# RECEIVED

UNITED STATES ELECTRONIC REPORT DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT 19

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

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

122IND2772 6. If Indian, Allottee or Tribe Name

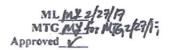
Lease Serial No.

abandoned wei	I. Use form 3160-3 (APL	y jor such p	roposaisACEIVIL	141	UTE MOUNTAIL	N UTE
SUBMIT IN T	TRIPLICATE - Other instr	ructions on p	page 2		7. If Unit or CA/Agree	ement, Name and/or No.
Type of Well     Oil Well	ner				8. Well Name and No. UMU 22	
2. Name of Operator XTO ENERGY	E WESTON 9. API Well No. 30-045-29395-00-S1					
3a. Address 382 CR 3100 AZTEC, NM 87410	3b. Phone No. Ph: 505-33	(include area code) 3-3190		10. Field and Pool or I BARKER DOME	Exploratory Area	
4. Location of Well (Footage, Sec., T.	., R., M., or Survey Description)				11. County or Parish,	State
Sec 17 T32N R14W SWNE 20 36.989706 N Lat, 108.330167				i i	SAN JUAN COL	JNTY, NM
12. CHECK THE AF	PROPRIATE BOX(ES)	TO INDICA	ΓΕ NATURE OI	F NOTICE,	REPORT, OR OTH	IER DATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
Notice of Intent	☐ Acidize	□ Deep	ben	☐ Product	ion (Start/Resume)	☐ Water Shut-Off
➤ Notice of Intent	☐ Alter Casing	☐ Hyd:	raulic Fracturing	☐ Reclama	ation	■ Well Integrity
☐ Subsequent Report	□ Casing Repair	■ New	Construction	Recomp	lete	□ Other
☐ Final Abandonment Notice	☐ Change Plans	Plug	and Abandon	□ Tempor	arily Abandon	
	☐ Convert to Injection	Plug	Back	☐ Water D	isposal	
If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fix XTO Energy Inc. proposes to procedure. This recompletion Akah intervals.  Attached is the procedure and	k will be performed or provide to operations. If the operation respandonment Notices must be file inal inspection.  recomplete the Ute 22 well adds the Honaker Trail and	the Bond No. on ults in a multiple of only after all i	file with BLM/BIA e completion or reco requirements, includi- dox per the attac	Required sub impletion in a r ing reclamation hed comple	osequent reports must be lew interval, a Form 316 n, have been completed a tion and	filed within 30 days 0-4 must be filed once
			SI CONDITI	EE ATTAC	HED APPROVAL	
	Electronic Submission #3	O ENERGY,	sent to the Durang ARA TELECKY of	go	(17BDT0178SE)	
Signature (Electronic S	Submission)		Date 04/19/20	017		
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE U	SE	1.
Approved By	)-1	`	Title	MS	_	9 25/201
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conductive transfer of the conductive transfer or the conductive tran	iitable title to those rights in the		Office			

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.

Fperforations are above or below (Instructions on page 2) \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISE @xisting perfs please file: c-104 and

Completion Report to include new perfs hefore returning to production



## Ute #22 Section 17, T 32 N, R 14 W / API 30-045-29395

### San Juan County, New Mexico February 27, 2017

#### PARADOX COMPLETION PROCEDURE

AFE #s:

Honaker Trail (1604788), Ismay (1604975), Desert Creek (1604976), Akah

(1604977)

Surf csg:

8-5/8", 24.0#, K-55 @ 893'.

Prod csg:

5-1/2", 17.0#, L-80 @ 8,529'.

PBTD:

8.479

Perfs:

Abandoned Perfs:

Ismay: 7,964' - 7,970', Desert Creek: 8,138' - 8,165', Akah: 8,310' - 8,418'

WARNING:

The Paradox formation produces H<sub>2</sub>S and CO<sub>2</sub>. Ensure that all necessary monitoring equipment and personnel are on location for all operations. All personnel on location must have H2S safety training, must be clean shaven, and must be capable of using an

SCBA. All flow equipment must be rated for sour gas.

NOTES:

Add Gas-Perm or M-844 (2 gal/Mgal) to all 2% KCl water.

Re-fill tanks as needed during job.

Set tubing plugs in tubing as needed to TOH and TIH.

- 1. Set 1 - 400 bbl flowback tank.
- 2. Set 3 - 400 bbl frac tanks filled with 2% KCl water.
- 3. MI +/- 8,500' 2-7/8", 6.5#, N-80 work-string, 12 - 3-1/8" DC, 4-3/4" bits, and bit sub.
- 4. MIRU PU.
- 5. ND WH. NU 5K, H<sub>2</sub>S-trimmed BOP and H<sub>2</sub>S-trimmed kill spool.

#### STAGE 1: Akah

6. MIRU WL. RIH with 3-1/8" slick gun and perforate Akah with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 94 holes). POH. RD WL.

	PERF	<b>ORATIONS</b>		
Top	Botom	Feet	SPF	Holes
8,315'	8,336'	21	2	42
8,370'	8,3821	12	2	24
8,404'	8,418'	14	2	28
TOTALS		47		94

TIH with 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set 7. packer at 8,260'. Install 2-9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.

8. RU acid equipment. BD and EIR into Akah perfs from 8,315' - 8,418' down 2-7/8" work-string with 2% KCl water at 5 - 15 BPM. SD 15 minutes. Acidize Akah perfs from 8,315' - 8,418' with 9,000 gal 20% SWIC II acid. After pumping 1,800 gal acid, beginning dropping 94 - 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perfs and flush acid with 2,050 gal 2% KCl water (top perf) at 5 - 15 BPM (as high of rate as possible). Shut down. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

	PUM	P SCHEDULE	
Stage	Fluid	Volume (gal)	Rate (BPM)
LD&B	2% KCl water	2,500	5 - 15
Acid	20% SWIC II acid	9,000	5 - 15
Flush	2% KCl water	3,100	5 - 15
		14,600	

- 9. ND frac vlalve assy. Release packer. TOH with 2-7/8" work-string and packer.
- 10. RU WL. RIH with 10K CBP & 3-1/8" slick gun. Set CBP at 8,270'.

#### STAGE 2: Desert Creek & Lower Ismay

- Load casing with 2% KCl water and pressure test CBP to 4,000 psig.
- RIH with 3-1/8" slick gun and perforate Desert Creek & Lower Ismay with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 78 holes). POH. RD WL.

