STIMULATE __PLUG OFF OLD FORMATION ___PERFORATE NEW _OTHER PHYSICAL CHANGE IN WELL (SPECIFY). FORMATION_ APR 23 1984 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG. KAT ESTIMATED DEPTH 5400 TARGET FORMATION ORISKANY WELL OPERATOR TXO PRODUCTION CORP DESIGNATED AGENT LARRY M. ALBRECHT ADDRESS 900 CHARLESTON NATIONAL PLAZA ADDRESS 900 CHARLESTON NATIONAL PLAZA CHARLESTON WYA 25301 CHARLE STON WYA 192) 6-6 Elk-Poca (Sissonville) BIAS BLUEPRINT INC. Huntington, W.V. DEG DINELL

_DRILL DEEPER___REDRILL.

LEASE NO. 125004 - 000

PROPOSED WORK: DRILLX_CONVERT_

_LEASE ACREAGE_31

FRACTURE OR

IV-35 (Rev 8-81)

te of Mest Virginia Bepariment of Mines DIVISION OF OIL & GAS Gil und Gas Bivision
DEPARTMENT OF ENERGY

Date			31	, 198	35	OCCUPATION OF THE PARTY OF THE PARTY OF	eciono.
Oper Well	ato	r's St	ıep	herd	"C"	#1	
Fam							Western Property of the Proper
API	No.	47	~	035		1944	

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil / Gas \underline{x} / Liquid Injecti (If "Gas," Production \underline{x} / Undergr	ion_/Wast round Storag	re Disposal ge/ Deep	${X}$ / Shal	low/)
LOCATION: Elevation: 796.55' Watershed_	Trace Fork	of Sandy Cr	eek	
District: Ravenswood County Jac	ckson	_Quadrangle	Sandyvi	lle
COMPANY TXO Production Corp. 900 Charleston National Plaza		Used in	Tof+	Cement
ADDRESS Charleston, WV 25301	Caşing	1		fill up Cu. ft.
DESIGNATED AGENT Kenneth W. Tatarzyn	Tubing	Drilling	IN METT	Cu. 10.
ADDRESS same	Size 20-16			American de la constante de la
SURFACE OWNER Robert Shepherd	Cond.			
ADDRESS Rt. 2. Box 188. Sandyville, WV 25275	13-10"			
MINERAL RIGHTS OWNER	9 5/8	730' KBM	730' KBN	1 250 sx
ADDRESS	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Jerry	7	2410'KBM	2410'KBM	180 sx
Tephabock ADDRESS Ripley, WV	5 1/2			
PERMIT ISSUED 4-12-84	4 1/2	5171'KBM	5171'KBM	290 sx
DRILLING COMMENCED 5-21-85	3	,		
DRILLING COMPLETED 5-30-85	- 2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON				
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners used			
REWORKING. VERBAL PERMISSION OBTAINED ON				
GEOLOGICAL TARGET FORMATION Oriskany		Der	oth 5400'	feet
Depth of completed well 5201' fee	et Rotary_	x / Cab	le Tools_	
Water strata depth: Freshfee	et; Salt	fee	t	
Coal seam depths:	Is co	al being mi	ned in th	e area?
Coal seam depuis:		-		
OPEN FLOW DATA			mth are	arcai feet
Producing formation Berea		pay zone de	pur <u>z455</u> - flau	= <u>-2460</u>
Constitution of the 200 MCI	:/a Oll:	TITUTAL OF	46 2 MOIN	
Final open flow 200 Mcf	:/d	Final open	110w	
Time of open flow hot room	initial am	final test	S 24	chut in
Static rock pressure 550 psig(su	irface measi	rement) art	er 24 n	ours sinc in
**	etion)			
a a during formation Dovonian	Shale	Pay zone de	eptn 396	y-232/ Teet
con this open flow 100 Mci	f/d Oll:	Initial ob		1.
(a a ' \)	f/d Oil:	Final open	IIOM	
Time of open flow between	initial an	d final tes	ts	nours
Static rock pressure 800 psig(su	rface measu	rement) aft	er 24 h	ours shut 11
So'ell				reverse side

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perf Oriskany w/3-1/8" csg gun, 10 gm chg, 2 SPF @ 5085-90' Total III shots.

Frac Oriskany w/84 bbls 2% KCl.

Huron, Phi

Perf 1st stg Dev. Sh. w/27 shots from 3969-4763.

Frac 1st stg Dev. Sh. w/1.1 mmscf N2.

Perf 2nd stg Dev. Sh. w/19 shots from 2527-3722'.

Frac 2nd stg Dev. Sh. w/900 mscf N2 + 9 bbls 15% HCl.

