

ADAM A FIGRAMENTI, et. al. 590748 6.00 590748 1.51 PEARL A. SMITH 7.69 33/772 G YITO A. FAYAROLA, et. al. 5.00 DOUGLAS D. CUNNINGHAM, et. al. 33/732 11.00 FRANKLIN N. JONES, et. al. 334817 ROBT. J. (ROSSGROYE & RUTH ESCH 2.25 336294 589446 64.77 LORING A. BROCK, et. al. 33.79 589446 LORING A. BROCK, et. al. TOTAL 640.00 FILE NO. U.D.Z. - 3 - 8

DRAWING NO. 33-13 1" = 2000 SCALE_ MINIMUM DEGREE OF ACCURACY _____ PROVEN SOURCE OF ELEVATION Ser. OF 1250' N. W. OF LO El.: 1214 OF LOCATION

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGU-LATIONS ISSUED AND PRESCRIBED BY THE DEPART-MENT OF MINES.

mas F. Weaver (SIGNED)_ L.L.S. 410

PLACE SEAL HERE

Fracture

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION



DATE APRIL , 19<u>22</u> 12 OPERATOR'S WELL NO. /- /866 API WELL NO.

0038-Rev. PERMIT STATE COUNTY

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WELL TYPE: OIL __GAS __ LIQUID INJECTION__ WASTE DISPOSAL.

_DEEP__SHALLOW (IF "GAS,") PRODUCTION ✓ STORAGE_

R.P.E

RIVER LOCATION: ELEVATION 1145 NORTH WATER SHED.

COUNTY HAMPSHIRE SNERMAN DISTRICT_

QUADRANGLE YELLOW

454, 59 ALAN COX ACREAGE_

SURFACE OWNER. LEASE ACREAGE

566 OIL & GAS ROYALTY OWNER_ LEASE NO. AMOCO - LAND PROP. No.

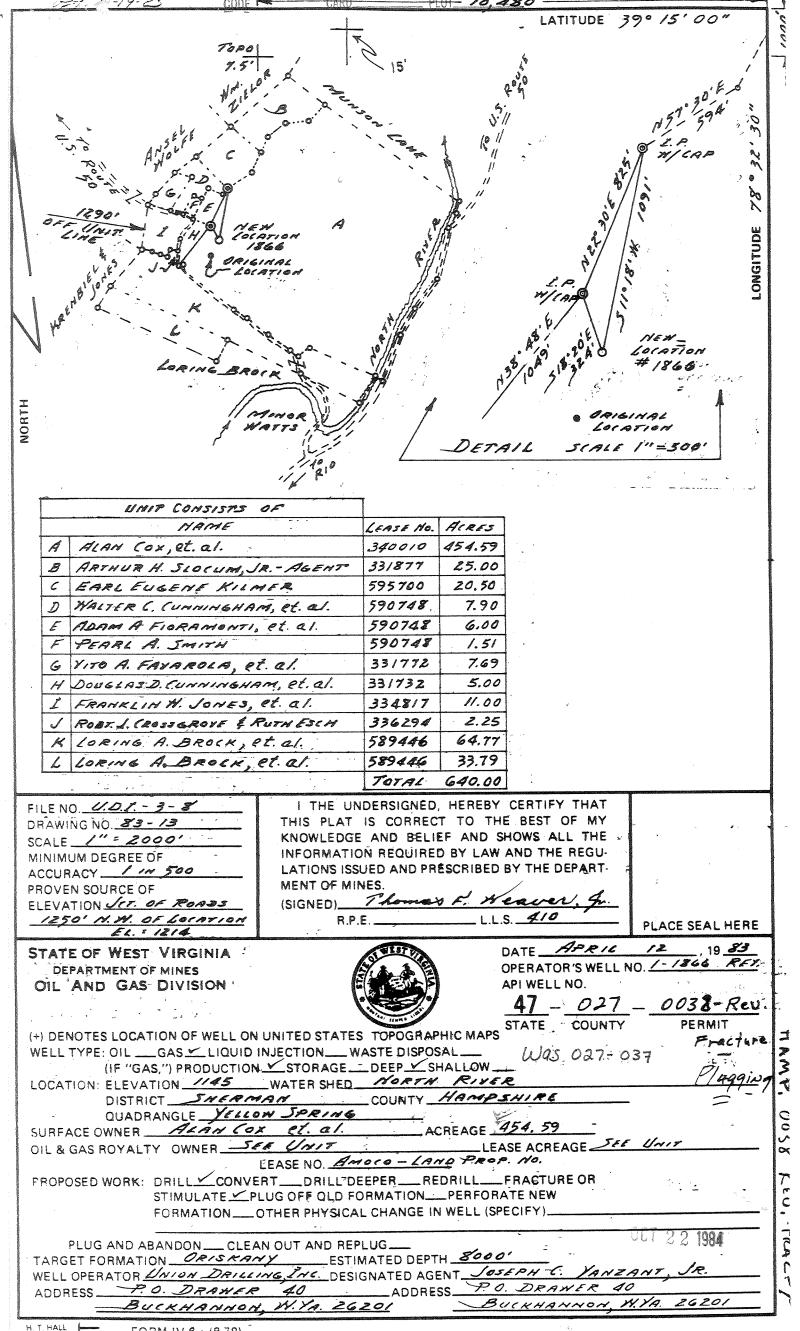
PROPOSED WORK: DRILL CONVERT. REDRILL _DRILL DEEPER.

