

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Clint Hurt & Assoc. NAME Pennzoil Company
 ADDRESS _____ ADDRESS Parkersburg, West Virginia 2610
 TELEPHONE _____ TELEPHONE 422-6565
 ESTIMATED DEPTH OF COMPLETED WELL: 2044' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun
 TYPE OF WELL: OIL GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	354'	354'	Cement to surface
7			
5 1/2			
4 1/2	2044'	2044'	100 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? None BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

09/15/2023

For Coal Company

Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 27 1979

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION OF MINES

OIL & GAS DIVISION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE April 25, 1979

Surface Owner J. W. Gandee

Company PENNZOIL COMPANY

Address Ovapa, WV 25150

Address P. O. Box 1588, Parkersburg, WV 26101

Mineral Owner A. Daniel Kahan

Farm O. D. Stockly Acres 4000

Address P. O. Box 559, Tulsa, Okla., 74100

Location (waters) Granny's Creek

Coal Owner _____

Well No. 165 Elevation 1045.89'

Address _____

District Geary County Roane

Coal Operator NO COMMERCIAL COAL

Quadrangle Newton 7.5'

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-27-79.

INSPECTOR
TO BE NOTIFIED

Mr. Richard Morris
P. O. Box 372
Grantsville, WV 26147
Ph: 354-7259

ADDRESS _____

PHONE _____

John S. [Signature]
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated October 24, 1907 by Olivia D. Stockly made to Hope Natural Gas Co. and recorded on the _____ day of _____ 19____, in _____ County, Book 10 Page 416

NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours, PENNZOIL COMPANY
(Sign Name) Curtis A. Lucas
Well Operator Curtis A. Lucas,
P. O. Box 1588 Civil Eng. Dept.
Street
Parkersburg,
City or Town
West Virginia 26101
State

09/15/2023

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat. that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.



OFFICE USE ONLY

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

1) WELL LOCATION: B (11" Gas), E (11" Gas), F (11" Gas), G (11" Gas), H (11" Gas), I (11" Gas), J (11" Gas), K (11" Gas), L (11" Gas), M (11" Gas), N (11" Gas), O (11" Gas), P (11" Gas), Q (11" Gas), R (11" Gas), S (11" Gas), T (11" Gas), U (11" Gas), V (11" Gas), W (11" Gas), X (11" Gas), Y (11" Gas), Z (11" Gas)

2) WELL OPERATOR: [Name], [Address], [City], [State], [Zip]

3) DRILLING CONTRACTOR: [Name], [Address], [City], [State], [Zip]

4) PROPOSED WELL WORK: [Description]

5) ESTIMATED DEPTH OF COMPLETED WELL: [Depth]

6) APPROXIMATE DATE OF COMPLETION: [Date]

7) APPROXIMATE COAL SEAM DEPTHS: [List]

8) GEOLOGICAL TARGET FORMATION: [List]

9) OTHER PHYSICAL CHANGES IN WELL (DEPTH, LOCATION, etc.): [List]

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FEB 23 1084

DEPT. OF MINES
OIL & GAS DIVISION

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: _____

Agent	Pat	Casing	Per

09/15/2023

1) Date: Feb. 16, 1984
2) Operator's Well No. O. D. Stockly #165
3) API Well No. 47-087-2968-FRAC
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 J. W. Gandee
Address Ovapa, WV
(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.

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 6 day of February 1984.
My commission expires Oct. 24, 1989.
Joyce M. Board
Notary Public, Wood County,
State of W. Va.

WELL OPERATOR Pennzoil Company
By Curtis A. Lucas
Its Supervisor, Surveying & Mapping
Address P. O. Box 1588
Parkersburg, WV 26101
Telephone 304-422-6565

RECEIVED

FEB 22 1984

OIL & GAS DIVISION
DEPT. OF MINES

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. See Permit No. 47-087-0009-Frac/Lease copy on file
- 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 X No

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

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.

09/15/2023

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

C O N C E R N I N G T H E L I N E I T E M S :

- 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).