	PERFO	RATIONS		
Тор	Bottom	Feet	SPF	Holes
8,080'	8,086'	6	2	12
8,096'	8,100'	4	2	8
8,102'	8,104'	2	2	4
8,107'	8,109'	2	2	4
8,115'	8,117'	2	2	4
8,138'	8,140'	2	2	4
8,143'	8,149'	6	2	12
8,157'	8,163'	6	2	12
8,198'	8,207'	9	2	18
TOTALS		39		78

- 13. TIH with 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set packer at 8,030'. Install 2-9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.
- 14. RU acid equipment. BD and EIR into Desert Creek & Lower Ismay perfs from 8,080' 8,207' down 2-7/8" work-string with 2% KCl water. SD 15 minutes. Acidize Desert Creek & Lower Ismay perfs from 8,080' 8,207' with 10,000 gal 20% SWIC II acid. After pumping 2,000 gal acid, beginning dropping 78 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perfs and flush acid with 2,000 gal 2% KCl water (top perf) at 5 15 BPM (as high of rate as possible). Shut down. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

	PUMP S	CHEDULE	
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	20% SWIC II acid	10,000	5 - 15
Flush	2% KCl water	3,050	5 - 15
		15,550	

- 15. ND frac vallve assy. Release packer. TOH with 2-7/8" work-string and packer.
- 16. RU WL. RIH with 10K CBP & 3-1/8" slick gun. Set CBP at 8,050'.

## STAGE 3: Upper Ismay & Honaker Trail

- 17. Load casing with 2% KCl water and pressure test CBP to 4,000 psig.
- 18. RIH with 3-1/8" slick gun and perforate Upper Ismay & Honaker Trail with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 54 holes). POH. RD WL.

	PERFORATIONS										
Тор	Bottom	Feet	SPF	Holes							
7,845'	7,848'	3	2	6							
7,9291	7,9331	4	2	8							
7,9581	7,961'	3	2	6							
7,9641	7,970'	6	2	12							
7,9891	7,992'	3	2	6							
7,997'	7,999'	2	2	4							
8,003'	8,0051	2	2	4							
8,007'	8,009'	2	2	4							
8,011'	8,013'	2	2	4							
TOTALS		27		54							

- 19. TIH with 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set packer at 7,790'. Install 2-9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.
- 20. RU acid equipment. BD and EIR into Upper Ismay and Honaker Trail perfs from 7,845' 8,013' down 2-7/8" work-string with 2% KCl water. SD 15 minutes. Acidize Upper Ismay and Honaker Trail perfs from 7,845' 8,013' with 12,500 gal 20% SWIC II acid. After pumping 2,500 gal acid, beginning dropping 54 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perfs and flush acid with 1,950 gal 2% KCl water (top perf) at 5 15 BPM (as high of rate as possible). Shut down. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

	PUMP S	CHEDULE	
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	20% SWIC II acid	12,500	5 - 15
Flush	2% KCl water	3,000	5 - 15
		18,000	

- 21. ND frac vialve assy. Release packer. TOH with 2-7/8" work-string and packer.
- 22. TIH with 4-3/4" mill-tooth bit, bit sub, XO, and 2-7/8" work-string. DO CBP at 8,050' & 8,270'.
- 23. TOH and LD 2-7/8" work string, XO, bit sub and 4-3/4" mill-tooth bit.
- 24. TIH with NC, SN with pump out plug, and 2-3/8", 4.7#, J-55, EUE, 8rd tubing. Land EOT at +/-7,500'. Pump out the plug with 2% KCl water.
- 25. ND BOP and kill spool. NU WH.
- 26. Swab well as needed to kick off. Collect a gas sample for analysis. SWI.
- 27. MIRU WL. Run production log (spinner survey) from 8,418' 7,845'.
- 28. RDMO WL.
- 29. NU BOP. TIH with 2-3/8", 4.7#, J-55, EUE, 8rd tubing. Land EOT at +/- 8,000'.
- 30. Conduct 3 hour IP test on a fixed choke. Note volumes, pressures, and choke size. SWI.
- 31. Build battery. Consult with Michael Logan to schedule and perform first delivery.

#### Regulatory:

- 1. Subsequent report detailing completion operations
- 2. C-104 prior to first delivering
- 3. C-102 for commingle

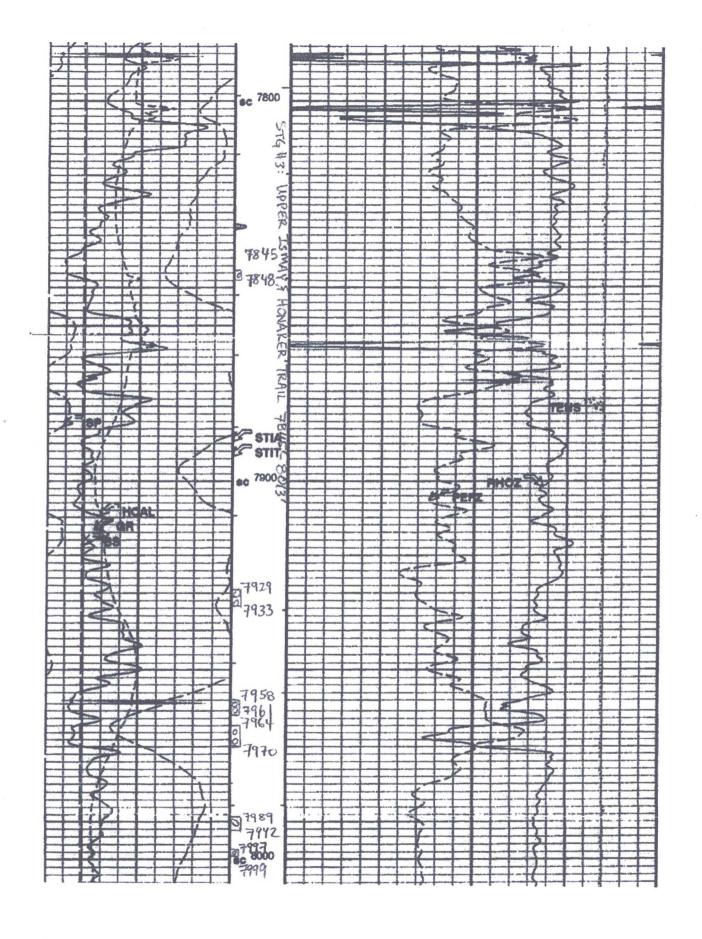
#### Equipment:

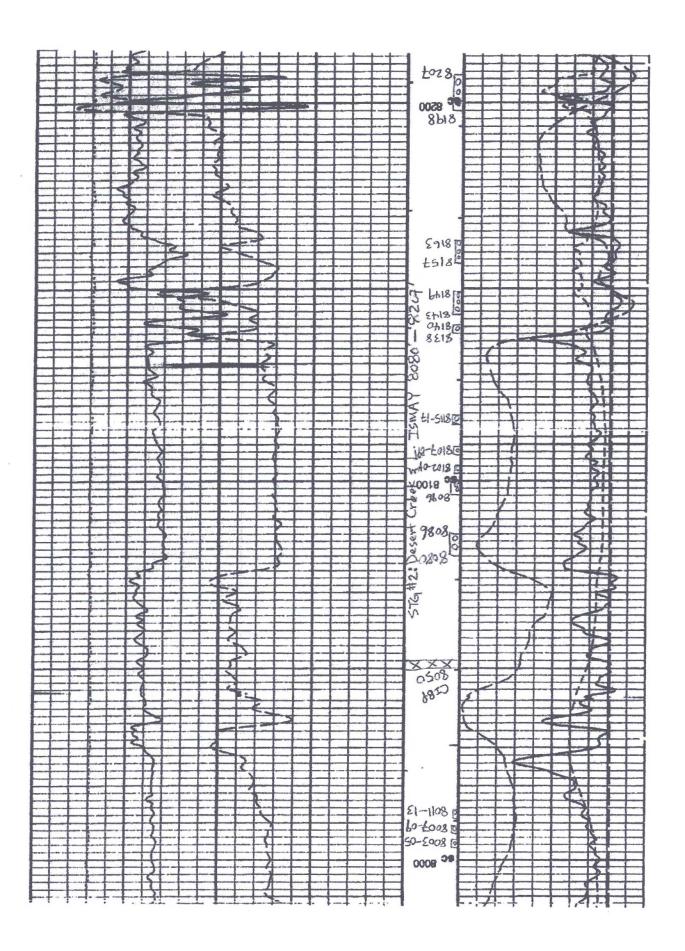
- 1. 3-400 bbl frac tanks
- 2. 1-400 bbl flowback tank
- 3. +/- 8,500' 2-7/8", 6.5#, L-80 work-string
- 4. +/- 8,000' 2-3/8", 4.7#, J-55 tubing w/SN & NC
- 5-1/2" csg scraper
- 6. 4-3/4" mill tooth bit
- 7. 5-1/2" CBP
- 8. 5-1/2" 10K treating packer

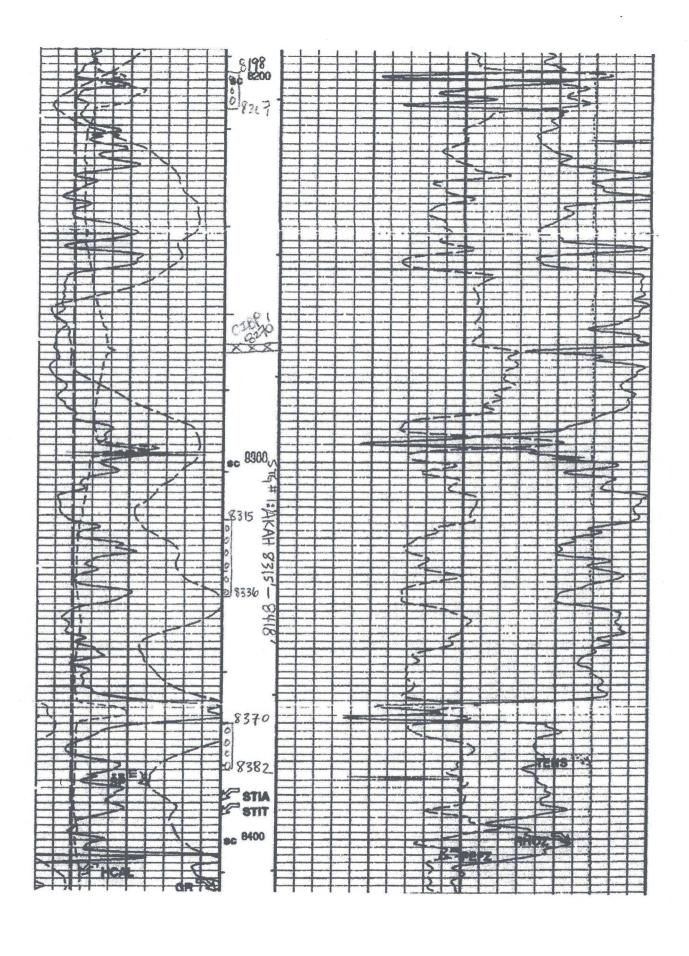
#### Services:

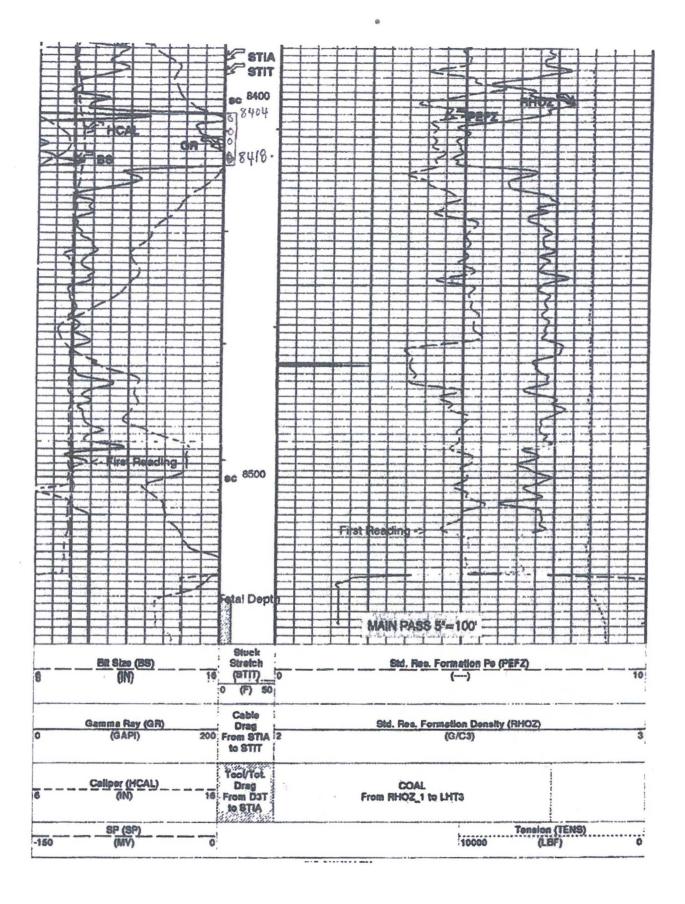
- 1. Pulling unit
- 2. Halliburton acid equipment
- 3. Wireline for perforating and production log