Perf Berea w/3-1/8" csg gun, 10 gm chg @ 4 SPF @ 2455-60'.

Frac Berea w/24M gal 75% Q foam + 38M# 12-20 sd.

WELL LOG

	* ***		
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale 1st Salt Sand 2nd Salt Sand 3rd Salt Sand Shale Maxton Big Lime Shale Big Injun Shale & Siltstone Sunbury Berea Devonian Shale undiff. Onondaga/Huntersville Oriskany Helderberg	0 1341' 1403' 1516' 1638' 1736' 1858' 1974' 1998' 2086' 2430' 2455' 2459' 4936' 5048' 5090'	1341' 1403' 1516' 1638' 1736' 1858' 1974' 1998' 2086' 2430' 2455' 2459' 4936' 5048' 5090' 5201' TD	4280 350 Runeckert 4870

(Attach separate sheets as necessary)

TXO	Production	Corp.		
Well	Operator			
By:			Kenneth W. Tatarzyn	
Date: J	uly 31, 198	5	Jalany	

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coul, encountered in the drilling of a well."

1)	Date: 26	March)	1984
2)	Operator's Well No	Shephe	rd <i>C#</i> 1	
3)	API Well No.	47 -	035 - 1944	
		State	County	Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

	₩ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			/ Ga			Underground	storage	/ Deen X	_/ Shallow		
5) LOCA	OITA	۰. ۱: Ele	vation:	796.	55 '			Underground storage/ Deep X / Shallow/) Watershed:Trace Fork of Sandy Creek				
,						od		Jackson		Sandyville		
5) WELI	LOPE					Corp			AGENT Mr La			
Ad	dress		900 C	harles	ton	Nat Pla:	za_	Address		ston Nat Plaza		
,	-		Char1	eston.	WV	25301.				. WV 25301.		
OIL 8	€ GAS	INSPEC	TOR TO	BE NOTII	FIED			9) DRILLING CO				
Name			Mr Je	rry Te	phab	ock		Name	1			
Ad	dress	***************************************	Rt 1,	Box 1	01 <u>-</u> A			Address	5	MECIETY		
			Riple	y, WV	2527	1		dt		W Paga		
)) PROP	OSET	WELL V	NORK.	Drill	Χ̈́	/ Drill	deener	/ Redrill	/ Stimulate			
,,	0022							ate new formation_		APR 1 1 10		
								ate new formation_				
) GEOI	OGIO	CAL TAR	GET FOR	MATION	•	riskany	on (specify)			OIL & GAS DIV		
'				ed well.		400'	feet		Įpari	EPT. of M		
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,	• •	ND TUBI	-				13 CO	as being mined in the	area: res	/ NoA		
CASING OR		IND IODI		CIFICATIONS		84	FOOTACE	INTERVALS	N COLUMN THE PARTY AND	h		
TUBING TY		~:		Weight)			}	CEMENT FILL-UP OR SACKS	PACKERS		
		Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)			
onductor	\parallel	9 5/81			X_	 	300 '	3001	CTS by rul	<u>k klim5s.05</u>		
esh water		711			77	 	22001	22001	220 1			
oal	┈╢	/			X		2200'	2200"		s _{ize} as required		
termediate		/ - 55		-	77				by Reg. 15	01		
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						DR	RILLING PE	RMIT				
rmit numl	ber	47-0	35-194	44			-		April 12	, 19		
								***************************************	Date			
is permit	cover	ing the we	ell operato	r and well	locatio	n shown hel	nw is evidence	of nermission grante		ce with the pertinent legs		
rements s	subjec	t to the co	nditions o	ontained l	nerein a	and on the re	verse hereof. No	oi permission grante itification must be oi	u to aim in accordant	and Gas Inspector, (Ref.		
. 8) Prior	to the	e construc	tion of ro	ads, locatio	ons and	pits for any	permitted work	. In addition, the we	ell operator or his cont	ractor shall notify the pr		
trict oil a	ind ga	s inspector	r 24 hours	before ac	tual pe	rmitted work	has commence	d.)				
e permitte	ed wo	rk is as de	scribed in	the Notice	and A	pplication, p	olat, and reclama	ation plan, subject to	any modifications an	d conditions specified or		
erse here	of.		1 12,									
rmit expir	es	11711	1 129	1900			unless well	work is commenced	prior to that date and p	prosecuted with due dilige		
												
	and the same of th	Agent	:4 F	Plat:	Casin	g Fe	e					
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BRAKET PTE: Ke	ep on	e copy of	this perm	it posted a	t the d	rilling locatio		Admin	nistrator, Office of Oi	I and Gas		