

1)	Date:	April 1	, 19 85

2) Operator's Connolly, No. 11
47 013-3897 Well No.\_

3) API Well No.

County

Permit

### STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK DEDICT

District:   Lee							The state of the s	ELL WURK PERMI	1	
Solution   Company   Country   Calhoun   Cal	4) WELL T	YPE: A	Oil		Gas	/			A PROTECTION	
District: Lee County: Calhoun Quadrangle: Arnoldsburg Address P.O. Box 1588 Parkersburg, West Virginia		В (	If "Gas",	Productio	on		/ Undergroun	d storage	/ Deep	/ Shallow
6) WELL OPERATOR Pennzoil Company 37430  Address P. O. Box 1588 Parkersburg, West Virginia  8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Deo Mace Address Route 1, Box 5 Sandridge, W.Va.  10) PROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate Plug off old formation Other physical change in well (specify)  Berea  12) Estimated depth of completed well, 2380 feet 13) Approximate trata depths: Fresh, feet; salt, feet. 14) Approximate coal seam depths: Is coal being mined in the area? Yes No 15) CASING AND TUBING PROGRAM  CASING OR TUBING PROGRAM  CASING OR TUBING PROGRAM  CASING OR Grade Per ft. New Used For drilling Left in well Cement to Surface Winds  Fresh water 8-5/8 H40 23 X 380 380 Cement to Surface Winds  Tubing Tubing Liners  OFFICE USE ONLY	5) LOCATIO				The state of the s			Steel Lun	Board For	<b>(</b>
Address P.O. Box 1588 Parkersburg, West Virginia	6) WELLO	DEDATOR	strict:	Lonzoi	1 Con	nany	County:	Calhoun	Quadrangle: _	Arnoldsburg 7.
Parkersburg, West Virginia  8) OIL & GAS INSPECTOR TO BE NOTIFIED  Name  Deo Mace  Address  Route 1, Box 5  Sandridge, W.Va.  10) PROPOSED WELL WORK:  Drill X Drill deeper Redrill Separation  Other physical change in well (specify)  11) GEOLOGICAL TARGET FORMATION,  Berea  12) Estimated depth of completed well,  13) Approximate trata depths:  14) Approximate coal seam depths:  15) CASING AND TUBING PROGRAM  CASING OR  TUBING TYPE  Size  Grade Perfit. New Used For drilling Left in well  Conductor  Conductor  Conductor  Redrill / Stimulate  / Stimulate  / Perforate new formation  Other physical change in well (specify)  Berea  12) Estimated depth of completed well,  13) Approximate trata depths:  Is coal being mined in the area? Yes No.  Yes  No.  Yes  PACKERS  Conductor  Froat drilling Left in well  Conductor  Conductor  Redrill / Stimulate  / Stimulate  / Perforations  Footage Intervals  CEMENT FILL-UP  OR SACKS  (Cubic feet)  Kinds  Froat drilling  Left in well  Conductor  Redrill / Stimulate  / Stimulate  / Perforations  Footage Intervals  Conductor  Redrill / Stimulate  / Stimulate  / Peet.  Is coal being mined in the area? Yes No.  A 380  CEMENT FILL-UP  OR SACKS  (Cubic feet)  Kinds  Fresh water  Redrill / Stimulate  / Perforations  Sizes  Intermediate  Packers  Or John Tibbing  Depths set  Top  Top  Top  Top  Top  Top  Top  To			D	O Roy	1 150	pany	3/730			
SOIL & GAS INSPECTOR TO BE NOTIFIED  Name  Deo Mace  Route 1, Box 5  Sandridge, W.Va.  10) PROPOSED WELL WORK:  Drill X Drill deeper Redrill Stimulate  Plug off old formation Perforate new formation Other physical change in well (specify)  11) GEOLOGICAL TARGET FORMATION, Berea  12) Estimated depth of completed well, 2380 feet 13) Approximate trata depths: Fresh, feet; salt, Is coal being mined in the area? Yes No.  14) Approximate coal seam depths:  Size Grade Perfit. New Used For drilling Left in well (Cubic feet)  Conductor  Condu	Addic	33					Vinginia	Address		
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Sandridge, W.Va.    Stimulate						, 5				
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12) Estimated depth of completed well, 13) Approximate trata depths: Fresh, feet; salt, feet. 14) Approximate coal seam depths: Is coal being mined in the area? Yes No )  5) CASING AND TUBING PROGRAM  CASING OR TUBING TYPE Size Grade per ft. New Used For drillling Left in well Conductor  resh water 8-5/8 H40 23 X 380 380 Cement to surface with series of the conduction of the per ft. New Used Size Sizes Top Top Tip Be are supposed to the per ft. New Used Size Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Top Tip Be are supposed to the per ft. New Used Sizes Top Tip Tip Tip Tip Tip Tip Tip Tip Tip Ti										
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13) Approximate trata depths: Fresh,										
14) Approximate coal seam depths:										
CASING AND TUBING PROGRAM  CASING OR TUBING TYPE  Size  Grade  Gr	14) Appro	oximate coa	l seam den	ths:			reet; sa		feet.	
CASING OR TUBING TYPE  Size  Grade  Size  Grade  Size  Grade  Size  Grade  Size  Grade  For drilling  Left in well  Conductor  Tresh water  Soal  Intermediate  roduction  4-1/2  K55  9.5  X  2380  Cement to surface  Sizes  Top  Top  Top  Top  B  OFFICE USE ONLY	5) CASING	AND TUBI	NG PRO	GRAM			IS C	oal being mined in the	e area? Yes	/ NoX