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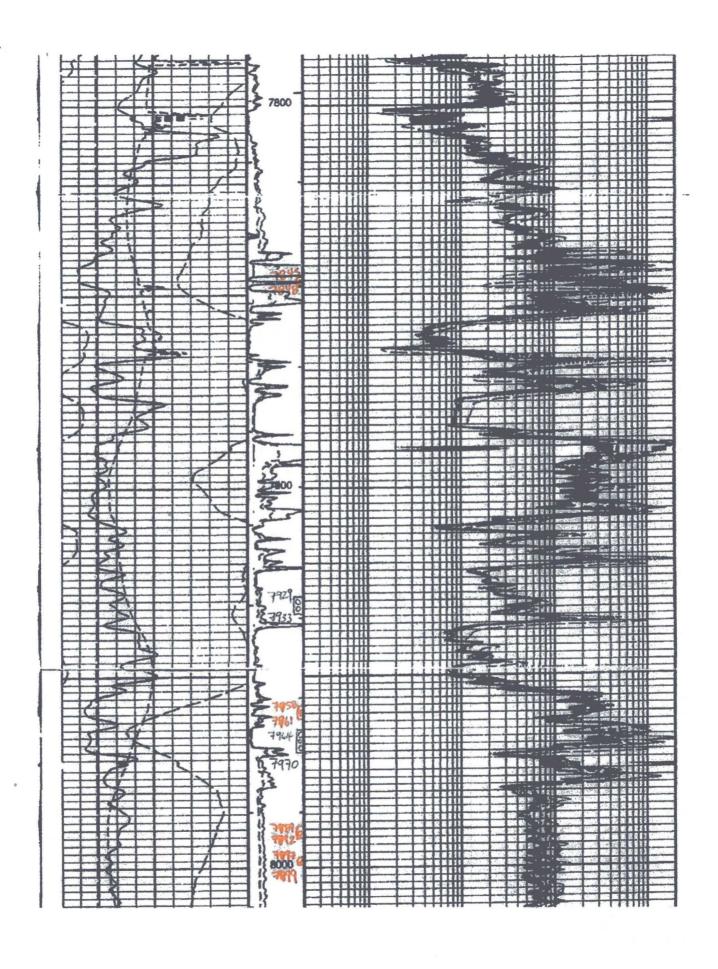