C O N C E R N I N G T H E R E Q U I R E D C O P I E S F O R F I L I N G A N D S E R V I C E :

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 § 22-4-3a 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.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)
I N L I E U O F F I L I N G L E A S E (S) A N D O T H E R C O N T I N U I N G C O N T R A C T (S)

Under the oath required to make the verification on the reverse 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

16



IV-9
(Rev 8-81)

DATE Feb. 14, 1984
WELL NO. P. D Stockly 165
API NO. 47-087-2968-
FRAC

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PENNZOIL COMPANY
Address P.O. Box 1588, Parkersburg, WV
Telephone 422-6565

DESIGNATED AGENT JAMES A. CREWS
Address Box 1588, Parkersburg, W.V.
Telephone 422-6565

LANDOWNER J. W. Gandee

SOIL CONS. DISTRICT Little Kanawha
(Agent)

Revegetation to be carried out by Company Employees

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 2-15-84
(Date)

Garrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure See comments (A)
Spacing _____
Page Ref. Manual _____
Structure _____ (B)
Spacing _____
Page Ref. Manual _____
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure see comments (1)
Material _____
Page Ref. Manual _____
Structure _____ (2)
Material _____
Page Ref. Manual FEB 22 1984
OIL & GAS DIVISION
Structure DEPT. OF MINES (3)
Material _____
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

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Straw 2 Tons/acre
Seed* Ky 31 Fescue 40 lbs/acre

_____ lbs/acre

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Straw 2 Tons/acre
Seed* Ky 31 Fescue 40 lbs/acre

_____ lbs/acre

09/15/2023

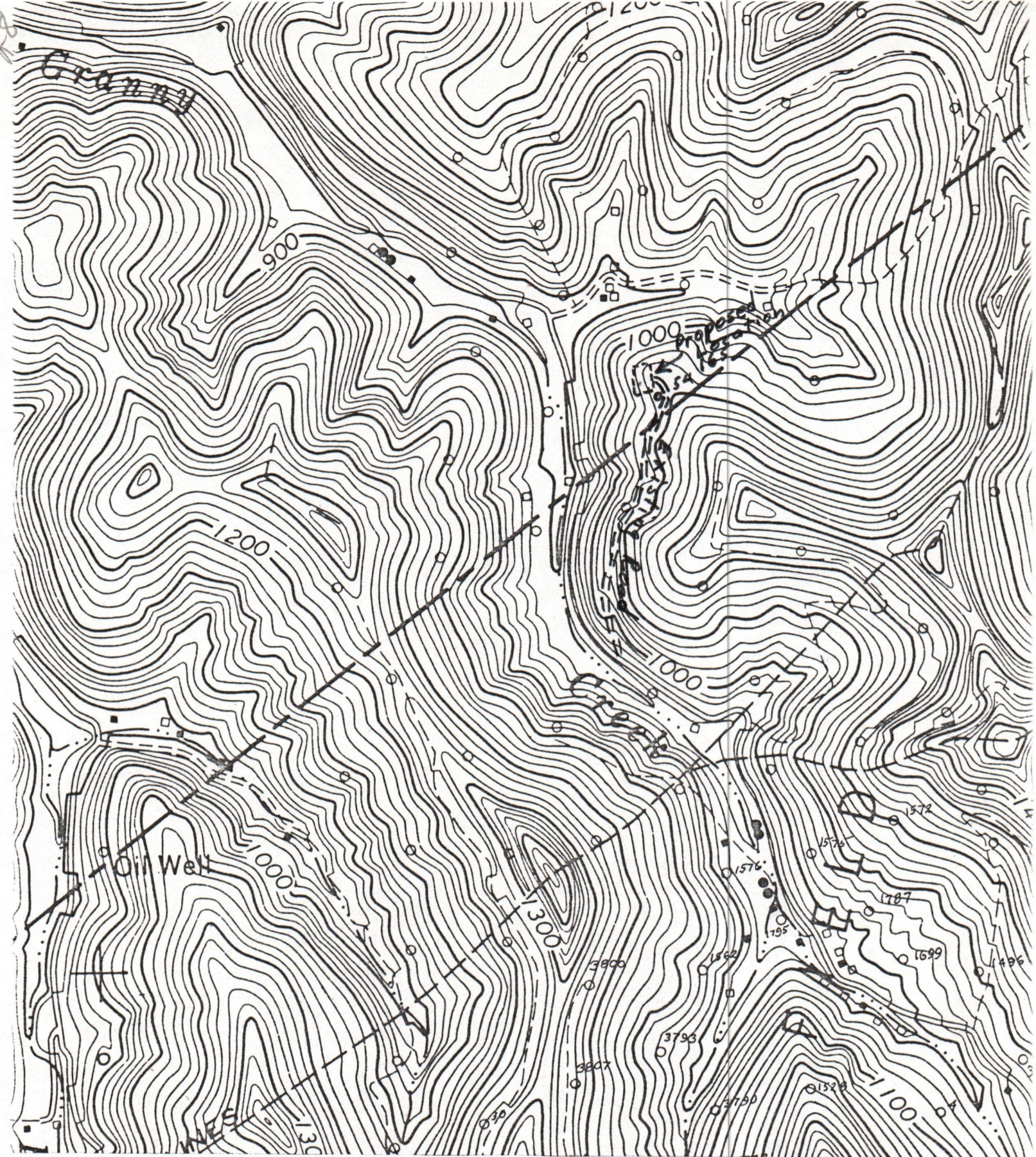
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