TUBING TYPE  Size  Grade  Weight per ft.  New Used  For drilling  Left in well  OR SACKS (Cubic feet)  Kinds  Cement to surface  Sizes  For drilling  Left in well  OR SACKS (Cubic feet)  New Used  For drilling  Left in well  OR SACKS (Cubic feet)  New Used  For drilling  Kinds  Cement to surface  Sizes  For drilling  New Used  For drilling  Left in well  OR SACKS (Cubic feet)  New Used  For drilling  New Used  OR SACKS (Cubic feet)  For drilling  New Used  OR SACKS (Cubic feet)  New Used  OR SACKS (Cubic feet)  For drilling  New Used  OR SACKS (Cubic feet)  New Used  OR SACKS (Cubic feet)  For drilling  New Used  OR SACKS (Cubic feet)  For drilling  For drilling  OR SACKS (Cubic feet)  For drilling  OR SACKS (Cubic feet)  For drilling  OR SACKS (Cubic feet)  For drilling  For drilling  OR SACKS (Cubic feet)  For drilling  OR SACKS (Cubic feet)  For drilling  For drilling  OR SACKS (Cubic feet)  For drilling  For drilling  For drilling  OR SACKS (Cubic feet)  For drilling  For drilling  OR SACKS (Cubic feet)  For drilling  For drilling  For drilling  OR SACKS (Cubic feet)  For drilling  OR SACKS (Cubic feet)  For drilling  For drilling  For drilling  OR SACKS (Cubic feet)  For drilling  For	CASING OR	II			S		FOOTAGE	INTERVALO		h
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DRILLING PERMIT		4		10 PM				The state of the s		U)
	mit number	47-	013-3	8897					7	an Totales Same
April 23	min number_				100	Walter Co.			April	23 198
is permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent subject to the conditions contained herein and on the reverse hereof. Natification must be set to drill in accordance with the pertinent	is permit cove	ring the wel	1 operator	. and11	1				Date	th aft in neither
8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the crict oil and gas inspector 24 hours before actual permitted work has commenced.)							ork mas commence	u.)		
work has commenced.)	e permitted wo	ork is as des	cribed in	the Notice	and A	pplication	, plat, and reclama	ation plan, subject to	any modifications an	d conditions specified or
work has commenced.)		Apr	il 23	1987	7					
e permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specific	mit expires _	F					unless well	work is commenced	prior to that date and p	prosecuted with due dilige
e permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specific										200 W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
e permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specific	Bond:	Agent:	PI	at:	Casing	3	Fee			WITH MANY WAR
e permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specific rese hereof.  April 23 1987  unless well work is commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to that date and prosecuted with due of the commenced prior to the commenced prior to that date and prosecuted with due of the commenced prior to the comm	1/2	81.1	n	2/1	200	11 19	(77)	700	1	/
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e permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified and expires.  April 23 1987  unless well work is commenced prior to that date and prosecuted with due of the conditions and conditions are commenced prior to that date and prosecuted with due of the conditions are considered.	TE: Keen or	10 comu of 11	hio e					Admir	nistrator, Office of Oi	and Gas
e permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified applications.  April 23 1987  unless well work is commenced prior to that date and prosecuted with due of the second applications.  Bond: Agent: Plat: Casing Fee Margaret J. Margaret J	i.e. Keep on	copy of the	us permit	posted at	the dri	illing loca	tion.	//		
e permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified erse hereof.  April 23 1987  unless well work is commenced prior to that date and prosecuted with due of the second erse hereof.  Bond:  Agent:  Plat:  Casing  Fee  1/2  Agent:  Plat:  Casing  Fee  Margaret  Ma	1000		See th	e reverse	side of	the Appr	ICANTIC CORT	60011		F
e permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified applied and applications and conditions specified applied and applications.  April 23 1987  unless well work is commenced prior to that date and prosecuted with due of the property of the property of the permit posted at the drilling location.  Agent: Plat: Casing Fee Margaret James  Administrator, Office of Oil and Gas  OTE: Keep one copy of this permit posted at the drilling location.			See II	Tereise	side Uf	me APPI	CICANT'S COPY	for instructions to the	he well operator.	10/06/2023