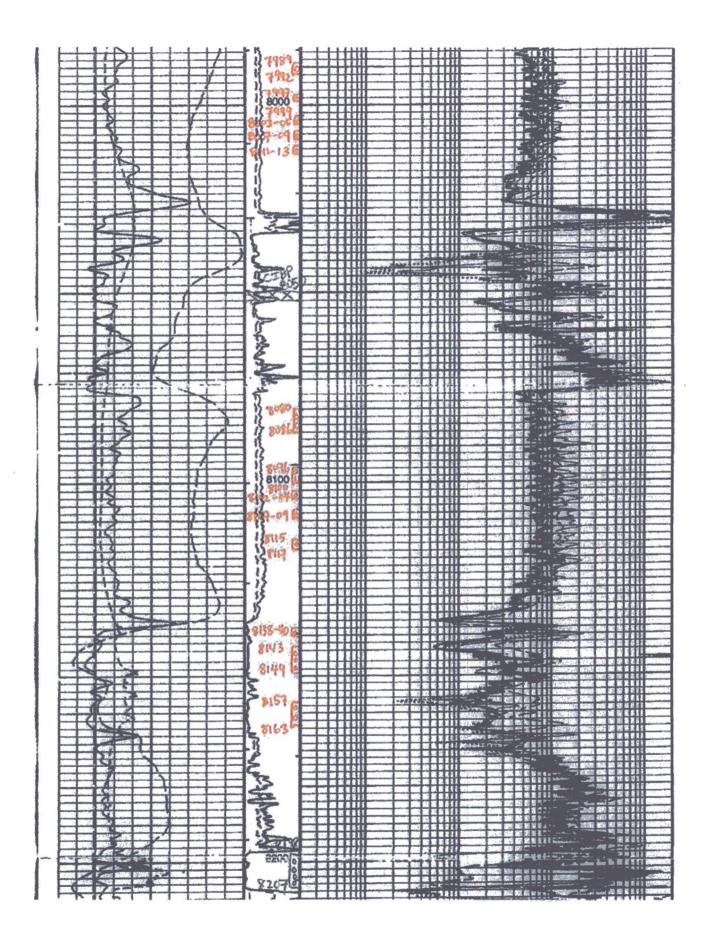


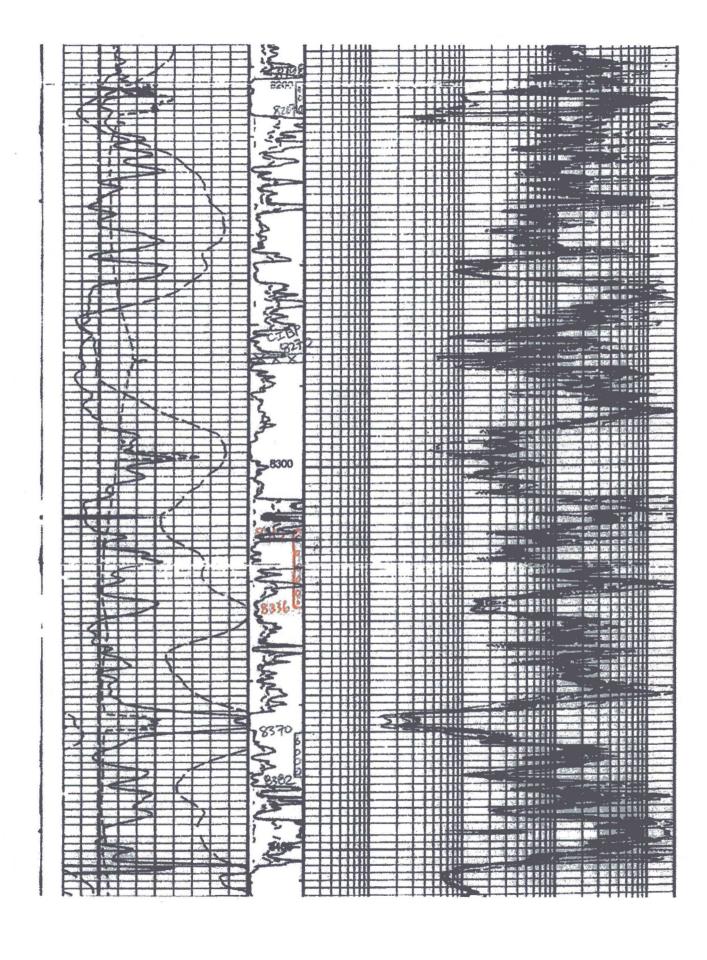


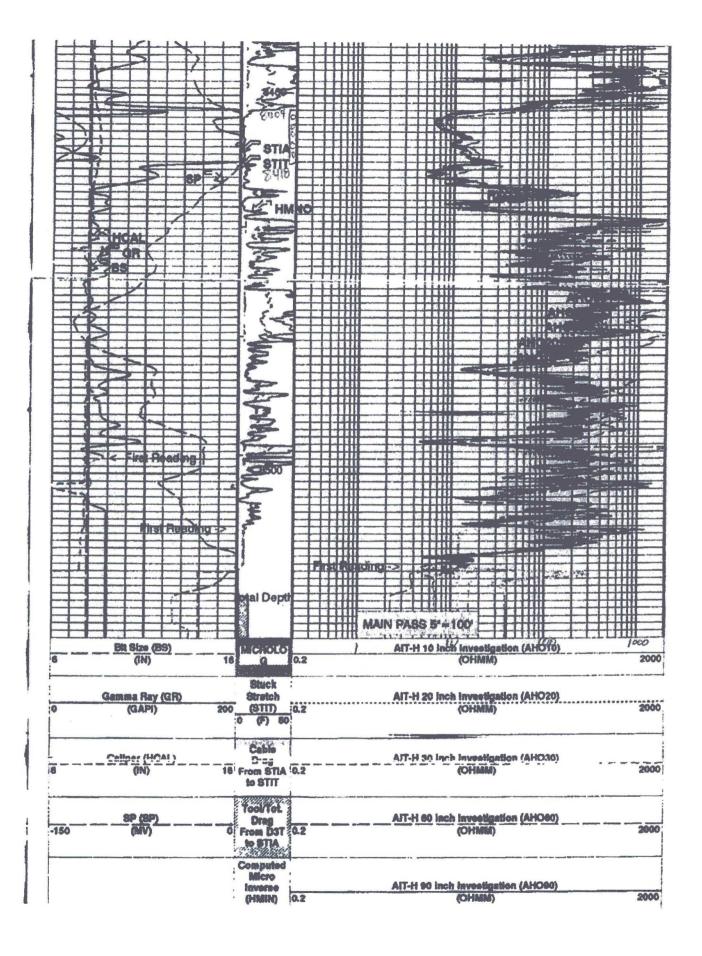


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## Downhole Well Profile - with Schematic

Well Name: Ute 22

	1	19	Otata (Descripso	County
API/UWI	Accounting ID	Permit Number		County
30045293950000	151020		New Mexico	San Juan
Location	Spud Date	Original KB Elevation (ft)	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
T32N-R14W-S17	9/17/1996 16:00	6,217.00	6,203.00	14.00

T32N-R14W	I-S17			9/17/1996 16:00			6,217.00	)		(	5,203.00		14.00
	TVD	Incl				Wellbores	o no les		Charles and	la de la constante de la const		ME ALSO AND	
MD (ftKB)	(ftKB)	(°)	*	Vertical schematic (actual)		Wellbore Name Original Hole		Parent Wellbore Original Hole			Wellbore A 3004529		
0.0	0.0	0.0		Kick-off; 14.0 ftKB		Start Depth (ftKB)		Profile Type	7.C 4/		Kick Off De	epth (MD) (ftKB)	440
14.1	92.8	0.0	W 2006 6	Conductor; 17 1/2 in; 94	.0 ftKB	0 1 1	14.0	Vertical		A -1	T (8(5D)		14.0
92.8	94.2	0.1		Conductor; 16 in; 94.0 ft	кв	Section Des Conductor		Size (in)	17 1/2	AÇI	Top (ftKB) 14.0		94.0
892.1	892.0	0.8		Surface; 12 1/4 in; 903.0		Surface			12 1/4		94.0		903.0
893.0	893.0	0.8		Surface; 8 5/8 in; 893.0	ftKB	Production	-		7 7/8		903.0		8,530.0
902.9	902.8	0.8		Production; 7 7/8 in; 8,5		Production			4 3/4		8,530.0		9,651.0
6,818.2	6,814.9	1.0		ftKB	30.0				4 3/4		0,030.0	,	9,031.0
6,818.9	6,815.6	1.0			81	Zones Zone Name		Top (ftKB)	alamaha windi da Bukana	B	tm (ftKB)	Cur	rent Status
6,820.5	6,817.2	1.0		State of the state		Ismay		TOP (IIND)	7,964.0	D		0 Squeezed	Terit Status
7,841.9	7,838.2	1.8	W W			Desert Creek	+		8,138.0	-		0 Squeezed	
7,847.1	7,843.5	1.8				Barker Creek			8,310.0			0 Squeezed	
7,913.1	7,909.4	1.8	W						0,010.0		0,774	, odacozoa	
7,927.8	7,924.1	1.8				Casing Strings Csg Des	Set Depth (ft)	VP)	OD (in)		Wt/Len (lb/ft		Grade
7,929.1	7,925.4	1.8				Conductor	Set Depth (III	94.0	OD (in)	16	vvvLen (ib/it	65.00 H-40	Grade
7,933.1	7,929.4	1.8				Surface		893.0		8 5/8		24.00 K-55	
7,956.0	7,952.3	1.8		Cement; Cement Squee	ze;	Production		8,529.0		5 1/2	The second secon	17.00 L-80	
7,963.9	7,960.2	1.8		7,970.0 ftKB Perforation; 7,964.0-7,9	70.0			0,529.0		5 1/2		17.00 12-80	
7,970.1	7,966.4	1.8		ftKB	70.0	Cement			Туре			String	
7,987.9	7,984.1	1.8				Conductor Casing Cement		Casing	Турс		Conduct	or, 94.0ftKB	
8,015.1	8,011.4	1.8		7 - Ba		Surface Casing Cement		Casing				893.0ftKB	
8,080.1	8,076.3	1.9		Defeation 0.400.0.0.4		Production Casing Cement		Casing				on, 8,529.0ftKB	
8,117.1	8,113.3	1.9		Perforation; 8,138.0-8,1	55.0	PLUGBACK		Plug			-	711, 0,020101010	
- 8,138.1 -	8,134.3	1.9		Cement; Cement Squee 8,165.0 ftKB	ze; ·· ··	Cement Squeeze		Squeeze			Production	on, 8,529.0ftKB	
8,165.0	8,161.2	1.9		Cement; Cement Squee	ze;	Cement Squeeze		Squeeze				on, 8,529.0ftKB	
8,198.2	8,194.3	1.9		8,414.0 ftKB	14 (0144)(1144	Cement Squeeze		Squeeze				on, 8,529.0ftKB	
8,207.0	8,203.2	1.9				Cement Plug - P & A		Plug			Floductii	JII, 0,525.011ND	
8,310.0	8,306.1 - 8,346.1 -	1,9	W	88				riug					
8,370.1	8,366.2	1.8	W 1	Perforation; 8,310.0-8,4 ftKB	14.0	Tubing Strings		10 - 0 - 1			2-12-4		
8,381.9	8,378.0	1.8		N. C.		Tubing Description		Run Date			Set Depth (	IND)	
8,403.9	8,399.9	1.7				Item Des	OD (in)	Vt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
8,414.0	8,410.1	1.6		38									
- 8,418.0 -	8,414.0	1.6		PBTD; 8,479.0 ftKB		Rod Strings		No.		D PSH		Contract of	
8,441.9	8,438.0	1.5		Production; 5 1/2 in; 8,5	29.0	Rod Description	THE PARTY NAMED IN	Run Date			Set Depth (	ftKB)	
8,442.9	8,439.0	1.5		Cement; Auto cement pl	ug;								
8,479.0	8,475.0	1.3	W 200	8,529.0 ftKB Cement; PLUGBACK; 8	530.0	Item Des	OD (in)	VVt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (flKB)
8,527.9	8,523.9	1.1		ftKB		011-1-1-1-1							
8,528.9	8,524.9	1.1	· · · · · · · · · · · · · · · · · · ·	Cement; Cement Plug - 8,821.0 ftKB		Other In Hole Run Date	Des		OD (in)		Top (ftKB)		Bim (ftKB)
8,529.9	8,525.9	1.1		Production; 4 3/4 in; 9,6	51.0	Kun Date	Des		OD (III)		top (tiAB)		Burr (IUNB)
8,820.9	8,816.6	3.5		Cement; Cement Plug -	P & A;								
9,254.9	9,249.2	5.0		9,255.0 ftKB TD - Original Hole; 9,65	1 O fike								
9,000.9	0,040.7	5.0		10 - Oliginat Hole, 9,00	1.0 10/10								
XTO Ener	gy					Page 1/2						Report Print	ted: 3/31/2017