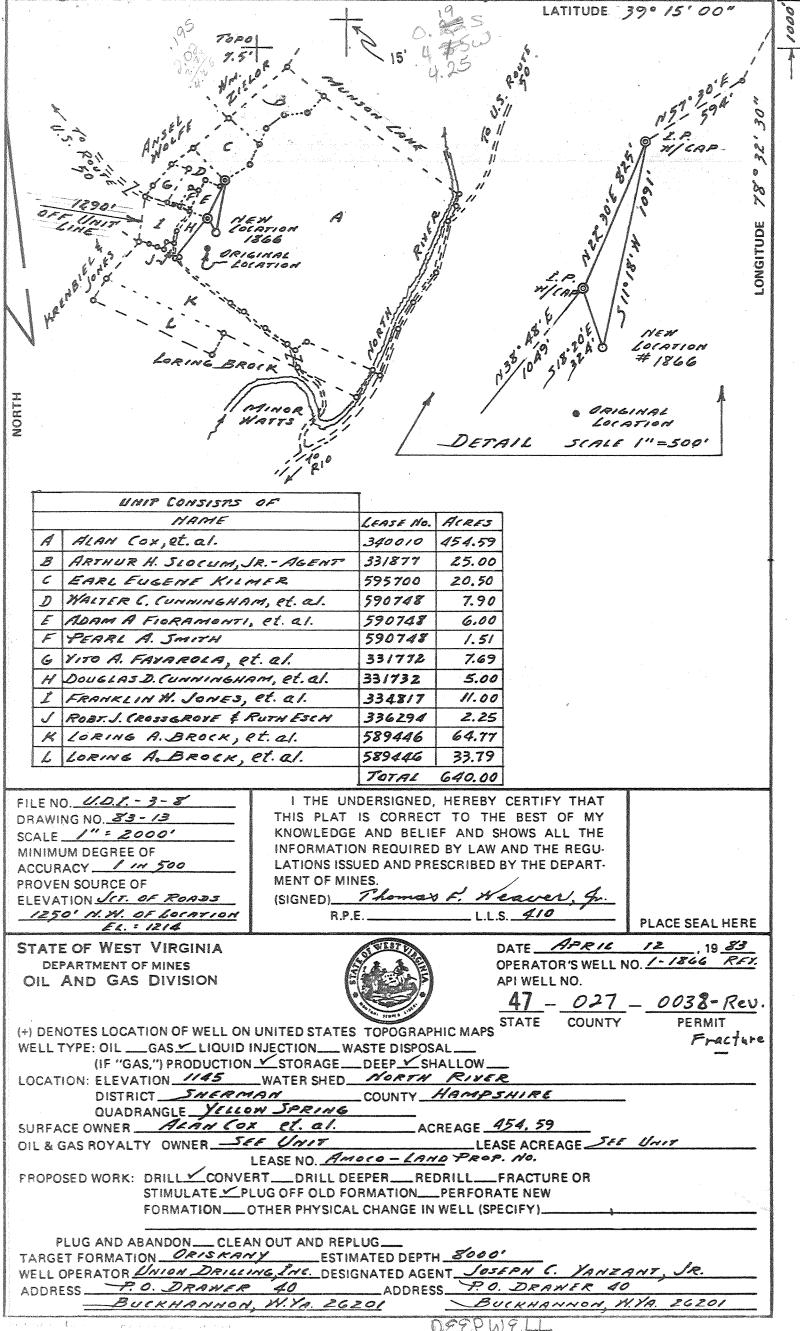
STIMULATE PLUG OFF OLD FORMATION_ _PERFORATE NEW FORMATION....OTHER PHYSICAL CHANGE IN WELL (SPECIFY).