OFFICE	USE	ON	LY
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### PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

VERLEYED TO THE VERLEY TO THE COMPANY

10/06/2023File

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SINFORM MEAT	of tuened			X			8/2-8	
A. P. San Special Control of								
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Line Company of the c	180 sks	OF	FICE USE ONL	Y				
e Communication					1			
This part of Form IV-2(b)	is to record th	e dates of cer	tain occurrences	and any follo	w-up ins	spection	s.	
Tins part of Form 2. =(-)							Dat	e(s)
6.3		Date				-		<del>\</del>
Application received			Follow-	up inspection	(s)			
Application received			warr aritati	d. "				
Well work started			a series		17.58		-V\$	
Completion of the drilling								
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Well Record received	sa Jawa kom ung							
Reclamation completed				"			riga	
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1)	Date:	April 1	,19 85
2)	Operator	's	
•	Well No.	C. Connolly, No.	. 11
3)	API Well	No. 41 013-	3897
		State County	Permit

STATE OF WEST VIRGINIA
DEPARIMENT OF MINES, OFFICE OF OIL & GAS

		NOTICE OF APPLICATION	FOR A WELL	WORK	PERMIT		
) SURFACE	OWNE	IR(S) OF RECORD TO BE SERVED			OPERATOR	No Commerc	cial Coal
(i) Name		Randall Connolly		Addr		110 Commer (	Jan Cual
Addre	ess	2701 Grand Central Aven	ША				
		Vienna, W.Va.	5(ii	.) COAL	OWNER (S)	WITH DECLARAT	TION ON RECO
(ii) Name				Manie			
Addre	ss_			Add	dress		
1221 1	_						
iii) Name			i i i i i i i i i i i i i i i i i i i	Name	-		
Addre	SS			Add	dress		
	_		5/333	COAT	T DOCUMENT		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
			3(111)	Name	LESSEE WIT	TH DECLARATIO	N ON RECORD:
					iress		
				Auc	mess		
		TO THE DEPOSIT OF					
		TO THE PERSON(S) NAMED ABOVE: You should	have received t	his Form	and the following	ng documents:	
		<ol> <li>The Application for a Well Work to be plugged, which sets out the and describes the well and its locementing program;</li> <li>The plat (surveyor's map) showing (3) The Construction and Reclamation plug a well), which sets out the reclamation for the site and access</li> </ol>	ocation and, if a	applicable	m IV-6; and	ner work, casing and	
	1		coo Lodu.				e > b
		THE REASON YOU RECEIVED THESE DOCUMEN WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU ACTION AT ALL.	VIS IS THAT YOU F ON THE REVERSE OU. HOWEVER, YOU	TAVE RIGHT SIDE OF T JARE NOT	S REGARDING THE HE COPY OF THE REQUIRED TO TAKE	APPLICATION   B	PR GAS
		erator proposes to file or has filed this for a Well Work Permit with the Administra Department of Mines, with respect to a wel and depicted on attached Form IV-6. Copie Construction and Reclamation Plan have been by hand to the person(s) named above (or before the day of mailing or delivery to the	l at the locations of this Notice on mailed by regi	n describe , the Appl stered or	ed on attached A lication, the pl	or delivered	3 1985
	6	EXTRACTION RIGHTS	ne Administrator	•			A STATE OF THE STA
		Check and provide one of the same		and the second		7.	
		Included is the lease or leases or of I hold the right to extract oil or The requirement of Code 22-4-1-(c)(1)	ther continuing of gas. Lease	ontract o	Te: See Ri	which Chardson Unit	Exhibit "
•	7	) ROYALTY PROVISIONS			Name of the second second		
		Is the right to extract, produce or mark or other contract or contracts providing for compensation to the owner of the oil to the volume of oil or gas so extracted	THE PARK WELL I	Cyarty of	any similar pro	leases wision elated	
		If the answer above is No, nothing you may use Affidavit Form IV-60.	ng additional is Affidavit O	needed. I	If the answer is	Yes,	
		See the reverse side for line item in the required copies of the Notice ar Reclamation Plan.				ning d	
ne truth o	of th	e information on the					
otice and .	Appl	ication is verified	WELL				
id sworn to	o an	d the Notice is	OPERA	TOR	Pennzoi	1 Company	
igned on b	ehal	f of the Well Operator	Ву	P	5	21	Λ.
i my count	y an	d State by		Superv	visor S	Muci	
Curtis		. ,		ress		eying and Maj	oping
is   day o		April , 1985.			P.O. Bo		
My Comin	5510	n expires Oct. 24, 1989.	Tele	ephone	422-656	burg, West V	
Joyc		m. Brand	ng sa si Ti	-			26102
Notary Pr	ublic	C, Wood County,				10/06	6/2023
State of		W. Va.				10/00	112023