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.



PENNZOIL COMPANY

MAP 83

FARM O. D. Stockly No. 165

SQUARES S61 W31

COUNTY Roane

DISTRICT Geary

An existing road will be used to Well 54. The new road will be constructed from 54 to the proposed location. All commercial size logs will be salvaged. The drilling pit will be in solid cut. Upon completion, the location and filled pit will be seeded.

47-087-2968

Richard Morris

This plan was observed and agreed upon between the well operator, Richard Morris and the District Oil and Gas Inspector, Richard Morris.

09/15/2023

I certify that all requirements of Chapter 22, Article 4, Section 12b, of the W. Va. Code of 1931, as amended will be carried out.

SIGNED *Curtis A. Swan*
Civil Engineering Department

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APR 27 1979

DATE April 25, 1979

OIL & GAS DIVISION
DEPT. OF MINES

An existing road will be used to Well 24. The new road will be constructed from 24 to the proposed location. All commercial axle logs will be salvaged. The drilling pit will be in solid cut. Upon completion, the location and filled pit will be sealed.

09/15/2023

APR 27 1979

DEPT. OF MINES
OIL & GAS DIVISION

April 25, 1979

A9

FORM IV-60
(6-82)



DATE: February 16, 1984
OPERATOR'S
WELL NO.: O.D. Stockly #165

API NO: 47 - -
State County Permi

State of West Virginia

OFFICE OF OIL AND GAS
DEPARTMENT OF MINES

A F F I D A V I T

State of W. Va.

County of Wood

I, James A. Crews (the designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well permit application to which this affidavit is attached do state that (he, she, or it) shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced, or marketed before deducting the amount to be paid or set aside for the owner of the oil or gas in place, or all such oil or gas to be extracted, produced, or marketed from the well. West Virginia Code 22-4-11(e) (1982).

Signed: James A. Crews

Taken, Subscribed, and sworn to before me this 16 day of February, 1984.

Notary: Jayce M. Beard

My Commission Expires: October 24, 1989

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FEB 22 1984

OIL & GAS DIVISION
DEPT. OF MINES

09/15/2023



Department of the Interior
Bureau of Land Management
Office of the Director
Washington, D.C.