CLEAN OUT AND REPLUG. PLUG AND ABANDON

TARGET FORMATION DRISKANY ESTIMATED DEPTH 8000 WELL OPERATOR UNION DRILLING, INC. JOSEPH C. DESIGNATED AGENT P.O. DRAWER P.O. DRAWER 40 ADDRESS.

N.YA. 26201 BUCKHANNON BUCKHANNON, W.YA.





		7	
<u></u>	UNIT CONSISTS OF		
	NAME	LEASE NO.	ACRES
A	ALAN COX, et. al.	340010	454.59
В	ARTHUR H. SLOCUM, JR-AGENT	331877	25.00
C	EARL EUGENE KILMER	595700	20.50
D	WALTER C. CUNNINGHAM, et. al.	590748	7.90
E	ADAM A. FIORAMONTI, et. al.	590748	6.00
F	PERAL A. SMITH	590748	1.51
G	VITO A. FAVAROLA, et. al.	331772	7.69
Н	DOUGLAS D. CUNNINGHAM, et. al.	331732	5.00
1	FRANKLIN W. JONES, et. al.	334817	11.00
J	ROBERT J. CROSSGROVE & RUTH ESCH	336294	2.25
K	LORING A. BROCK, et. al.	589446	64.77
L	LORING A. BROCK, et. al.	589 446	33.79
		TOTAL	640.00

FILE NO. 102-3-8 DRAWING NO. 83-2 SCALE /" = 2000' MINIMUM DEGREE OF 1 1N 500° ACCURACY_ PROVEN SOURCE OF ELEVATION JOS. 00 ROADS OF LOCATION

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGU-LATIONS ISSUED AND PRESCRIBED BY THE DEPART-MENT OF MINES.

(SIGNED). L.L.S. 410

PLACE SEAL HERE

027-0030

MAR 2 1 1983

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

ADDRESS.



19 <u>83</u> DATE. OPERATOR'S WELL NO .. API WELL NO.

0037 027 PERMIT COUNTY

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WELL TYPE: OIL ___GAS / LIQUID INJECTION___WASTE DISPOSAL_

(IF "GAS,") PRODUCTION ___STORAGE_ DEEP SHALLOW

LOCATION: ELEVATION //38 WATER SHED. NORTH RIVER

SHERMAN DISTRICT_

QUADRANGLE YELLOW ardensul.

R.P.E.

ALAN COX ACREAGE 454. 59 SURFACE OWNER_ LEASE ACREAGE OIL & GAS ROYALTY OWNER_

LEASE NO. AMOCO-LAND PROP. No. PROPOSED WORK: DRILL CONVERT_

REDRILL DRILL DEEPER. FRACTURE OR

STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION ___OTHER PHYSICAL CHANGE IN WELL (SPECIFY).

CLEAN OUT AND REPLUG PLUG AND ABANDON_

TARGET FORMATION DRISKANY _ESTIMATED DEPTH. WELL OPERATOR UNION DRILLING, INC. DESIGNATED AGENT SOSEPH

DRAWER 40

4AMP. -0037



IV-35 (Rev 8-81)

Sinde of Mest Airginia Department of Mines Oil und Vas Division

Date	April	. 19,	1983	
Operato	or's			
Well No	o1	18	366	
Farm P	Alan Co	x #1	(1866	5)
API No.	47 _	027	-	0037
			<u>:</u> 7	81W134