#### INSTRUCTIONS TO APPLICANT

#### CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
  - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
  - 5(ii, iii) See Code § 22-4-20.
    - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
    - 7) See Code § § 22-4-11(d, e).

#### CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-l2b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(c) and 22-3-l2a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-lm, 22-4-2, 22-4-2a, and 22-4-2b.

### INFORMATION SUPPLIED UNDER CODE § 22-4-11(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that-

- the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee	, etc.	Royalty	Book Page	2

(Rev 8-81) State of Mest Wirginia

NOTES: Please request landowners' cooperation to protect new

seedling for one growing season. Attach separate sheets as

necessary for comments.



WELL NO. C. Co API NO. 47 - 013 - 3897

OIL & GAS DIVISION DEPT. OF MINES

Bepartment of Mines Wil und Gas Bivision

CONSTRUCTION AND R	ECLAMATION PLAN
COMPANY NAME PENNZOIL COMPANY	DESIGNATED AGENT JAMES A. CREWS
Address P.O. Box 1588, Parkersburg, Wi	
Telephone 4 Z 2 - 6565	Telephone 422-6565
LANDOWNER CONNOLLY HEIRS - RANDAU CONNOLLY	
Revegetation to be carried out by Cont	PACTOR (Agent)
This plan has been reviewed by	Koncule SCD. All corrections
and additions become a part of this plan: 3	3/2 g/a C
field review Ro	noball h Atkuson (SCD Agent)
ACCESS ROAD	LOCATION
Structure ROADSIDE DITCH (A)	Structure DIVERSION DITCH (1)
Spacing SEE SKETCH	Material EARTHEN
Page Ref. Manual 2-/2	Page Ref. Manual 2-/2
Structure Colvert 12" I.D. (B)	Structure Anchorat TRENCH (2)
Spacing SRE SKETCH	Material EARTHEN
Page Ref. Manual 2-7	Page Ref. Manual
Structure CULVERT 24" I.D. (C)	Structure (3)
Spacing SEE SKETCH	Material
Page Ref. Manual 2-7	Page Ref. Manual
All structures should be inspected regular commercial timber is to be cut and stacked as cut and removed from the site before dirt wor	nd all brush and small timber to be
REVEGETAT	ION
Treatment Area I	
LimeTons/acre	Treatment Area II
or correct to pH 6.5	or correct to pH_6.5
Fertilizer 500 lbs/acre	Fertilizer 500 lbs/acre
(10-20-20 or equivalent)  Mulch Straw 2 Tons/acre	(10-20-20 or equivalent)
214. ). =	Mulch STRAW 2 Tons/acre
PERENNIAL RYEGRASS 20 lbs/acre	Seed* KY31 FESCUE 30 lbs/acre
A	PERENNIAL KYEGRAS ZO lbs/acre
	RED CLOVER 10/05/2023acre
*Inoculate all legumes such as vetch, trefoil Inoculate with 3X recommended amount.	
PLAN PR	EPARED BY Curtis A. Lucas