## **Downhole Well Profile - with Schematic**

Well Name: Ute 22

132N-R14V			9/1//1996 16:00
MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
0.0	0.0	0.0	
14.1	- 14.1 -	0.0	Kick-off; 14.0 ftKB
92.8 ~	92.8	0.1	Conductor; 17 1/2 in; 94.0 ftKB
94.2	94.2	0.1	Conductor; 16 in; 94.0 ftKB
892.1	892.0	0.8	Surface; 12 1/4 in; 903.0 ftKB
893.0	893.0	0.8	Surface; 8 5/8 in; 893.0 ftKB
902.9	902.8	0.8	Production; 7 7/8 in; 8,530.0
6,818.2	6,814.9	1.0	ftKB
6,818.9	6,815.6	1.0	
6,820.5	6,817.2	1.0	
7,841.9	7,838.2	1.8	
7,847.1	7,843.5	1.8	
7,913.1	7,909.4	1.8	
7,927.8	7,924.1	1.8	
7,929.1	7,925.4	1.8	
7,933.1	7,929.4	1.8	C. Fried that S. C.
7,956.0	7,952.3	1.8	100 to 1 t
7,961.0	7,957.2	1.8	Cement; Cement Squeeze;
7,963.9	7,960.2	1.8	7,970.0 ftKB Perforation; 7,964.0-7,970.0
7,970.1	7,966.4	1.8	Perforation; 7,964.0-7,970.0 ftKB
7,987.9	7,984.1	1.8	
8,015.1	- 8,011.4 -	1.8	
8,080.1	8,076.3	1.9	
8,117.1	8,113.3	1.9	Perforation; 8,138.0-8,165.0
8,138.1	8,134.3	1.9	Coment Coment Squeeze:
8,165.0	8,161.2	1.9	8,165.0 ftKB Cement; Cement Squeeze;
8,198.2	8,194.3	1.9	Cement; Cement Squeeze;
8,207.0	8,203.2	1.9	
8,310.0	8,306.1	2.0	
8,350.1	8,346.1	1.9	Perforation; 8,310.0-8,414.0
8,370.1	8,366.2	1.8	Perforation; 8,310.0-8,414.0 ftKB
8,381.9	8,378.0 -	1.8	
8,403.9	- 8,399.9	1.7	
8,414.0	8,410.1	1.6	vi is
8,418.0	8,414.0 ~	1.6	PBTD; 8,479.0 ftKB
8,441.9	8,438.0 ~	1.5	Production; 5 1/2 in; 8,529.0
8,442.9	8,439.0	1.5	Cement; Auto cement plug;
8,479.0	8,475.0	1.3	8,529.0 ftKB Cement; PLUGBACK; 8,530.0
8,527.9	8,523.9 -	- 1.1	ftKB
8,528.9	8,524.9	1.1	Cement; Cement Plug - P & A;
8,529.9	8,525.9	1.1	8,821.0 ftKB Production; 4 3/4 in; 9,651.0
8,820.9	8,816.6	3.5	/ ftKB
9,254.9	9,249.2	5.0	Cement; Cement Plug - P & A; 9,255.0 ftKB
		5.0	TD - Original Hole; 9,651.0 ftKB

1	Perforations Perforations						
	Date	Top (ftKB)	Btm (ftKB)	Zone			
	10/19/1996	7,964.0	7,970.0	Ismay, Original Hole			
4	10/18/1996	8,138.0	8,165.0	Desert Creek, Original Hole			
١	10/18/1996	8,310.0	8,414.0	Barker Creek, Original Hole			

