

FILE COPY



1) Date: April 1, 19 85
 2) Operator's Well No. C. Connolly No. 10
 3) API Well No. 47 013-3896
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas _____
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 988 Watershed: Coal Run Board Fork
 District: Lee County: Calhoun Quadrangle: Arnoldsburg 7.5'
- 6) WELL OPERATOR Pennzoil Company 37450 7) DESIGNATED AGENT James A. Crews
 Address P.O. Box 1588 Address P.O. Box 1588
Parkersburg, W.Va. 26102 Parkersburg, W.Va.
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Deo Mace
 Address Route 1, Box 5
Sandridge, W.Va.
- 9) DRILLING CONTRACTOR:
 Name _____
 Address _____
- 10) PROPOSED WELL WORK: Drill / 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, 2590 feet
 13) Approximate strata 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 TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	8-5/8	H40	23	X		570	570	Cement to surface	Sizes
Coal									Depths set
Intermediate									Perforations:
Production	4-1/2	K55	9.5	X		2590	2590	180 sks.	Top Bottom
Tubing									
Liners									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-013-3896 Date April 23 19 85

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. 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 proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires April 23, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>112</u>	<u>SW</u>	<u>MH</u>	<u>MW</u>	<u>19576</u>

Margaret J. Hesse
 Administrator, Office of Oil and Gas

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

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

10/06/2023

File



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1. LOCATION: Board Fork, Cabotown, Putnam County, West Virginia

2. WELL OPERATOR: Penncoff Company, P.O. Box 1088, Parkersburg, W. Va. 26102

3. ON A CONTRACTOR TO BE NOTIFIED: D&W 2309, Route 1, Box 2, Sandridge, W. Va.

4. PROPOSED WELL WORK: Drill X, A well, 8-1/2" hole, 180 sks. (180 sks. new location)

5. GEOLOGICAL TARGET FORMATION: 2590

6. APPROXIMATE DATE OF COMPLETION: 2590

7. APPROXIMATE DATE OF START: 2590

8. APPROXIMATE DATE OF END: 2590

9. APPROXIMATE COST OF WELL: 2590

10. APPROXIMATE COST OF EQUIPMENT: 2590

11. APPROXIMATE COST OF MATERIALS: 2590

12. APPROXIMATE COST OF LABOR: 2590

13. APPROXIMATE COST OF OTHER: 2590

14. APPROXIMATE TOTAL COST: 2590

15. APPROXIMATE DATE OF PERMIT: 2590

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

112	26	11/2
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10/06/2023

1) Date: April 1, 1985
2) Operator's
Well No. C. Connolly, No. 10
3) API Well No. 47 013 3896
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Randall Connolly
Address 2701 Grand Central Avenue
Vienna, West Virginia 26105
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR No Commercial Coal
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas. Lease on File: Richardson Unit Exhibit "B"
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

Affidavit on File:

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Curtis A. Lucas,
this 1 day of April, 19 85.

My commission expires Oct. 24 19 89.

James M. Board
Notary Public, Wood County,
State of W. Va.

WELL
OPERATOR Pennzoil Company
By Curtis A. Lucas
Its Supervisor, Surveying and Mapping
Address P.O. Box 1588
Parkersburg, W. Va. 26102
Telephone 422-6565

DEPT. OF MINES
OIL & GAS DIVISION

APR 3 1985

RECEIVED

10/06/2023

I N S T R U C T I O N S T O A P P L I C A N T

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 § 22-4-1b(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".
- 5(i) "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 § 22-4-1k 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, 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 § § 22-4-1m, 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--

- (1) 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
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Well No. C. Connolly, No. 10
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The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Curtis A. Lucas
this 1 day of April, 1985.
My commission expires Oct. 24 1989.

Notary Public, Wood County,
State of W. Va.