ADDRESS P.O. Box 1588

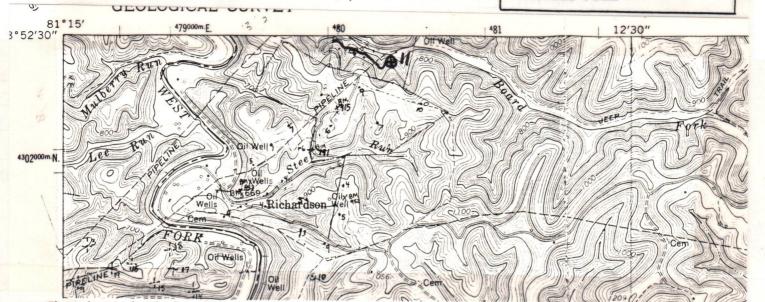
PHONE NO.

Parkersburg, W.V.

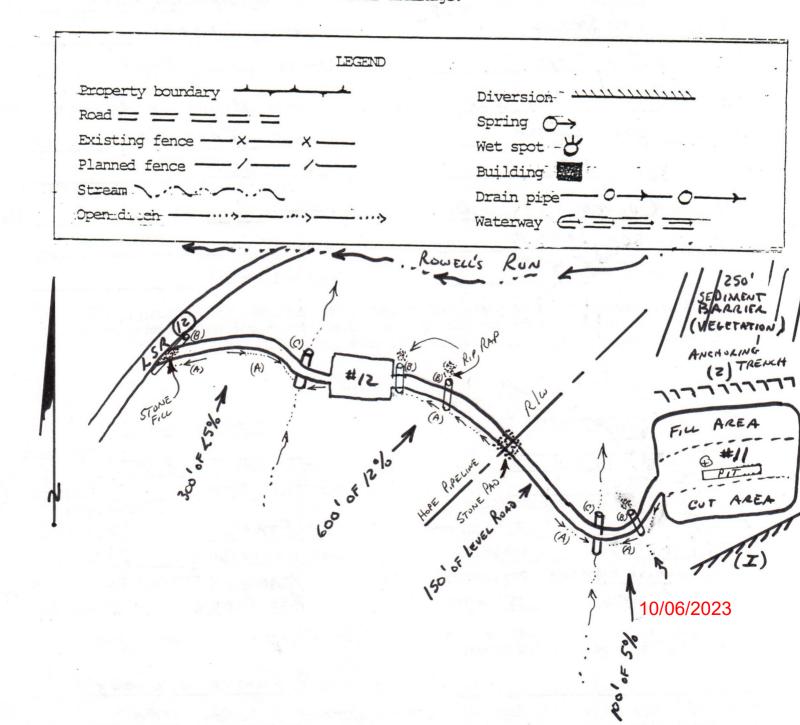
422-6565

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. OUADRANGLE ARNOLDS BURL 72

Well Site Access Road —



Sketch to include well location, existing access road, roads to be constructed, wellsited drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.



### RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse)

6-014	Sent to Randall Connoll	y
U.S.G.P.O. 1984-446-01	Street and No. Grand Cent	ral Ave.
9.0.	P.O., State and ZIP Code Vienna, W. Va.	26102
S.G.	Postage	\$
*	Certified Fee	
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to whom and Date Delivered	Х
1982	Return receipt showing to whom, Date, and Address of Delivery	-
Feb.	TOTAL Postage and Fees	\$
PS Form 3800,	Postmark as Date	

APR 3 1885

CLE GAS DIVISION
THE THE MINES



## State of Mest Birginia

DEPARTMENT OF ENERGY Bil und Gas Bivision

Date	November or's	22,	1985
bperate Well N	or's	11	
	C. Connol	1у	
API No	. 47 -	013	<b>-</b> 3897

