Plug	11/14/2008	08	11,4	11,484.0	11,845.0
11,940.9		1		Cement Plug	В	Plug	11/15/2008	90	11,1	11,127.0	11,398.0
12,096,1				Tubing Strings							
12,191,9		KRZZ	Perforated; 12,255.0 ffKB Re-Perf; 12,254.0-12,260.0	<u>''</u>	8 9	Run Date 6/22/2017		S L	Set Depth (ftKB) 11.083.2		
12,207.0			Ì	Item Des	OD (in)	Wt (lb/ft)	Grade Jts	Le		Top (ftKB)	Btm (ftKB)
12,253.9					2 3/8		_	2		18.0	10,890.6
12,256,9		PBTD @ 11127; 12.575.0			4/1/4				2.85	10,890.6	10,893.5
12,589.6			TRKB TD - Original Hole, 12,635.0	Tubing	2 3/8	4.70 N-80	-80	5 15	158.45	10,893.5	11,051.9
XTO E	Energy			Dage 1/3						1	
E	70			21 0801				***************************************		кероп	Report Printed:

N. A.	TTO ENERGY		Down	Downhole Well Profile - with Schematic Well Name: Big Eddy Unit 070	ofile - with Scho	hemai 70	Ti C				÷
API/UWI 3001523473	23473	SAP Cost Center ID 1135892001	Permit Number	State/Province New Mexico		County					
Surface Location		200		Spud Date	Original KB Elevation (ft)		Ground Elevation (ft)	KB-C	KB-Ground Distance (ft)		Surface Casing Flange Eleva
1	4			n Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD	(#Z	Vertical schematic (actual)	natic (actual)	Seat Nipple	2 3/8			-	05.0	11,051.9	11,052.4
				Mud Anchor				-	30.20	11,052.4	11,082.6
0.1		KB @ 0' Elevation: 3237;		Bull Plug Mud Anchor	or 2 3/8	4.70		1	09.0	11,082.6	11,083.2
18,0		The state of	Surface; 15 in; 40	3							
32,5		GL @ 18' Elevation: 3219';	Intermediate: 11 in; 2,600.0 ftKB		π છ	Run Date 6/23/2017			Set Depth (ftKB) 11,070.0	(ftKB) 0	
35.1		18.0			(uj) GO	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
349.7				2	1 1/4			-	26.00	0.0	26.0
2,550.9		10/4 Casing @ 400.0	Catcher; 4 1/4 in; 10,890.6		2//8		97	1	2.00	26.0	28.0
2,597,4		8 5/8" Casing @ 2600";	Acidizing		7/8		N-97	1	00.9	28.0	34.0
2,796,9		2,600.0	REPORTED 11,008.0-11,020.0		8//		N-97	+	8.00	34.0	42.0
2.829.1		Ramsey 74 (final)	Seat Nipple; 2 3/8 in; 11,051,9 ftKB	Sucker Rod	2/8		N-97	135	3,375.00	42.0	3,417.0
6,237,9		Old Indian Draw (final) Bone Spring (final)	Mud Anchor; 2 7/8 in; 11,052.4 ftKB	П	3/4		N-97	299	7,475.00	3,417.0	10,892.0
8,311,0		1st Bone Spring Sand 2nd Bone Spring Sand	Rod String; 3/4 in; 0.0 ftKB Cement, Cement Plug;	П	-		O	9	150.00	10,892.0	11,042.0