WELL

OPERATOR Pennzoil Company

By Curtis A. Lucas

Its Supervisor, Surveying and Mapping

Address P.O. Box 1588

Parkersburg, W. Va. 26102

Telephone 422-6565

10/06/2023

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

JAN 14 1986

INSPECTOR'S WELL REPORT

Permit No. 13-3896

(4-23-85)

Oil or Gas Well _____
(KIND)

Company <u>Pennycoil</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Connolly</u>	16			Kind of Packer _____
Well No. <u>10</u>	13			
District <u>See</u> County _____	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Release Reclamation

1-9-86
DATE

Deo Moore 10/06/2023
DISTRICT WELL INSPECTOR

MA 4-16-85

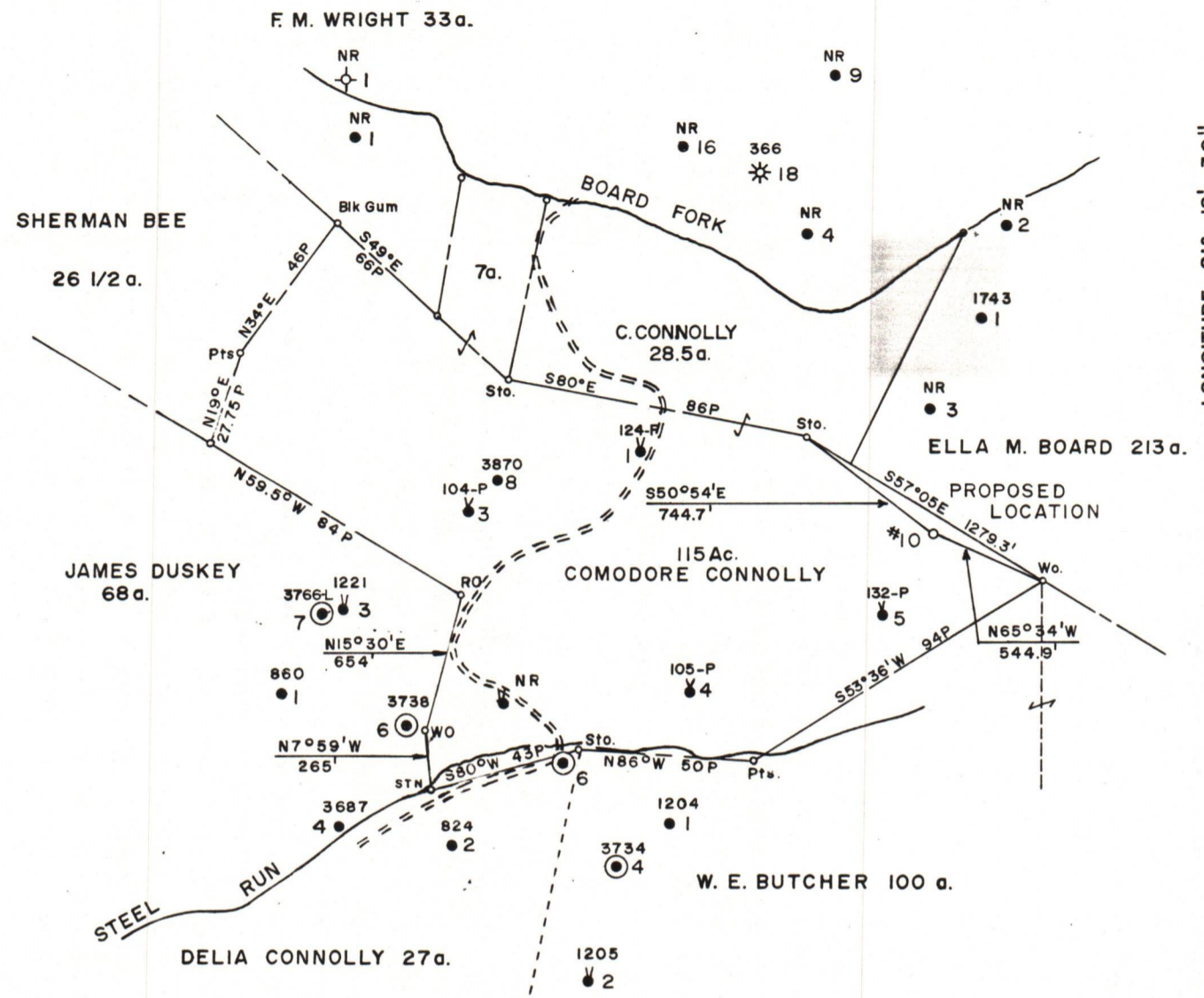
4,375'

LATITUDE 38° 52' 30"

7 1/2
TOPO

LONGITUDE 81° 12' 30"