WELL OPERATOR'S REPORT

DIVISION			OF			**
L& GAS DIVISION MINDEFLING,	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE
T. ME W						

		•		
WEIL TYPE: Oil / Gas X/ Liquid Injection (If "Gas," Production X / Undergrou				llow/)
LOCATION: Elevation: 1138' Watershed	North Rive	er		
District: Sherman County Hampsh			e Yellow	Spring
COMPANY Union Drilling, Inc.				
ADDRESS P O Drawer 40, Buckhannon, WV 26201				Cement
DESIGNATED AGENT Joseph C. Vanzant, Jr.	Casing	Used in		fill up
ADDRESS P O Drawer 40, Buckhannon WV 26201	Tubing	Drilling	In well	Cu. ft.
SURFACE OWNER Alan Cox	Size 20-16			• •
ADDRESS Kirby, WV 26729	Cond.		•	Not
MINERAL RIGHTS OWNER See supplemental sheet	13-10"	35'	Pulled	Cemented
ADDRESS	9 5/8	1250.27'	1250.27	902 cu.ft
OIL AND GAS INSPECTOR FOR THIS WORK Robert	8 5/8			100 sk
Stewart ADDRESS P O Box 345, Jane Lew W V	7	(Squeeze	Job on 4/6	/83-100 sk:
PERMIT ISSUED 3/18/83 26378	3 1/2	40	- 1	/83-200 sks
DRILLING COMMENCED 3/31/83	4 1/2	(Squeeze	uob on 4/	/83-236 cu
DRILLING COMPLETED 4/6/83	3	(Squeeze	Tob on 4/8	/83-200 sks
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2	(bqueeze	02 01. 17	236 cu
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners useđ		•	
ON 4/6/83	useu	(Squeeze	Job on 4/9	/83-250 sk:
GEOLOGICAL TARGET FORMATION Oriskany		Dep	th 8000'	feet
	Rotary X	/ Cable		
Water strata depth: Fresh _{1250', 1416} feet;		feet		
Coal seam depths:		being min	ed in the	area? No
OPEN FLOW DATA		-		
Producing formation	Pav	zone dep	th ·	feet
		tial open		Bbl/d
Final open flow Mcf/d			-	Bbl/d
Time of open flow between initial		_		
Static rock pressurepsig(surface	e measurem	ent) afte	r hou	rs shut in
(If applicable due to multiple completion-)			•
Second producing formation_	Pay	zone dep	th	feet
Gas: Initial open flowMcf/d	Oil: Ini	tial open	flow	Bbl/d
Final open flowMcf/d	Oil: Fir	al open f	low	Bbl/d
Time of open flow between init:	ial and fi	nal tests	ho	urs
Static rock pressurepsig(surface	measurement	nt) after	hou	rs shut in
		· •		

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

WEIL LOG

		_	
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Chemung Brallier	0 289°	289' 1552'TD	l" stream water @ 205'
	<u>-</u>		
••••••••••••••••••••••••••••••••••••••			
	a		
•		-	et a linear de la company

(Attach separate sheets as necessary)

Union Drilling, Well Operator oseph C. Pettey, Vice President of Production

Regulation 2.02(i) provides as follows:

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

E/^\20 8		Ck. # 00					SVEST	1)	Date	. April 15		19 83
(Obve	erse)	returned	with	Fractu	re P	ermit	S. A. A. E.		Oper	ator's		
(6-82))	cm					(高) [[] [[] [[] [] [] [] [] [] [] [] [] []					vised Location
11 THE 21	u i inid oon	TED A CEOD						3)	API	Well No. 47	O27 County	OO38 _FRAC.
		TRACTOR:		•		STAT	TE OF WEST VIRO	GINIA		State		
<u>Un</u>	ion Dri	<u>lling, Ir</u>	<u>nc.</u> .	· DE	PART	MENT C	F MINES, OIL A	nd gas di	VISIO	N Alan Co	x #1 (1	866-Revised)
	O. Drav						S WELL PERMIT .				248	
Bu	ckhannoi	ı, WV 262				1134				(CONFIDEN		
4)	WELL TY	PE: A Oil .	ing a live of	∠ Gas _	XX			3	Part of the	(Prior Permi	t #47-0	27-0037)
·					XX_					_/ DeepXX	/ Shallow	/)
5)	LOCATIO		ion:1				Watershed: NO	orth Riv	<i>r</i> er	· · · · · · · · · · · · · · · · · · ·	C	
			:: <u>Sh</u>		,		County: Hall	psnire		Quadrangle: Y	C None	pring ent Tr
6)			0.0		<i>_,</i>		11)			AGENT <u>Joseph</u> P. O. D		
	Address		ıckhanı					Addres		Buckhan		
7)	OIL & GA	<u></u>					•			and the state of the	_	
,	ROYALTY	OWNER _	SEE AT	<u> </u>	SHE	ET	12)	COAL OF	PERAT	TOR		
	Address	* ***						Addres	ss _		And the second	
	A	640	acre u	nit			12)	COALO	- CONTROL	(S) WITH DECLARA	TION ON	PECOPD,
8).	Acreage	OWNER_			***************************************		13)			ATTACHED SHEE		
0,	Address		Kirby,		6729			Addres		Oil & Gas O		
	٠.	· .				**************************************	And the desired and the second and t		_	•		
	Acreage				·		and Assessment Assessm	Name				
9)		LE (IF MADI	E) TO: etermi:	nod at	+h =	c fim	^	Addres	S			
	Address	NOC DE	erermin	neu at	<u> </u>	<u> </u>		COALTE	CCEE	WITH DECLARATION	ON ON PE	COPD
10)	OIL & GAS	S INSPECTO	R TO BE	NOTIFIE	D	· .		Name		WITH DECEMBAN		COND.
,		pert Ste						Addres		1	B	
	Address		. Box					Tage tag	-			1983
			Lew, 1							er er en fort older gefannet. Om overen en en folgen en for	ing to the 2000 to the second control of the	
15)	PROPOSE	D WORK:								ture or stimulate	x	CART THE
			-				/ Perforate new			I		. DE LARRE
16)	GEOLOGI	CAL TARGE									************	- Same
,	17) Estima	ted depth of c	ompleted v	vell,		8000	feet					
		ximate water s			,	?		lt, <u>?</u>		feet.		
	19) Appro	ximate coal sea	am depths:		?		Is coal t	eing mined	in the a	area? Yes	/ No_	X/
20)	CASING A	ND TUBING	PROGRA	AM	× .					, , , , , as subject to the subject	e je	
	CASING OR	_ 1	SPE	CIFICATIO	NS	nicona.	FOOTAGE	INTERVALS		CEMENT FILL-UP	PACI	KERS
	TUBING TYP	Size	Grade	Weight per ft.	New	Used	For drilling	Left in w	rell	OR SACKS (Cubic feet)		
.6	Conductor	13 3/8			х		200'	2001	. :	to surface	Kinds N	AT
1	Fresh water											
-	Coal			0.1	ļ	 	25001	25001			Sizes	
-	Intermediate	9 5/8 5 1/2	NO	24#	X	+-+	2500 1	2500' 8000'		to surface 500 sks. or	Depths set	and the second second
-	Production Tubing	15 1/2	1/1/8	D-17#	X	1 1		8000		as required	Deptils set	
-	Liners									as required	Perforations:	
											Тор	Bottom
_							·					
_					<u> </u>					<u> </u>		· · · · · · · · · · · · · · · · · · ·
21)		ION RIGHTS										
	-	provide one o		_	contin	uine con	tract or contracts by	which I ho	old the	right to extract oil or	gas.	
							See reverse side for				<i>5</i>	
22)		PROVISION						100		erioria. Bolandorio de la composición de la com		** *.
										ct or contracts providing related to the volume		
	produced of	marketed?	Yes 🗌	No XX	* *:			and the south		សាក្សស ស កា សិស្សស ។	- 12 A	,
					eeded.	If the an	swer is Yes, you ma	ay use Affid	lavit F	orm IV-60.	2.5.4	
		opies (See rev his Permit An			closed	nlat and	reclamation plan ha	ive been ma	iled h	registered mail or del	ivered hy ha	and to the above
	named coal	operator, coa	al owner(s)	, and coa						y of this Permit Appli		
		narleston, We			- n n)	- 10 1 1	1	
	Notary:	Maro	V M	, Kel	ley			Signed:		sell 1	w	7.1
1	My Commiss	ion Expires	<u>May 22</u>	, 1989	} //			Its: Jo	seph	C. Pettey, V	ice Pre	Rident of Production
												TIUUUCLIUII