MEMORANDUM

TO: [Illegible]

FROM: [Illegible]

SUBJECT: [Illegible]

[Illegible text follows]

RECEIVED
FEB 23 1984
DEPT. OF INTERIOR
OFFICE OF THE DIRECTOR



1) Date: February 16, 19 84
 2) Operator's Well No. O. D. Stockly No. 165
 3) API Well No. 47 087 2968
 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: 1045.89' Watershed: Granny's Creek
 District: Geary County: Roane Quadrangle: Otter 15'
- 6) WELL OPERATOR Pennzoil Company 7) DESIGNATED AGENT James A. Crews
 Address P. O. Box 1588 Address P. O. Box 1588
Parkersburg, WV 26101 Parkersburg, WV 26101
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Homer Dougherty Name _____
 Address Linden Rt., Box 3-A Address _____
Looneyville, WV 25259
- 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, Injun
- 12) Estimated depth of completed well, 2016 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		Kinds	Sizes
Conductor										
Fresh water										
Coal	<u>8-5/8</u>					<u>202</u>	<u>202</u>	<u>120 sk.</u>		} EXISTING
Intermediate										
Production	<u>4-1/2</u>					<u>2016</u>	<u>2016</u>	<u>50 sk.</u>		Depths set
Tubing										
Liners										Perforations: Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19 _____

By Michael Jarvis

Its _____

09/15/2023
 Coal Owner

A10



601 GRAND CENTRAL AVENUE • VIENNA, W. VA. 26105 • PHONE (304) 422-6565
Mailing Address: P.O. Drawer 1588, Parkersburg, West Virginia 26101

RECEIVED

APR 27 1979

OIL & GAS DIVISION
DEPT. OF MINES

April 25, 1979

Mr. R. L. Dodd, Deputy Director
Oil and Gas Division
Department of Mines
1613 Washington Street, East
Charleston, West Virginia 25311

Dear Mr. Dodd:

O. D. Stockly, Well No. 165
Geary District, Roane County

Attached are five copies of Form OG-1 to drill the proposed subject well.

Also attached are original and two prints showing the location of the well, reclamation and check in the amount of \$100.00 for permit fee.

Very truly yours,

PENNZOIL COMPANY

Curtis A. Lucas
Curtis A. Lucas
Civil Engineering Dept.

CAL/lj
Attachments

To: Mr. A. Daniel Kahan (Form OG-1 and Plat)
P. O. Box 559
Tulsa, Oklahoma 74100

J. W. Gandee (Plat)
Ovapa, WV 25150

bcc: Fritz Gesch (Form OG-1 and Plat)

09/15/2023

PERMISSION

APR 27 1978

April 25, 1978

DEPT. OF MINES
OIL & GAS DIVISION

Mr. A. L. Bodd, Deputy Director
Oil and Gas Division
Department of Mines
1413 Washington Street, West
Charleston, West Virginia 25311

Dear Mr. Bodd:

O. O. Bookley, Well No. 102
Geary District, Boone County

I enclose the five copies of Form O-1 to drill
the proposed subject well.

Also enclosed are original and two copies showing
the location of the well, recommended check in the
amount of \$100.00 for permit fee.

Very truly yours,

W. W. COOPER

W. W. Cooper
District Engineer

WAL
Attachment

To: Mr. A. L. Bodd
P. O. Box 350
Fairfax, Oklahoma 74130

J. W. Gable
Owaga, WV 25120

cc: Mr. Bodd (Form O-1 and Plan)

[08-78]

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

Fractured: 8-24-79 w/250 gals. 15% HCL, 200BW, 3300# 20/40 sd.

WELL LOG

FORMATION	Color	Hard or Soft	30 Top Feet	Bottom Feet	Remarks Including Indication of all fr and salt water, coal, oil and
Siltstone & Shale			0	106	
Sand			106	162	
Shale & Siltstone			162	246	
Sand			246	385	
Shale			385	388	
Sand			388	415	
Shale & Siltstone			415	463	
Sand & Shale			463	593	
Sand & Siltstone			593	672	
Shale & Sand			672	751	
Sand, Shale, Siltstone			751	1700	
Salt Sands			1700	1784	
Blue Monday			1784	1790	
Pencil Cave			1790	1802	
Big Lime			1802	1847	
Loyalhanna			1847	1924	
Big Injun			1924	1950	
Shale			1950	1980	
Squaw			1980	1999	
Shale			1999	2016	
Total Depth				2016	

(Attach separate sheets to complete as necessary.)