NORTH



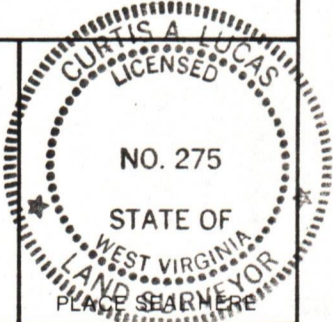
LOCATION REFERENCES

N4°27'W 98.0' 16" RO
N50°26'E 82.8" HY

FILE NO. 1735
 MAP 42 SQS S39 W35
 SCALE 1"=800'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION C. CONNOLLY NO. 8
ELEV. 897'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Curtis A. Lucas
 CURTIS A. LUCAS LLS 275



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE APRIL 1, 19 85
 FARM C. CONNOLLY NO. 10
 API WELL NO.

47 - 013 - 3896
 STATE COUNTY PERMIT

(+) 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 988' WATER SHED BOARD FORK
 DISTRICT LEE COUNTY CALHOUN

SURFACE OWNER RANDALL CONNOLLY AGENT ACREAGE 151.5
 OIL & GAS ROYALTY OWNER RANDALL CONNOLLY AGENT LEASE ACREAGE 151.5 **10/06/2023**
 LEASE NO. 39870

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

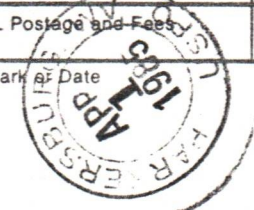
PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION BEREA ESTIMATED DEPTH 2,590'
 WELL OPERATOR PENNZOIL COMPANY DESIGNATED AGENT JAMES A. CREWS
 ADDRESS P.O. BOX 1588 ADDRESS P.O. BOX 1588
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

FORM IV-6 (8-78) H. T. HALL

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

* U.S.G.P.O. 1984-446-014 PS Form 3800, Feb. 1982	Sent to	Randall Connolly	
	Street and No.	2701 Grand Central Ave.	
	P.O., State and ZIP Code	Vienna, W. Va. 26102	
	Postage		\$
	Certified Fee		
	Special Delivery Fee		
	Restricted Delivery Fee		
	Return Receipt Showing to whom and Date Delivered		X
	Return receipt showing to whom, Date, and Address of Delivery		
	TOTAL Postage and Fees		\$
Postmark or Date			

RECEIVED
 APR - 3 1985
 OIL & GAS DIVISION
 DEPT. OF MINES



IV-9
(Rev 8-81)

RECEIVED
APR - 3 1985

DATE 3/25/85

WELL NO. COMMODORE CONNOLLY #10

API NO. 47-013-3896

State of West Virginia

Department of Mines

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PENNZOIL COMPANY

DESIGNATED AGENT JAMES A. CREWS

Address P.O. Box 1588, Parkersburg, WV

Address Box 1588, Parkersburg, W.V.

Telephone 422-6565

Telephone 422-6565

LANDOWNER RANDALL CONNOLLY

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by CONTRACTOR

(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 3/26/85

(Date)

field review

Randall L. Atkinson

(SCD Agent)

ACCESS ROAD

LOCATION

Structure ROADSIDE DITCH (A)

Structure _____ (1)

Spacing SEE SKETCH

Material _____

Page Ref. Manual 2-12

Page Ref. Manual _____

Structure CULVERT 12" I.D. (B)

Structure _____ (2)

Spacing SEE SKETCH

Material _____

Page Ref. Manual 2-7

Page Ref. Manual _____

Structure _____ (C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch STRAW 2 Tons/acre

Mulch STRAW 2 Tons/acre

Seed* KY 31 FESCUE 30 lbs/acre

Seed* KY 31 FESCUE 30 lbs/acre

PERENNIAL RYEGRASS 20 lbs/acre

PERENNIAL RYEGRASS 20 lbs/acre

RED CLOVER 5 lbs/acre

RED CLOVER 5 lbs/acre

10/06/2023

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Curtis A. Lucas

ADDRESS P.O. Box 1588


Parkersburg, W.V.