JIAI V. X							
y Commission Expires May 22, 1989	Its: Joseph C.	Pettey,	Vice Pre	ident (
, 00::::::		7	P:	roduct:			
OFFICE LICE ONLY							

	OFFICE USE ONLY	
47-027-0037-FRAC.	DRILLING PERMIT	April 21 1983
Q. %2 25115 A1QABA 6793		Data

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

December 21 1983 unless drilling is commenced prior to that date and prosecuted with due diligence. Fee

NOTE: Keep one copy of this permit posted at the drilling location.

Plat:

Casing and the

Agent:

Bond:

Administrator, Office of Oil and Gas

DRILLING CONTRACTOR:

Union Drilling, Inc.



1)	Date:	March :	1	. 19 83
-	Operator's			,

Well No.

3) API Well No.

State	County	Pern
47		

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION Alan Cox #1 (1866)

. V. Diawi	3 40			OIL A	ND GAS	WELL PERMIT	APPLICATION			
uckhamnon,	, WV 21	6201			e little d	teranisan necessar	otom vitemase i	CONFIDENTIAL	, WELL IN	
WELL TYPE	E: A Oil		_/ Gas _	X				tion of the same is a		
	B (If "	Gas", Pro	duction .	X		Underground sto	AND THE RESERVE AND THE PARTY OF THE PARTY O	_/ Deep	_/ Shallow	/)
LOCATION			1138			Tracer bilea.	worth River	THE RESERVE AND A SECOND	To T Total County	
		ct:	Prof 1 7 A	7000 3	ogia / l	County:	SHITE	Quadrangle:	C Veryont	IX Total
WELL OPER	RATOR	P. O	Promer	40		11)	DESIGNATED	AGENT	bearing An	020
Address		Buckha	DEVOR.	WV 2	6201		Address	Buckhar	mon. WV 26	201
OIL & GAS										
ROYALTY	OWNER _	See at	tached	Shee	t	12)	COAL OPERAT	TOR		
Address	right Joseph				that r	iden, geografia	Address	akii en nac distan	(a. 310156 . (d	
	-						and some to a	version contribute	Data Light	
Acreage	8.6	acre u				13)	COAL OWNER	(S) WITH DECLAR	ATION ON RECO	RD:
SURFACE O	WNER	lan co	NF 26	720			Name	e as ULL 6 68	s umers	
Address	- 14	irby,	AA EG	140			Address	And the second of the second	Washington and	
	454-59)							LOR STATE OF	
Acreage FIELD SALI	F (IF MADI	F) TO:					Name			
Address	C (II MAD)	VIII and the later of the later	mined	at th	is ti		Audress	ra meser "notes	ACT 169/2011 13	
							COAL LESSEE	WITH DECLARAT	ION ON RECORD):
OIL & GAS	INSPECTO	R TO BE	NOTIFIE	D			Name		Control of the	1
Name	ert Ste	ewart	08497	154)			Address _			
Address	Jane V	Lew.	54 7 7E	779		sale so vo os por	Shister See		Maria Carlos Carlos	
	Jane		v	210		1-40				
PROPOSED	WORK:					/ Redrill_				
						_/ Perforate ne	w formation			
GEOLOGICA	AI TARGE		ysical char		eli (speci	(y)		(1910)	COLUMN TIME OF THE	
17) Estimate				8	000	feet	mattalia loss. s	Contract Contract	as associate da	
18) Approxim					7		lt,	feet.		
19) Approxi					?		eing mined in the a		/ No	
CASING AN	D TURING	PPOCP	ANI							
CASING AN		1 ROOK	71A1		11			n (austronia gradu)	tesogora. (fr	
CASING OR TUBING TYPE		SPE	CIFICATION Weight	NS		FOOTAGE	INTERVALS	CEMENT FILL-UP OR SACKS	PACKERS	
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)		
Conductor	13 3/8			X		40	40		Kinds	
Fresh water Coal						300.	1.00	(3/1.)	4 2 (1)	
Intermediate	9 5/8		24#	X		2500	2500	to surtace	Sizes	
Production	5 1/2	(N80	17#	X			8000	500 sks.	Depths set	
Tubing								or as requir	ed	
Liners									Perforations:	
									Top I	Bottom
						udrahimas,			titis lugariti di	
EXTRACTIO										
Check and pro-				continu	ing contr	act or contracts by	which I hold the	right to extract oil or		
						ee reverse side for		right to extract on or	gas.	
ROYALTY P										
								t or contracts providing		
similar provis			to the ow	vner of t	he oil or	gas in place whic	h is not inherently	related to the volum	e of oil or gas so	extracte
The same of the sa			- 10	eeded. I	f the ans	wer is Yes, you ma	y use Affidavit Fo	orm IV-60.		
Required Cop	ies (See rev	erse side.)								
								registered mail or de		
Mines at Cha				il lessee (on or bei	ore the day of the	mailing or delivery	y of this Permit Appl	ication to the Depa	irtment
	in to be on the control of the contr	or virginit					G:1			
Notary:		May 2	2, 198	9 7			Signed:	C. Pettey, V	ice Preside	mt c
My Commission	n Expires						Its:		Production	
					OF	FICE USE ON	ILY			
						RILLING PER			7 P. C.	
mit number								- 1862 187 - 2		19
						annual Constitution	ALL SERVE ALL	Date		4 1
s permit covering rements subject	ng the well	operator a	nd well lo	rein and	nown bel	ow is evidence of	permission granted	to drill in accordance to the drill in accordance to the District O	e with the pertiner	or legal
fer to No. 10) I	rior to the o	constructio	on of roads	s, locatio	ns and pi	ts for any permitte	d work. In addition	the well operator or	his contractor shall	notify
er district oil	and gas insp	pector 24 h	nours befo	re actua	l permitte	ed work has comm	enced.)			
mit expires	NOEL	mber .	.0, 19	00		unless drill	ing is commenced p	prior to that date and p	prosecuted with due	diliger
Bond:	Agent	: 1	Plat:	(Casing	Fee				