WELL OPERATOR'S REPORT

# OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

VEIL TYPE:	Oil X / Gas / Liquid Injection (If "Gas," Production / Underground	/ Waste	e Disposal	/ / Sha	1104/)
	Clevation: 807 Watershed B	soard Fork			
LOCATION: E	District: Lee County Calho	oun	Quadrangle	Arnoldsb	urg 7.5'
I	District: Lee			manner and	Market and American
COMPANY_	Pennzoil Company		I	7.5+	Cement
ADDRESS P.O.	Box 1588, Parkersburg, W.Va. 26102	Casing	Used in	i- Well	fill up
	AGENT James A. Crews		Drilling	In Mell	
ADDRESS P.O	D. Box 1588, Parkersburg, WV 26102	Size 20-16			
SURFACE OWN	Randall Connolly, Agt.	Cond.			
ADDRESS 27	701 Grand Central Ave., Vienna, HV	13-10"			
MINERAL RIG	HTS OWNER Same as Above	9 5/8			-
ADDRESS		8 5/8	383	383	185 sks
OIL AND GAS	INSPECTOR FOR THIS WORK Dec	7		7.0	
Mace	ADDRESS Rt.5, Box 5, Sandridge, WV	5 1/2			
	JED 4-23-85	4 1/2	2431	2431	180 sks
DRILLING C	7-6-85 '	3			
DRITTIING C	OMPLETED 7-9-85	2			
IF APPLICATION	BLE: PLUGGING OF DRY HOLE ON PROGRESSION FROM DRILLING OR VERBAL PERMISSION OBTAINED	Liners used			
	TARGET FORMATION Berea				347 feet
GENTATION	of completed well 2423 feet	Rotary_)	/ Cab	le Tools_	
	Froch 225 feet;	Salt	1600	_	
water	seam depths:	Is coa	l being mi	ned in th	ne area? no
Coal	seam depuis				
OPEN FLOW	DATA		ar some de	enth 2:	322 feet
Produ	ucing formationBerea	F	ay zone ac	n flow	2 Bbl/d
Gas:	Initial open flow 2.5 Mcf/d	011: 1	mittal ope	fla:	2 Bb1/d
	minal man flow 25 Mcf/d	1	mar open	110	
	mins of men flow between ini	tial am	Ilhai les		110000
Stat	ic rock pressurepsig(surfa	ice measur	rement) at	tern	Ours sinc
	multiple completion	071)			
	- · · · · · · · · · · · · · · · · · · ·		Pay zone d	epth 10/0	0/2023 Teet
	mcf/a	011:	minal of	=1, 110m_	
	minal mon flow Mcf/d	011:	that ope.		
	mine of mon flow between in	itial and	Inal les		_10000
C+=	tic rock pressurepsig(surfa	ce measur	ement) aft	er	nours shut in
24			(Cor	ntirue on	reverse side

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

Perforated: 2327-2330; 2339-44/16H

Fractured: Berea 7-31-85

 $\mbox{w/}\mbox{ 250 gls. }\mbox{ 12.3 mud acid, 168 BGW, 2000# 20/40 sd}$ 

### WELL LOG

				REMAR	TKS		
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including and salt	indica	ition o	of all	fres
Clay Sand Silt Sand Shale Silt,Sand,Shale Salt Sand Pencil Cave Little Lime Pencil Cave Big Lime Big Injun Pocono Shale Coffee Shale Berea Devonian Shale Total Depth	0 118 148 290 322 468 1600 1752 1804 1318 1824 1951 1964 2309 2321 2347	118 148 290 322 468 1600 1752 1804 1818 1824 1951 1964 2309 2321 2347 2423					

(Attach separate sheets as necessary)

Pennzoil Company	
Well Operator	
By: Curtio a face	10/06/2023
Date: (1-22-85	

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 only!, encountered in the arilling of a well."

# STATE OF WEST VIRGINIA DEPARTMENT OF MINES



OIL & GAS DIVISION

# INSPECTOR'S WELL REPORTDEPT. OF MINES

Permit No./3-3897			Oil or Gas Well		
Company Pennjail	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACK	ERS
Address	Size				
arm Cormolly	16			Kind of Pack	cer
Vell No. //	13				
istrict Le County Cal.	81/4			Size of	
rilling commenced 7-6-85	6%	,		Depth set	
rilling completedTotal depth	5 3/16				
ate shotDepth of shot	3			Perf. top	
	Liners Used			Perf. bottom Perf. top	12.0
nitial open flow/10ths Water inInc	n			Perf. bottom	
pen flow after tubing/10ths Merc. inIncl			by annexament spect. You		
Cu. Ft	NAME OF SER			No. FT	Date
ock pressurelbshrs					
bbls., 1st 24 hrs					
esh water <u>feet</u> <u>fee</u>		INCH	ES	FEET	_INCHES
alt water <u>feet</u> <u>fee</u>	t FEET_	INCH	ES	FEET	_INCHES
rillers' Names Hunt 3					
emarks: 375' of 858" casing,	185 200	64 60	Y Ho	0:1 7	7. 68
or o custing,	100 recon	y cente	1100	-0. /-	7 00

7-8-85

Oc 18910812023

DISTRICT WELL INSPECTOR

### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

Permit No			· · · · · · · · · · · · · · · · · · ·	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 No			
COMPANY	ADDRESS							
FARM	COUNTY							
Filling Material Used								
Liner Loc	ation	Amount	Packer	Location				
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST		
			and the second second second second	4				
1			and the second s					
1								
-		particular and Alphanical solution			6714 522			
		-0.433.50						
*	roes from an	managas sa	18 E <sub>2</sub> (1)					
			•					
rillers' Names								
	The second second second second			March 4 Tour Tour Tour				
lemarks:					,			
DATE	I hereby certify I v	risited the abov	e well on this date.					