9,643,0		1	11,398,0 ftKB Perforated; 11,426,0-11,431,0	_	es 3/4		97	_	4.00	11,042.0	11,046.0
10,787,1		Strawn (finat)	ftKB Acidizing	- Rod Insert Pump	1 1/4	The bear of the second		-	24.00	11,046.0	11,070.0
10,892.1				Other In Hole							
11,042,0			Cement, Cement Plug.	Run Date	Des		OD (in)		Top (ffKB)		Btm (ftKB)
11,051.8	-		T	8/29/2004	Bridge Plug - Permanent	nanent	7	4 1/2	11,9	11,940.0	11,941.0
11,069,9		\$100 pt	11,525,0 #KB	8/31/2004	Whipstock			2	11,9	11,925.0	11,940.0
11.083.3	-	\$2.5		10/17/2004	Retrievable Bridge Plug	e Plug	7	4 1/2	11,8	11,877.0	11,878.0
11,160,1		AtolBTM of Plug @ 11398;	s Gett	- 10/18/2004 G	Gravel packs		7	4 1/2	11,8	11,845.0	11,877.0
11,432,1	• • • • • • • • • • • • • • • • • • • •		Sidetrack - Sidetrack 1;	Perforations							
11,519,0		Trievable Bridge Plug;	Perforated; 12,096,0 TKB	Date	Top (ftKB)		Btm (ftKB)			Linked Zone	
11.711.9		_		11/18/2008	11,008.0	0.80	11,	11,020.0 Str	Strawn, Original Hole	al Hole	
11,845,1	***********	11925-11933; 11,925.0	Spot Acid	3/5/1988	11,426.0	26.0	11,	11,431.0 Ato	Atoka, Original Hole	Hole	
11.877.0		ᆚ	- Perforated; 12,192.0 ftKB	2/27/1988	11,519.0	19.0	17	11,525.0 Atc	Atoka, Original Hole	Hole	
11.940.9			Perforated; 12,194,0 ftKB	12/11/1981	12,096.0	0.96	12,	12,096.0 Mi	ddle Morrow,	Middle Morrow, Original Hole	
12,096,1		8/29/2004	Perforated; 12,198,0	12/11/1981	12,0	12,099.0	12,	12,099.0 Mic	ddle Morrow,	Middle Morrow, Original Hole	
12,106.0		is a	Perforated; 12,208.0	12/11/1981	12,106.0	0.90	12,	12,106.0 Mid	ddle Morrow,	Middle Morrow, Original Hole	
12,191.9	-	8 8 8	I	12/11/1981	12,110.0	10.0	12,		ddle Morrow,	Middle Morrow, Original Hole	
12,195,9			Perforated; 12,257.0 ftKB	12/11/1981	12,192.0	92.0	12,	12,192.0 Mic	ddle Morrow,	Middle Morrow, Original Hole	
12,253,9		N Sign	Perforated; 12,259.0 ftKB	12/11/1981	12,194.0	94.0	12,	12,194.0 Mic	ddle Morrow,	Middle Morrow, Original Hole	
12,256,9		15 27		.0 12/11/1981	12,196.0	96.0	12,	12,196.0 Mic	Middle Morrow,	, Original Hole	
12,269,8		PBTD @ 11127; 12,575.0			12,198.0	98.0	12,	12,198.0 Mic	ddle Morrow,	Middle Morrow, Original Hole	
12,632,9		TD @ 12635: 12.635.0	TKB TD - Original Hole; 12,635.0	12/11/1981	12,207.0	0.70	12,	12,207.0 Mic	ddle Morrow,	Middle Morrow, Original Hole	
XTOF	Fnergy			2/C ADC							
)	180			lage 7/	2					керог	Report Printed:

N. N.	EN ERGY		Down	Downhole Well Profile - with Schematic Well Name: Big Eddy Unit 070	ofile - with Scho Big Eddy Unit 070	hematic 0				
API/UW 30015	API/UWI 3001523473	SAP Cost Center ID 1135892001	Permit Number	State/Province New Mexico		County Eddy				
Surface	Surface Location	0n - 000		Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)		KB-Ground Distance (ft)		Surface Casing Flange Eleva
MD	5		And the state of t	Perforations Date	Top (#KB)	B	Rtm (#KB)		linked Zone	ar.
(MKB)		(°) Verucai scriemano (acual)	rauc (actual)	12/11/1981	12,2	12,208.0	,208.0	Middle Morre	Middle Morrow, Original Hole	Hole
		KB @ 0' Elevation: 3237';		3/7/1984	12,2	12,254.0		ower Morro	Lower Morrow, Original Hole	Hole
18,0		0.0 own Spud Date: 10/1/1981; 1.0	dana	12/11/1981	12,2	12,255.0	12,255.0 L	Lower Morrow,	ow, Original Hole	Hole
25,9		200 200	HESHE:	B 12/11/1981	12,2	12,257.0	12,257.0 L	ower Morro	Lower Morrow, Original Hole	Hole
32,5		GL @ 18' Elevation: 3219';	(2)(0) ((2)(0)			12,259.0	12,259.0 L	ower Morro	Lower Morrow, Original Hole	Hole
349.7				Ostimulation Intervals	als					
398,6		11 3/4" Casing @ 400;	6-1/2" x 2-3/8" Tb	Interval Number	Top (ftKB)	Btm (ftKB)	Pump Power Max (bbl/min)		MIR (bbl/min)	Proppant Total (lb)
2.550.9			ftKB	_						0.0
2,796,9		2,600.0	Perforated; 11,008.0-11,020.0	1.0	12,090.0	12,260.0				0.0
2.829.1		Kamsey (inal)	Seat Nipple; 2 3/8 in;		12,096.0	12,259.0				0.0
3,417,0		Old Indian Draw (final)	Mud Anchor; 2 7/8 in;	2	11,519.0	11,525.0	Министический приментирующий примен			0.0
6,237,9		Bone Spring (final)	Rod String; 3/4 in; 0.0 ftKB	2	11,519.0	11,525.0				0.0
9,643,0		Wolfcomp (final)	11,398,0 ftKB	3	11,426.0	11,431.0				0.0
10,787.1			(#KB	4	11,008.0	11,020.0				0.0
11,007,9			314							
11,069,9		2 2 2 2 2	i skë							
11,083,3		The Chil	2525 53	0,1						
11,425,9			Gravel packs; 11,845,0 Sidetrack - Sidetrack 1,							
11,519,0		CINCIP	EMAY							
11.845,1		Casing Window @ 11925-11933", 11,925.0	*****							
11,877,0		لرإ	- Acidizing - Perforated; 12,192.0 ftKB							
11,940,9			Perforated, 12,196,0 ftKB							
12.096.1			П							
12,106,0										
12,195,9			II.							
12,207,0		26								
12,253.9			Cement, Production Casing Cement (plug); 12,635,0 ftKB							
12,269.8		PBTD @ 11127; 12,575.0								
12,632,9		TD @ 12635; 12,635.0	TD - Original Hole; 12,635,0							
XTO	XTO Energy	1)	A descriptions of the second s	Page 3/	3/3				Re	Report Printed:
-	-								The section of the se	

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **fresh** water. Minimum nine (9) pounds per gallon.
- 5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours for Class C or accelerated cement (calcium chloride) and 6 hours for Class H. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

Fluid used to mix the cement in R111Q shall be saturated with the salts common to the section penetrated, and in suitable proportions but not less than 1% and not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified *BY PHONE* (numbers listed in 2. Notifications) a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure). Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- 1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or

concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech/Environmental Protection Specialist 575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Crisha Morgan Environmental Protection Specialist 575-234-5987