Pennzoil Company

Well Operator

By

Curtis A. [Signature] 09/15/2023

xxxx

Civil Engineering Dept.

NOTE: Regulation 8.08-01 provides as follows:

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

WELL TYPE: Oil X / Gas ___ / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow ___)
LOCATION: Elevation: 1045.89' Watershed: Granny's Creek
District: Geary County: Roane Quadrangle: Newton 7.5'

WELL OPERATOR Pennzoil Company DESIGNATED AGENT Mr. James A. Crews
Address P. O. Box 1588 Address P. O. Box 1588
Parkersburg, WV 26101 Parkersburg, WV 26101

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Re-drill ___ / Fracture or stimulate
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON April 27, 19 79

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED

Name Richard Morris

Address P. O. Box 372

Grantsville, WV

GEOLOGICAL TARGET FORMATION: Injun Depth 2044 feet

Depth of completed well, 2016 feet Rotary X / Cable Tools ___

Water strata depth: Fresh, ___ feet; salt, ___ feet.

Coal seam depths: _____ Is coal being mined in the area? No

Work was commenced June 27, 19 79, and completed August 24, 19 79

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									
Coal	8-5/8					202	202	120 sks	Sizes
Intermediate									
Production	4-1/2					2019	2019	50 sks	Deaths set
Tubing									
Miners									Perforations:
									Top Bottom

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JAN 21 1981

OIL & GAS DIVISION
DEPT. OF MINES

OPEN FLOW DATA

Producing formation Injun Pay zone depth _____ feet

Gas: Initial open flow, 17,000 Mcf/d Oil: Initial open flow, 11 Bbl/d

Final open flow, 9,000 Mcf/d Final open flow, 3 Bbl/d

Time of open flow between initial and final tests, _____ hours **09/15/2023**

Static rock pressure, _____ psig (surface measurement) after _____ hours shut in

[If applicable due to multiple completion--]

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d

Final open flow, _____ Mcf/d Final open flow, _____ Bbl/d

Time of open flow between initial and final tests, _____ hours

Static rock pressure, _____ psig (surface measurement) after _____ hours shut

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

Date: 6-28, 1979

Operator's Well No. 165
API Well No. 47-027-2968
State County Permit

INSPECTOR'S WELL REPORT
ON
PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

WELL TYPE: Oil ___ / Gas ___ / Liquid Injection / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow)

LOCATION: Elevation: _____ Watershed: Granny Creek
District: Geary County: Roane Quadrangle: _____

WELL OPERATOR Pennzoil Company DESIGNATED AGENT Curtis A Lucas
Address _____ Address _____

Partnersburg, wva Partnersburg, wva

DRILLING CONTRACTOR Clint Hurt ASSOC. SERVICE COMPANIES Halbirtson
Address _____

Charleston, wva

WELL DATA:
Drilling commenced 6-27, 1979; completed _____, 19____
Total Depth _____ feet
Fracturing ___ / Stimulation ___ / on _____, 19____ at a depth of _____ feet
Open Flow: Initial, ___/10ths Water in ___ inches; after tubing, ___/10ths Merc. in ___ inches
Other work commenced _____, 19____; completed _____, 19____
Gas Volume _____ Mcf Oil Volume _____ Bbl.
Rock Pressure _____ psig after _____ hrs.
Fresh water encountered (depths) _____
Salt water encountered (depths) _____
Coal seams encountered (depths) _____

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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									
Coal									Sizes
Intermediate	<u>8 5/8</u>					<u>193</u>	<u>193</u>	<u>120 Bags</u>	
Production									Depths set
Tubing									
Liners									Perforations:
									Top Bottom