10/06/2023

Date: No	vemb	er 22,	_, 19	85
Operator's Well No.	C.	Connolly	#11	

API Well No. 47 - 013 - 3897 State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

			OIL RATIO TEST	2		
ELL OPERATOR	Pennzoil Co	mpany	DESIGNAT	ED AGENT	James A. Cre	ews
Address	P.O. Box 158	38		iress	P.O. Box 158	38
	Parkersburg	, W.Va. 2610			Parkersburg,	
EOLOGICAL TARGET	FORMATION:	Berea		Dept	h 2320	í e
			Perforation	Interval	2327-2344	fe
IDELINES FOR TES					-	
2- A 24 hour 3- Uniform pr 4- Measuremen	of gas vented or preflow into pipe oducing rate duri t standards as foorm IV-36 for eac	lines or tanks ng the 24 hour r Form IV-39.	Report of Any	wal Producti	on" ( <u>see</u> Regulitie letion	on 51.01)
		TE	ST DATA			
START OF T		END OF TEST- 9-6-85	B:00 A.	M. DURAT	ON OF TEST 24 hrs	_
TUBING PRE	SSURE CASING PRE	SSURE SEPARAT	OR PRESSURE	SEPARATOR TEN	PERATURE	
	TION DURING TEST GA	S PRODUCTION DURIN	NG TEST WATER F	PRODUCTION DURIN	G TEST & SALINITY	
OIL GRAVIT	Y	PRODUCING	METHOD (Flowing		lift, etc.)	
- HATELENER - CHARLES - CHARLES - L CHARLES - L.	A	PI	and the second s			
MEASUREMEN	T METHOD	GAS P	RODUCTION	POSITIVE CHOKE		
FLANGE I	exempts 4.5	L-10		CRITICAL FLOW F	KOVER	
ORIFICE DI	AMETER	PIPE DIAMETE	R (INSIDE DIAM.)	NOMINAL CHOP	KE SIZE - IN.	
DIFFERENTI	AL PRESSURE RANGE	MAX. STATIC	PRESSURE RANGE	PROVER & OR	IFICE DIAY II	
DIFFERENTI	AL.	STATIC		GAS GRAVITY MEASURED	(Air-1.0) ESTIMATED	
GAS GRAVIT	Y (Air-1.0)	FLOWING TEMP	ERATURE	GAS TEMPERA		
24 HOUR CO	EFFICIENT.			24 HOUR COE	FICIENT	
				PRESSURE -	psia	_
			T RESULTS			
DAILY OIL	DAILY WA	TER bbis.	DAILY GAS 4.25	Mcf.	O SCF/STE	
			Ву:	Pennzoil We	Company 11 Operator	n
			Its:	Supervisor,	Surveying and Ma	apping

# DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION

JAN 1 4 1986

### INSPECTOR'S WELL REPORT

Permit No. 15-389	Z (4-23-85)	764	and the second second second	Oil or Gas Well			
Company Penage	ril	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACE	ERS	
Address		Size					
Farm Connole	ly	16			Kind of Pac	ker	
Well No. [[		13			Size of		
District Lee	CountyCarl	81/4			5120 01	3 0,000 000 1000	
Drilling commenced		6%			Depth set_		
Drilling completed	Total depth	5 3/16			Dark to		
Date shot	Depth of shot	2			Perf. top Perf. botton		
Initial open flow	/10ths Water inInch	Liners Used			Perf. top		
Open flow after tubing	/10ths Merc. inInch	2 4 1 5 1 A 1 1 1 1 1 A 1 1 1 1 1 1 1 1 1 1			Perf. botton	1	
Volume	Cu. Ft.	CASING CEME	NTED	_SIZE	No. FT	Date	
Rock pressure	lbshrs.	NAME OF SER	RVICE COMPA	NY	1		
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES	
Fresh water	feetfeet	FEET_	INCH	ES	_FEET	INCHES	
Salt water	feetfeet	FEET_	INCH	ES	FEET	INCHES	
Drillers' Names							
Remarks: Relev	vel						