PHONE NO. 422-6565

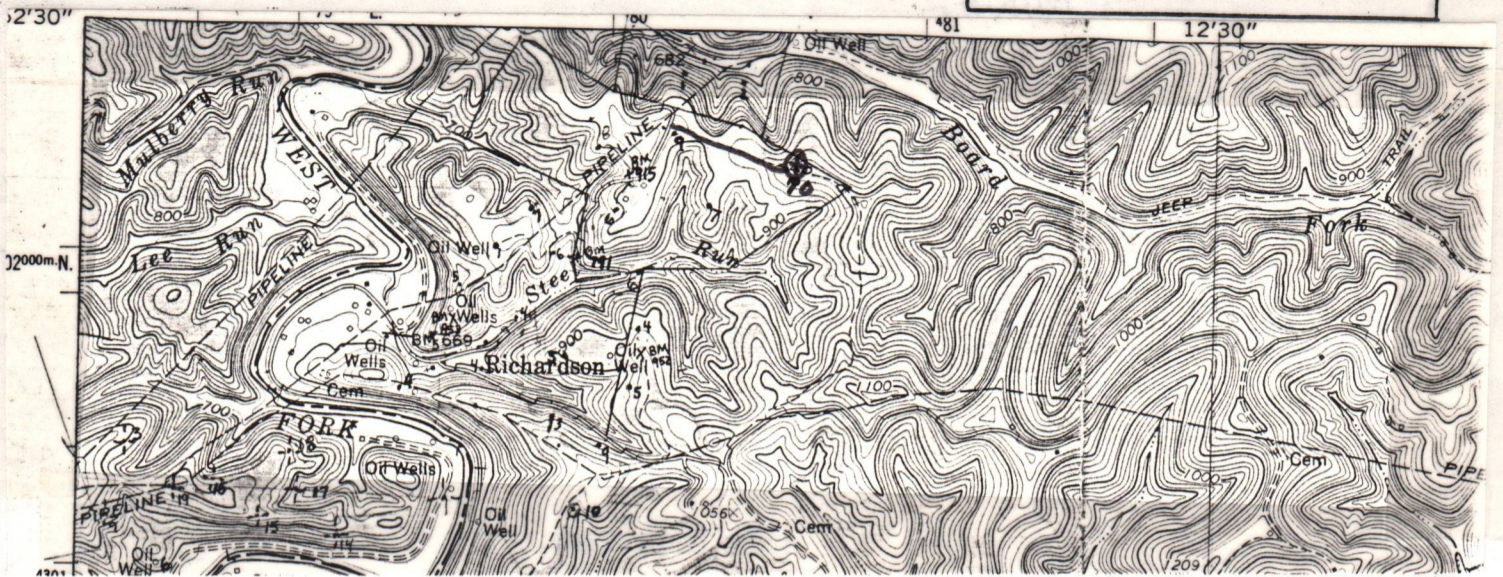
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE ARNOLDSBURG 7 1/2