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:
Plug down at 9:30 AM

09/15/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

Walter B. Nichols 508
District Oil and Gas Inspector

FORM IV-26
(Reverse)

[08-78]

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

INSPECTOR'S WELL REPORT
ON
PLUGGING

Date: _____, 19____

Operator's
Well No. _____

API Well No. 47 - _____ -
State County Permit

WELL TYPE: Oil ___/ Gas ___/ Liquid Injection ___/ Waste Disposal ___/
(If "Gas", Production ___/ Underground storage ___/ Deep ___/ Shallow ___/)

LOCATION: Elevation: _____ Watershed: _____

District: _____ County: _____ Quadrangle: _____

WELL OPERATOR _____

Address _____

DESIGNATED AGENT _____

Address _____

PLUGGING CONTRACTOR _____

Address _____

SERVICE COMPANIES (NAMES ONLY)

PERMITTED WORK: Plug and abandon ___/ Clean out and replug ___/

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness

Bridge Plugs Used--Type and Depth

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST

TYPE OF RIG:

Owner: Well Op'r ___/ Contractor ___/

Rig time: ___ days plus ___ hours

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

09/15/2023

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

District Oil and Gas Inspector

PENNZOIL COMPANY

601 GRAND CENTRAL AVENUE • VIENNA, WV 26105 • PHONE (304) 422-6565

Mailing Address: P.O. Box 1588, Parkersburg, West Virginia 26102

May 30, 1984

Mr. Ted Streit, Administrator
Oil and Gas Division
Department of Mines
1613 Washington Street, East
Charleston, WV 25311

RECEIVED

MAY 31 1984

OIL & GAS DIVISION
DEPT. OF MINES

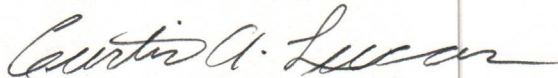
Dear Mr. Streit:

FRACTURE RECORD

Well Name and No:	O. D. Stockly, Well No. 165-F
District: Henry	County: Clay
Permit No.: 47-087-2968-Frac	Completion Date: 3-28-84
Formation Fractured: Top- Big Injun Bottom-	Material: Sand- 3000# 20/40 Fluid- 181 BGW -
Rock Pressure: After Fracture-	Test After Fracture: Oil- 13 BOPD Gas- 10 MCFD

Very truly yours,

PENNZOIL COMPANY



Curtis A. Lucas
Civil Engineering Dept.

1jj

09/15/2023

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

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APR 2 - 1984

INSPECTOR'S WELL REPORT

Permit No. ROA-2968-FRAC.

OIL & GAS DIVISION
Oil or Gas Well
DEPT. OF MINES

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>PENNZOIL Co.</u>	Size			
<u>PARKERSBURG, W.V.</u>	16			Kind of Packer
<u>D. D. STOCKLY</u>	13			
<u>D. D. STOCKLY #165</u>	10			Size of
<u>GEARY</u> County <u>ROANE</u>	8 1/4			
Drilling commenced	6 3/8			Depth set
Drilling completed	5 3/16			
Date shot	3			Perf. top
Initial open flow	2			Perf. bottom
Open flow after tubing	Liners Used			Perf. top
Volume				Perf. bottom
Rock pressure	CASING CEMENTED	SIZE	No. FT.	Date
Oil	NAME OF SERVICE COMPANY			
Fresh water	COAL WAS ENCOUNTERED AT			
Salt water	FEET INCHES FEET INCHES FEET INCHES			

Drillers' Names _____

Remarks: BJ HUGES FRACTURED WELL

WELL IS ON CO. LINE

3/28/84
DATE

Graig Duckworth
INSPECTOR

09/15/2023

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

RECEIVED
OCT 16 1985

INSPECTOR'S WELL REPORT

DIVISION OF OIL & GAS
DEPT. OF ENERGY
Oil or Gas Well (KIND)

Permit No. 087-2968 Spec.