Jose Martinez-Colon Environmental Protection Specialist 575-234-5951

Mark Mattozzi Environmental Protection Specialist 575-234-5713

Robert Duenas Environmental Protection Specialist 575-234-2229

Doris Lauger Martinez Environmental Protection Specialist 575-234-5926

Jaden Johnston Environmental Protection Asst. (Intern) 575-234-6252

Released to Imaging: 8/16/2024 3:46:32 PM

Sundry ID	2799073						
,						Cement	
Plug Type	Тор	Bottom	Length	Tag	Sacks	Class	Notes
			_				
Surface Plug	0.00		100.00	Tag/Verify			
Fresh Water @ 350	296.50		103.50				
11.75 inch- Shoe Plug	346.00	450.00	104.00	Tag/Verify			
							Perf and squeeze
Top of Salt @ 537	481.63	587.00	105.37	Tag/Verify	142.00	С	from 587' to surface.
8.625 inch- Shoe Plug	2524.00			Tag/Verify			
				If solid			
				base no need to			
				Tag			
				(CIBP			
				present			
				and/or			
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			
				Sqz then Tag, Leak			
				Test all			Perf and squeeze
				CIBP if no			from 3650' to 2500'.
				Open			WOC and Tag. (In
				Perforatio			114 sxs/Out 153
Delaware @ 2673	2596.27	2723.00	126.73	ns	267.00	С	sxs)
				If solid			
				base no			
				need to			
				Tag			
				(CIBP			
				present			
				and/or			
				Mechanic			
				al Integrity Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all			
				CIBP if no			Perf and squeeze
				Open			cement from 6350'
Davida de O coco	0405.00	0000 00	400.00	Perforatio	50.00		to 6125'. (In 23
Bonesprings @ 6238	6125.62	6288.00	162.38		53.00	U	sxs/Out 30 sxs)
				base no			Spot cement from
CIPD Dive	0407.00	0400.00	202.00	need to	25.00	L	9400' to 9197'. Leak test CIBP.
CIBP Plug Perforations Plug (If No CIBP)	9197.00 9379.75	9400.00 9575.00	203.00 195.25	Tag/Verify	∠5.00	I ⁻¹	lesi CIDF.
renorations riug (ii No Cibr)	9319.75	9575.00	195.25	ray/verily			i .

						1	T
				If solid			
				base no			
				need to			
				Tag (CIBP			
				present and/or			
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all			
				CIBP if no			
				Open			0
W-16 @ 0000	0404.00	0000.00	400.00	Perforatio	22.00		Spot cement from
Wolfcamp @ 9638	9491.62	9688.00	196.38		32.00	Н	9750' to 9491'.
Strawn @ 10803 Perforations Plug (If No CIBP)	10644.97 10859.80	10853.00 11070.00	208.03	Tag/Verify			
Periorations Plug (II No CIDP)	10059.00	11070.00	210.20	rag/verily			
				If solid			
				base no			
				need to			
				Tag			
				(CIBP			
				present			
				and/or			
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all			
				CIBP if no			Set CIBP at 10958'.
				Open			Leak test CIBP.
				Perforatio			Spot cement from
CIBP Plug	10923.00	10958.00	35.00		39.00	Н	10958' to 10644'.
5.5 inch- Shoe Plug	12458.65	12685.00		Tag/Verify	1		
CIBP Plug 5.5 inch- Shoe Plug	10923.00 12458.65	10958.00 12685.00	35.00 226.35		39.00	Н	10958' to 10644'.

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole. Class H >7500' Class C<7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft^3/sx Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement Requirement:	<u>Top of Salt</u> <u>Medium</u>	to surface	
11.75 inch- Shoe Plug @ 8.625 inch- Shoe Plug @ 5.5 inch- Shoe Plug @	400.00 2600.00 12635.00	тос @	7740.00
Perforatons Top @ Perforatons Top @	11008.00 9500.00	Perforations Perforations	11020.00 9525.00
		CIBP @ CIBP @	10958.00 9400.00

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 373285

CONDITIONS

Operator:	OGRID:		
XTO PERMIAN OPERATING LLC.	373075		
6401 HOLIDAY HILL ROAD	Action Number:		
MIDLAND, TX 79707	373285		
	Action Type:		
	[C-103] NOI Plug & Abandon (C-103F)		

CONDITIONS

Created B	y Condition	Condition Date
gcorder	CBL must be submitted to OCD via OCD Permitting prior to submitting C-103P	8/16/2024