5	Stimulations & Treatments									
1	Frac#	Top Perf (ftKB)	Bottom Perf (ftKB)	AIR (bbl/min)	MIR (bbl/min)	TWP (bbl)	Total Proppant (lb)			
		8138	8165							
Г		7964	7970							

**XTO Energy** 

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## **XTO - Proposed Wellbore Diagram**

Well Name: Ute 22

API/UWI 30045293950000	Accounting ID 151020		New Mexico	County San Juan
Location	Spud Date	Original KB Elevation (ft)	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
T32N-R14W-S17	9/17/1996 16:00	6,217.00	6,203.00	14.00
			···	

13214-	R14W-	317	9/1//1996 16:00
and a size	Indicate a	Vertical - Original Hole, 3	/31/2017 2:35:42 PM
MD (ftKB)	TVD (ftKB)	Vertical s	schematic (proposed)
14.1	14.1	Conductor; 16 in; 65.00	
		Ib/ft; Unknown, H-40; 14.0-	Cement; 14,0-94,0 ftKB
94.2	94.2	Surface; 8 5/8 in; 24.00	
893,0	893,0	Ib/ft; Unknown, K-55; 14.0-	Cement; 14.0-893.0 ftKB
6,818,2	6,814.9		Cement; 14,0-6,819,0 ftKB
6,820,5	6,817,2		Centerit, 14.0-0,013.0 II/LD
7,848,1	7,844.4		Perforation; 7,845.0-7,848.0
7,927.8	7.924.1		D-6
7,933.1	7,929.4		Perforation; 7,929,0-7,933.0 Perforation; 7,958.0-7,961.0
7,961.0	7,957.2		Cement Squeeze; 7,964.0- 7,970.0 ftKB
7,970,1	7.966.4		Perforation; 7,964.0-7,970.0 Perforation; 7,964.0-7,970.0
7.992.1	7,988.4		Perforation; 7,989,0-7,992,0
7,999.0	7,995.3		Perforation; 7,997,0-7,999,0
8.004.9	8,001.2		Perforation; 8,003,0-8,005,0
	0.00712		Perforation; 8,007,0-8,009,0
3,008.9	8,005.1		86 88 BB
3,013.1	8,009.4		Perforation; 8,011,0-8,013,0  Perforation; 8,080,0-8,086,0
3,086.0	8,082.2	19 4 111154 4	88 88
3,100,1	8,096,3	2 2 2 2 2 2 4 2 2 4	
8,104.0	8,100,2		Perforation; 8,102,0-8,104,0
8,108,9	8,105,1		Perforation; 8,107,0-8,109,0
8,117,1	8,113.3	g. 14 75 5 1 10 1 1 1	Perforation; 8,115,0-8,117,0  Perforation; 8,138,0-8,140,0
8,140.1	8,136.3		Perforation; 8,143.0-8,149.0 Perforation; 8,138.0-8,165.0
8,149.0	8,145.1		Cement Squeeze; 8,138.0-
8.163.1	8,159.2		
8,198.2	8,194.3		Perforation; 8,157,0-8,163,0 Cement Squeeze; 7,964.0- 8,414.0 ftKB
8,310.0	8,306,1		Perforation; 8,198.0-8,207.0
	8,306,1		Perforation: 8,315,0-8,336,0
8,336.0			Perforation; 8,310.0-8,414.0  Perforation; 8,370.0-8,382.0
3,381.9	8,378,0	POST WEST TO STANFORD	TAN MAT
3,414,0	8,410.1		Perforation; 8,404,0-8,418,0
3,441.9	8,438.0		Cement; 6,819.0-8,529.0 ftKB Auto cement plug; 8,443.0-
,479.0	8,475.0	PBTD; 8,479.0 ftKB ————————————————————————————————————	8,529.0 ftKB PLUGBACK; 8,529.0-8,530.0 ftKB
,528.9	8,524.9	lb/ft; L-80; 14.0-8,525.0	ftKB Cement Plug - P & A; 8,479.0-
3,820,9	8,816,6	ftKB	8,821.0 ftKB Cement Plug - P & A; 8,821.0-
9,650,9	9,643,7		9,255.0 ftKB

Formations			enor.		CONTRACTOR OF THE		
Formation Name				F	inal Top MD (ftKB)	Final Bottom MD (ftKB)	
Wellbores			N. 18 11	A STATE OF THE STA			
Wellbore Name				Parent Wellbore			
Original Hole				Original Hole	9		
Start Depth (ftKB)		Profile Type 14.0 Vertical			Kick Off Depth (N	MD) (ftKB) 14	
Casing Strings							
Csg Des	Set Dep	oth (ftKB)	Ol	) (in)	Wt/Len (lb/ft)		
Conductor		94.0		16		5.00 H-40	
Surface		893.0		8 5/8	24	.00 K-55	
Production		8,529.0		5 1/2	17	'.00 L-80	
Cement	DOMESTIC STATE		STATE OF			SEA CONTRACTOR OF THE	
Des	Type	Strin	ng		Com	The light the major to the second to the second	
Conductor Casing	Casing	Conductor,		7 YARDS 3/4	4"" REDI - MIX		
Cement		94.0ftKB					
Surface Casing Cement	Casing	Surface, 89	3.0ftKB	CEMENT WI SURFACE	ITH 440 SX CIRCULA	TING 35 BBLS TO	
Production Casing Cement	Casing	Production, 8,529.0ftKE		SURFACE	TAGE 2 WITH 1900 S	CIRCULATING 1 BBL TO X CIRCULATING 160 BBLS	
PLUGBACK	Plug						
Cement Plug - P & A	Plug			ppg, 1.16 cu spacer, 13 b	ft/sx, 73.08 cu/ft). Pr	w/0.3% HR5 (mixed @ 15.8 md dwn tbg w/10 BFW W & 38.3 BFW. Calc cmt plg @ 8,821'.	
Cement Squeeze	Squeeze		Production, 8,529,0ftKB		Sqz Ismay perfs w/100 sx cmt		
Cement Squeeze	Squeeze	Production, 8,529.0ftKE		Sqz Desert (	Creek perfs w/155 sx		
Cement Squeeze	Squeeze		Production, 8,529.0ftKB		Sqz Paradox perfs fr/7,964' - 8,414' w/60 sxs Type G neat cn w/0.3% HR5 (mixed @ 15.8 ppg, 1.16 cu ft/sx , 69.60 cu/ft). Ppd dwn tbg w/12.4 bbls cmt. Disp w/45 BFW. Spt cmt plg fr/8,418' - 7,884'. TOH 40 jts 2-7/8" tbg. EOT @ 7,140'. Ld csg w/4 BFW. Rev circ tbg cln. Sqz 1 bbl cmt in perfs @ 2,000 psig. Final sqz press.		
Perforations		WARDS.		(AVD)			
Date 3/31/2017	Тор	(ftKB) 7,845.0	Btm	(ftKB) 7,848.0		Zone	
3/31/2017		7,929.0		7,933.0			
		,					
3/31/2017		7,958.0		7,961.0			
3/31/2017		7,964.0		7,970.0			
10/19/1996		7,964.0		7,970.0	Ismay, Original Hole		
3/31/2017		7,989.0		7,992.0			