NOTE: Keep one copy of this permit posted at the drilling location.

Administrator, Office of Oil and Gas

DRILLING CONTRACTOR:

returned with Fracture Permit

1)	Date:	April	15	. 19 83
-)	Dutt.	TO 1/2 1-1/2		
2)	Operator's			en

Well No._ 3) API Well No. 47 Permit State County

STATE OF WEST VIRGINIA

P	ARTMENT	OF	MINES,	OIL AN	D GAS	DIVISION

223	TON DIALES	115, 4 211	-					D GAS DIVISION		K at (1900-wante	
9	O. Drawer	WV 267	01	all rest	OIL A	ND GAS	WELL PERMIT	APPLICATION	(CONFIDEN	TIAL WELL)	
	ckhannon,				~~				(Prior Permi	t #47-027-0037)	
4)	WELL TYPE:						Underground stor	0.00	/ Deep/	/ Shallow/)	
5)	LOCATION:	Elevati	Gas'', Prod	45	4555		Watershed:	rth River	Воер	,	
2)	LOCATION.	District		rman		Tall St	County:	osnire	Quadrangle:	ellow Spring	
6)	WELL OPERA			illing	t, I	nc.	11)	DESIGNATED A	GENT Joseph	C. Vanzant, Jr.	
10	Address	BaraB.	0. Dr	awer (10		Ta in tales his	Address	Real Proof. B	raver 40	
		Bu	ickhanr	ion, Wi	1	0.20.1			Frickhan	eron, sev 20201	
7)			TE ATT	CACHED	SHE	ET	12)	COAL OPERATO	70		
	ROYALTY OV	VNER _	1000			and the last	12)	Address			
	Address							Tradicos		bressiger.	
	Acreage	640 a	icre ur	nit		2		COAL OWNER	S) WITH DECLARA	ATION ON RECORD:	
8)	SURFACE OV	OWNER Alan Cox						Name SEF ATTACHED SHEET 9 Same 35			
	Address	VI -dos 187 26720					a double	Address _	Oil a Gas O	Mners	
	ACA 06							-			
	Acreage	454.59						Name	O. S. ANDERS IV.		
9)	FIELD SALE	(IF MADE	E) TO:	ned at	thi	s time	Address				
	Address	INCHE MA	2 LAG & HOLES		2010	W. Walter	14)	COAL LESSEE V	WITH DECLARATI	ON ON RECORD:	
10)	OIL & GAS II	JEDECTO	P TO BE	NOTIFIE	D			Name	WITH BEODY MOTT		
10)	Name	rt Stev	vart (384-77	82)			Address _			
	Address	P. O.	Box :	345	NEST.	off ton li	acts C-Virusion	manage Amb	Company of the	SECTION OF THE PERSON	
		Jane	Lew, 1	W 26	378	doine to	Library net, its 1				
15)	PROPOSED V		DrillX			•	/ Redrill_		ire or stimulate		
								w formation			
					ge in	well (specif	y)		(10)		
16)						8000	£4			AN ANGLE WATER	
	17) Estimated					7	feet sa	ılt,	feet.		
	18) Approxim				, -			peing mined in the ar		/ No/	
	19) Approxim						iy cour	Joing millou m vivo a			
20)	CASING ANI	TUBING	PROGRA	AM				entimetro l'ili	Maria California		
	CASING OR TUBING TYPE		SPE	CIFICATION Weight	NS I	1	FOOTAGE	INTERVALS	CEMENT FILL-UP OR SACKS	PACKERS	
	TOBING TIFE	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)		