Company Pennzoil Co.
 Address Parkersburg, W. VA.
 Farm O.D. Stockly
 Well No. # 165 - F
 District Seary County Roane
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: 10-10-85 Checked Reclamation - O.K. to release

10-10-85
DATE

Homer H. Roush
DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

ARCH A. MOORE, JR.
 Governor

October 24, 1985

Pennzoil Company
 Post Office Box 1588
 Parkersburg, West Virginia 26101

In Re: Permit No: 47-087-2968-FRAC
 Farm: O. D. Stockly
 Well NO: 165
 District: Geary
 County: Roane
 Issued: 3-13-84

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

The well designated by the above captioned permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under XXXX bond coverage for life of the well.

PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit

TMS/ nw

09/15/2023

A 11



601 GRAND CENTRAL AVENUE • VIENNA, W. VA. 26105 • PHONE (304) 422-6565
Mailing Address: P.O. Drawer 1588, Parkersburg, West Virginia 26101

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JUN 29 1979

OIL & GAS DIVISION
DEPT. OF MINES

June 28, 1979

Mr. R. L. Dodd, Deputy Director
Oil and Gas Division
Department of Mines
1613 Washington Street, East
Charleston, W.V. 25311

Dear Mr. Dodd:

RE: O. D. Stockley Well No. 165
Permit No. 47-087-2968

Drilling commenced on the subject well 6-27-79.

Very truly yours,

PENNZOIL COMPANY

Fritz Gesch Jr.
District Production Superintendent

FG/sgs

cc: Mr. Richard Morris, Inspector
P. O. Box 372,
Grantsville, W.V. 26147

09/15/2023

A12

PS Form 3811, July 1982

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
- Show to whom and date delivered ¢
 - Show to whom, date, and address of delivery .. ¢
2. **RESTRICTED DELIVERY** ¢
(The restricted delivery fee is charged in addition to the return receipt fee.)
- TOTAL \$** _____

3. **ARTICLE ADDRESSED TO:**
J. W. Gandee
Ovapa, WV 25150

4. TYPE OF SERVICE:	ARTICLE NUMBER
<input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED	419 191 536
<input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> COD	
<input type="checkbox"/> EXPRESS MAIL	

(Always obtain signature of addressee or agent)

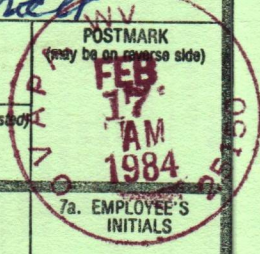
I have received the article described above.
SIGNATURE Addressee Authorized agent

5. *J. W. Gandee*

DATE OF DELIVERY

2-17-84

POSTMARK
(may be on reverse side)