LEGEND













Well Site 

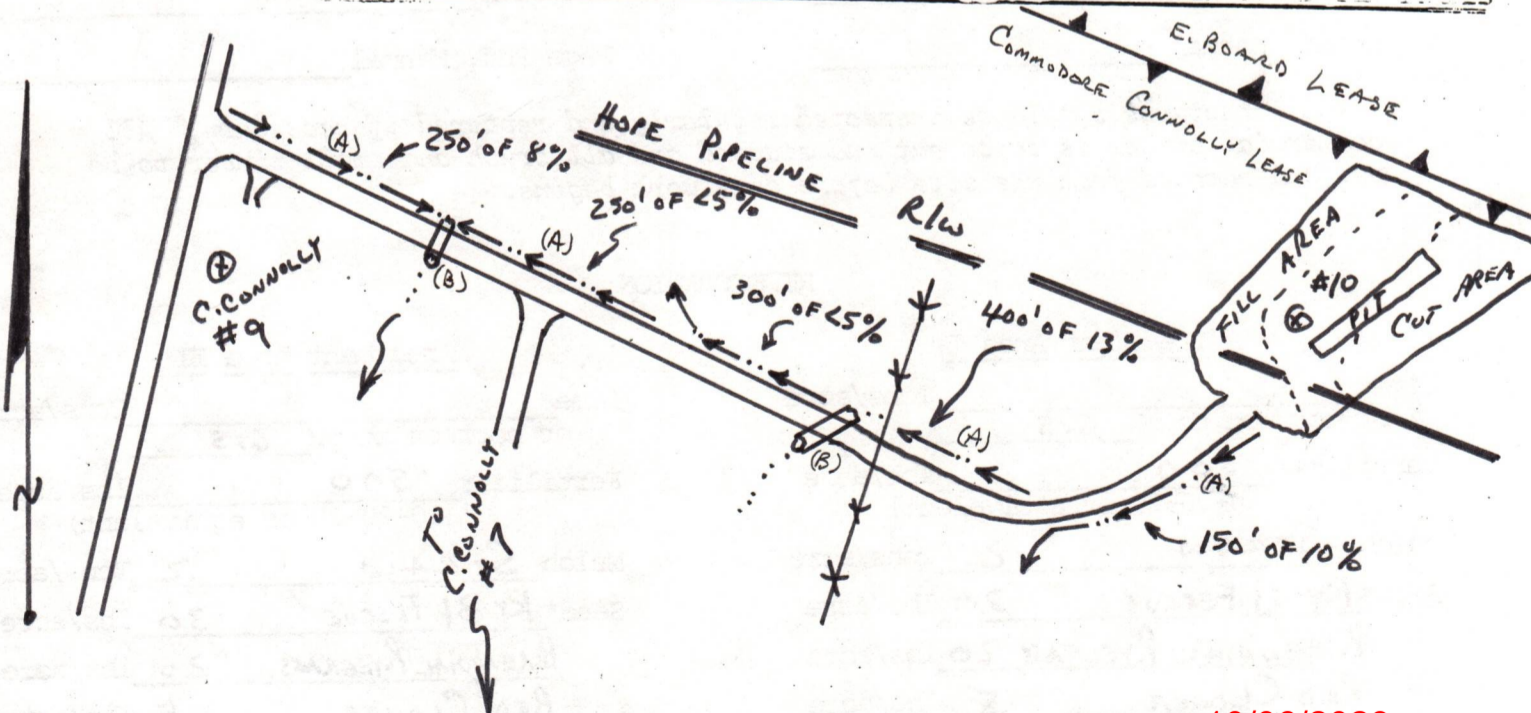
Access Road 



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

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



10/06/2023

Date: November 22, 19 85

Operator's Well No. C. Connolly #10

API Well No. 47 - 013 - 3896
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

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

WELL OPERATOR Pennzoil Company DESIGNATED AGENT James A. Crews
Address P.O. Box 1588 Address P.O. Box 1588
Parkersburg, West Virginia 26102 Parkersburg, W.Va. 26102

GEOLOGICAL TARGET FORMATION: Berea Depth 2506 feet
Perforation Interval 2512 - 2531 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 51.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE <u>8-23-85</u>	TIME <u>8:00 A.M.</u>	END OF TEST-DATE <u>8-24-85</u>	TIME <u>8:00 A.M.</u>	DURATION OF TEST <u>24 hrs</u>
TUBING PRESSURE	CASING PRESSURE	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE	
OIL PRODUCTION DURING TEST bbls.	GAS PRODUCTION DURING TEST Mcf	WATER PRODUCTION DURING TEST & SALINITY 0 bbls.		PTM.
OIL GRAVITY °API	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) <u>Pumping</u>			

GAS PRODUCTION		
MEASUREMENT METHOD FLANGE TAP <input type="checkbox"/>	PIPE TAP <input type="checkbox"/>	L-10 <input type="checkbox"/>
		POSITIVE CHOKE CRITICAL FLOW PROVER <input type="checkbox"/>
ORIFICE DIAMETER	PIPE DIAMETER (INSIDE DIAM.)	NOMINAL CHOKE SIZE - IN.
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN.
DIFFERENTIAL	STATIC	GAS GRAVITY (Air=1.0) MEASURED ESTIMATED
GAS GRAVITY (Air=1.0)	FLOWING TEMPERATURE	GAS TEMPERATURE °F
24 HOUR COEFFICIENT.	24 HOUR COEFFICIENT	
PRESSURE - psia		

TEST RESULTS			
DAILY OIL <u>3.28</u> bbls.	DAILY WATER <u>0</u> bbls.	DAILY GAS <u>5.5</u> Mcf.	GAS-OIL RATIO <u>1676</u> SCF/STB

Pennzoil Company
Well Operator

By: *James A. Crews*
Its: Supervisor, Surveying and Mapping

10/06/2023