	Conductor	13 3/8)	9	200	200	LO BULLANO	Kinds	
	Fresh water									Sizes	
	Coal	3 5/9		24#	X		2500	2500	to surface	Sizes	
	Intermediate Production	5 3/8	N8	0-17#	X			80001	500 sks. or	Depths set	
	Tubing								as required		
	Liners									Perforations:	
										Top Bottom	
				1			5.01 p. 60 mg.				
21) EXTRACTIO										
	Check and pro	ovide one o	of the follo	wing:	conti	nuing conti	ract or contracts h	v which I hold the	right to extract oil or	gas.	
	The rec	uirement o	of Code 22	2-4-1-(c) (1) thro	igh (4). (S	ee reverse side for	specifics.)			
22	POVALTY P	ROVISION	IS							C Cl . 1114	
	Is the right to	extract, pro	oduce or m	arket the	oil or g	as based up	oon a lease or other	continuing contrac	t or contracts providi	ng for flat well royalty or any ne of oil or gas so extracted,	
	produced or n	on for con	ves	No T	wher o	i the on o	gas in place will	on is not innerently	Totatou to the votali		
If	the answer abov	e is No, no	thing add	itional is n	needed	. If the ans	wer is Yes, you m	ay use Affidavit Fo	orm IV-60.		
23) Required Cop	ies (See rev	erse side.)			1 1 1 1 1		have been mailed by	v registered mail or d	lelivered by hand to the above	
2	4) Copies of thi	s Permit A	pplication	and the e	nciose	a piat and ee on or be	fore the day of th	e mailing or deliver	ry of this Permit App	lelivered by hand to the above blication to the Department o	
	Mines at Cha	rleston, W	est Virgin	ia.							
	Notary:	A Property			CE E	r		Signed:	Adding to hear a	Vice President of	
	My Commission	n Expires	May 22	2, 1989	4 /1		MU CONSTRUCT	Its:	L. rettey,	Production	
	THE COMMISSION							NIV V	Marie Control of the	A STATE OF THE STA	
							FFICE USE O		10.00 pt 4 5 10 4 10 10		
						D	RILLING PE	KIVIII		19	
	ermit number								Dat		
T	his permit coveri	ng the well	operator	and well 1	ocatio	n shown be	elow is evidence o	f permission grante	d to drill in accordan	ord Cos Inspector	
										Oil and Gas Inspector. r his contractor shall notify th	
DI	roper district oil	and gas ins	spector 24	nours bei	ore ac	tual permit	ted work has com	menced.)	economic de la ma	- microscopi grana	
	ermit expires	Decem	ber 21	, 1983					prior to that date and	prosecuted with due diligence	
1	Bond:	Agen	ıt:	Plat:		Casing	Fee	7	65 - 63		
						San		Ad	ministrator, Office o	f Oil and Gas	

NOTE: Keep one copy of this permit posted at the drilling location.