XTO Energy

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## **XTO - Proposed Wellbore Diagram**

Well Name: Ute 22

API/UWI 30045293950000	Accounting ID 151020	Permit Number		County San Juan
Location T32N-R14W-S17	Spud Date 9/17/1996 16:00	Original KB Elevation (ft) 6,217.00	6,203.00	KB-Ground Distance (ft) 14.00

132N-	R14W-	S17	9/17/1996 16:00			
Carling of	Sit participan	Vertical - Original Hole,	3/31/2017 2:35:42 PM			
MD (ftKB)	TVD (ftKB)		schematic (proposed)			
14,1	14.1	Conductor; 16 in; 65.00 Ib/ft; Unknown, H-40; 14.0-				
94.2	94.2	94.0 ftKB Surface; 8 5/8 in; 24.00	Cement; 14,0-94,0 ftKB			
893,0	893,0	lb/ft; Unknown, K-55; 14.0-	Cement; 14,0-893,0 ftKB			
6,818,2	6,814,9		Cement; 14.0-6.819.0 ffKB			
6,820,5	6.817.2		Perforation: 7,845.0-7,848.0			
7,848,1	7,844.4		(Perioration, 7,845.0-7,846.0)			
7.927.8	7,924.1		Perforation; 7,929.0-7,933.0			
7,933,1	7.929.4		Perforation; 7,958.0-7,961.0 Cement Squeeze; 7,964.0-			
7,961.0	7,957.2		7,970.0 ftKB Perforation; 7,964,0-7,970.0			
7,970,1	7.966.4		Perforation; 7,964.0-7,970.0			
7,992.1	7,988.4		Perforation; 7,989.0-7,992,0			
7,999.0	7,995,3		Perforation; 7,997,0-7,999.0			
3,004.9	8.001.2		Perforation; 8,003,0-8,005,0			
9,008.9	8,005.1		Perforation; 8,007,0-8,009,0			
3,013,1	8,009.4		Perforation; 8,011,0-8,013.0			
3,086.0	8,082.2		Perforation; 8,080.0-8,086.0			
3,100.1	8.096.3		Perforation; 8,096,0-8,100.0			
3,104.0	8,100.2		Perforation; 8,102,0-8,104,0			
1,108.9	8,105.1		Perforation: 8,107,0-8,109,0			
1,117,1	8,113,3		Perforation; 8,115,0-8,117,0			
3,140.1	8.136.3		Perforation; 8,138,0-8,140,0 Perforation; 8,143,0-8,149.0 Perforation; 8,138,0-8,165.0			
3,149.0	8,145.1		Cement Squeeze; 8,138.0-			
1,163.1	8,159.2		Perforation; 8,157.0-8,163.0			
1,198.2	8,194.3		Cement Squeeze; 7,964.0- 8,414.0 ftKB			
310.0	8,306.1		Perforation; 8,198.0-8,207.0			
.336.0	8.332.0		Perforation; 8,315,0-8,336,0			
,381,9	8,378.0		Perforation; 8,310.0-8,414.0  [Perforation; 8,370,0-8,382,0]			
,414,0	8,410,1		Perforation; 8,404.0-8,418.0			
441.9			Cement; 6,819,0-8,529,0 ftKB			
	8.438.0	PBTD; 8,479.0 ftKB	Auto cement plug; 8,443.0-			
3,479.0	8,475.0	Production; 5 1/2 in; 17.00	PLUGBACK; 8,529.0-8,530.0			
3,528.9	8,524.9	lb/ft; L-80; 14.0-8,525.0 ————————————————————————————————————	Cement Plug - P & A; 8,479.0- 8,821.0 ftKB			
3,820,9	8,816,6		Cement Plug - P & A; 8,821.0- 9,255.0 ftKB			
9,650,9	9.643,7		5,255.0 IIND			

Perforations					
	Top (ftKB)	Btm (ftKB)	Zone Zone		
3/31/2017	7,997.0	7,999.0			
3/31/2017	8,003.0	8,005.0			
3/31/2017	8,007.0	8,009.0			
3/31/2017	8,011.0	8,013.0			
3/31/2017	8,080.0	8,086.0			
3/31/2017	8,096.0	8,100.0	2		
3/31/2017	8,102.0	8,104.0			
3/31/2017	8,107.0	8,109.0			
3/31/2017	8,115.0	8,117.0			
3/31/2017	8,138.0	8,140.0			
10/18/1996	8,138.0	8,165.0	Desert Creek, Original Hole		
3/31/2017	8,143.0	8,149.0			
3/31/2017	8,157.0	8,163.0			
3/31/2017	8,198.0	8,207.0			
10/18/1996	8,310.0	8,414.0	Barker Creek, Original Hole		
3/31/2017	8,315.0	8,336.0			
3/31/2017	8,370.0	8,382.0			
3/31/2017	8,404.0	8,418.0			
Other In Hole	100 TO 10				

Other In Hole

Des OD (in) Top (ftKB) Btm (ftKB)

**XTO Energy** 

Tribal IMDA: I-22-IND-2772

Well: UMU #22

Surface Location: 2000' FNL & 1925' FEL

Sec. 17, T. 32 N., R. 14 W. San Juan County, New Mexico

### **Conditions of Approval: Sundry Notice to Workover:**

1. No activities may take place outside of the originally disturbed surface area.

- 2. Within 30 days of the recompletion, submit to this office a Sundry Notice, Subsequent Report of all activities that took place. Daily drillers or activities reports should be provided. Please enclose a revised wellbore diagram with formation tops. Provide flowrates and pressures of the new production.
- 3. Submit a copy of all logs run during the workover of this well.
- 4. All operations must be in accordance with Onshore Order #6, H2S Operations.

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