1-9-86

De May 10/06/2023

### STATE OF WEST VIRGINIA

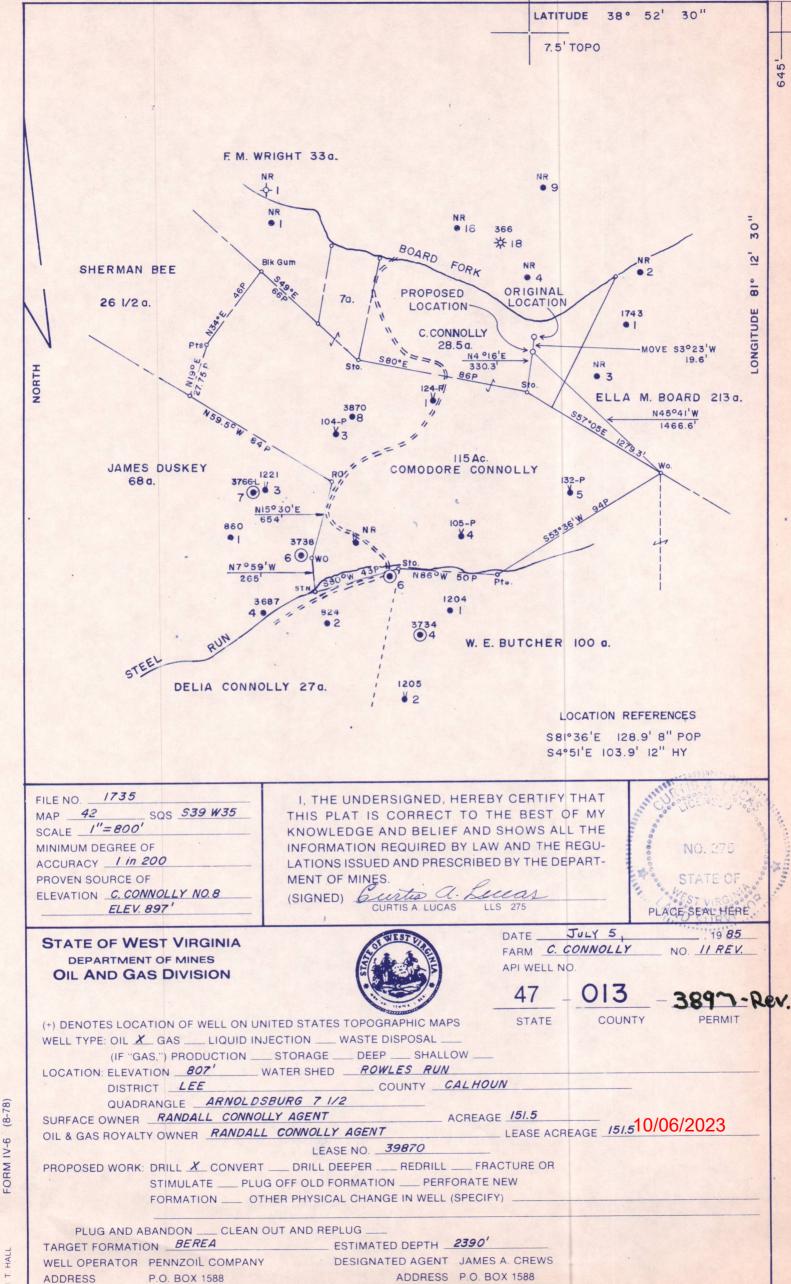
### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

Permit No.				Wel	II No		
COMPANY			ADDRESS	1.44	12,5		
FARM		DISTRIC	T	OUNTY	•		
					1040		
Filling Material Used							
Liner L	ocation	Amount	Packer	Location			
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	BILE	LOST	
			as all the same		235		
B			attended to the same and the same	10.7	- 1		
			Parameter and the second of th				
1							
		V			16.7 18.7	Track of the	
	950	<u> </u>					
	COMPANY	MILIVEUS	O SANS				
2							
Orillers' Names			and the state of the state of				
Remarks:			and the second		·		
1							
BATE	I hereby certify I v	isited the ab	ove well on this date.				

10/06/2023



PARKERSBURG, W.V. 26101

4,975

PARKERSBURG, W.V. 26101