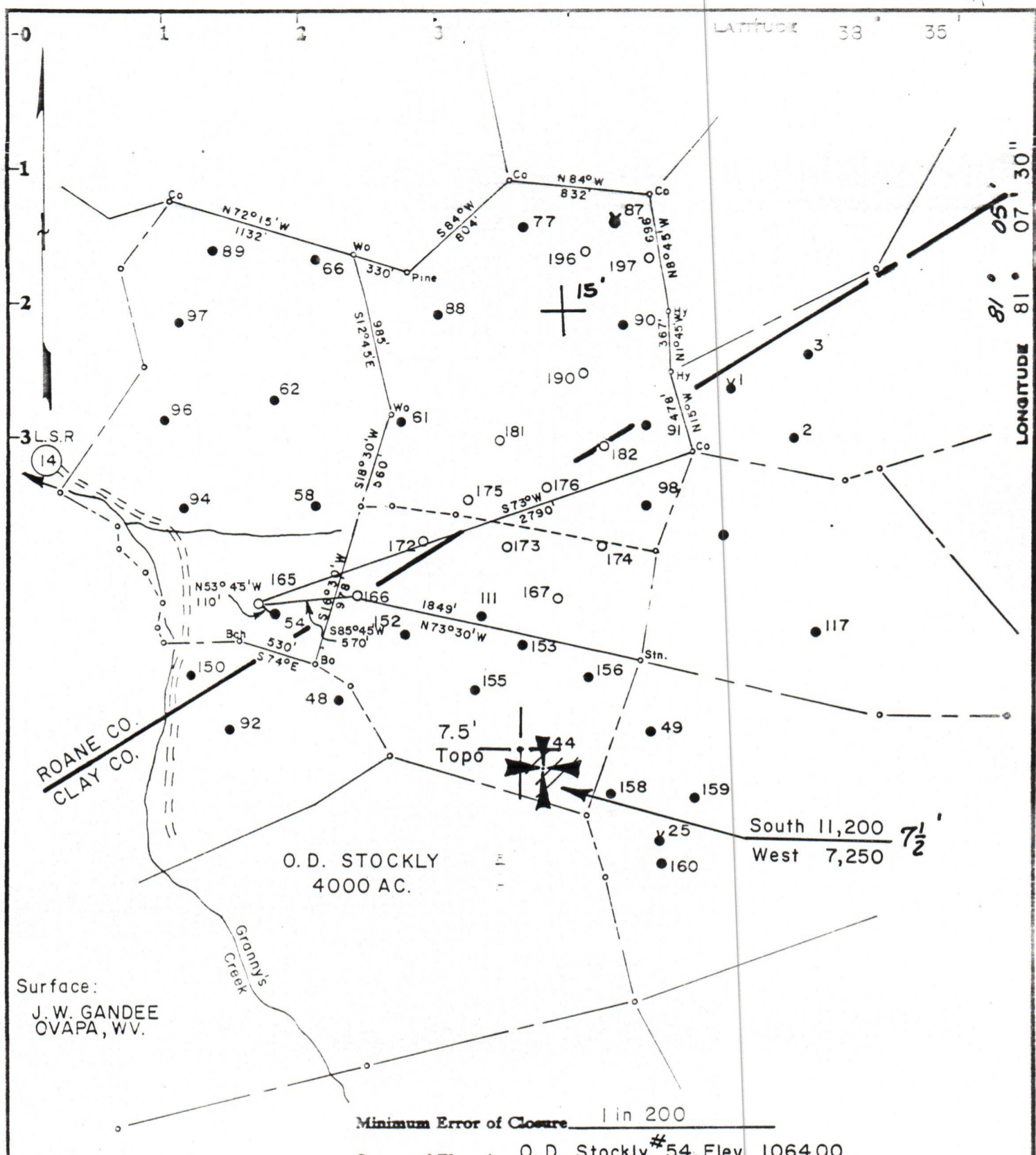
6. ADDRESSEE'S ADDRESS *(Only if requested)*

7. UNABLE TO DELIVER BECAUSE:

7a. EMPLOYEE'S INITIALS

RETURN RECEIPT

4/27/1979



O. D. STOCKLY
4000 AC.

South 11,200
West 7,250 $7\frac{1}{2}'$

Surface:
J. W. GANDEE
OVAPA, WV.

Minimum Error of Closure 1 in 200

Source of Elevation O. D. Stockly #54, Elev. 1064.00

Fracture 3/13/84
 New Location
 Drill Deeper
 Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: *Curtis A. Lucas*

Map No. 83 Squares: N 3 E W 31

Company PENNZOIL COMPANY
 Address P. O. Box 1588, Parkersburg, W. Va. 26101
 Farm O. D. STOCKLY
 Tract Acres 4000 Lease No. 60643-50
 Well Farm No. 165 Serial No. _____
 Elevation (Spirit Level) 1045.89
 Quadrangle NEWTON 7.5', OTTER 15'
 County ROANE District GEARY
 Surveyor CURTIS A. LUCAS
 Surveyor's Registration No. 275
 File No. 640 Drawing No. _____
 Date 4-25-79 Scale 1" = 800

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

WELL LOCATION MAP

FILE NO. 47-087-2968-FRAC.
09/15/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

2044' Injun

BRUNING 44-131 27198