



1) Date: May 15, 19 84
 2) Operator's Well No. Meredith & Hassig #16
 3) API Well No. 47 - 013 - 3736
 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: 889 Watershed: West Fork of Little Kanawha (LK-33)
 District: Lee County: Calhoun Quadrangle: Arnoldsburg 7.5'
- 6) WELL OPERATOR Pennzoil Company
 Address P. O. Box 1588
Parkersburg, WV 26102
- 7) DESIGNATED AGENT James A. Crews
 Address P. O. Box 1588
Parkersburg, WV 26102
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Deo Mace
 Address Route #1-Box 5
Sandridge, W. Va. 25274
- 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, 2400 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

RECEIVED
 MAY 16 1984

OIL & GAS DIVISION
 DEPT. OF MINES

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									
Fresh water	7	H40	17		X	400	400		Kinds
Coal								Cement to surface	<u>NEAT</u>
Intermediate									Sizes
Production	4-1/2	K55	9.5	X		2400	2400	50 sks.	Depths set
Tubing								<u>or as req. by rule 15.01</u>	Perforations:
Liners									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-013-3736 Date June 6, 19 84

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 June 6, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>16388</u>
---	--	-----------------	-------------------	-------------------

T. J. ...
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) DATE: MAY 15 2024

2) OPERATOR: WEST FORK OF THE KANAWHA (K-33)

3) WELL NO.: 10-013-3330

4) APT. WELL NO.: 10-013-3330

5) LOCATION: DISTRICT: 10-013-3330; COUNTY: PUTNAM; WATERSHED: WEST FORK OF THE KANAWHA

6) WELL OPERATOR: FORT COCKEY COMPANY; ADDRESS: P.O. BOX 1582, PARKERSBURG, WV 26102

7) DESIGNATED AGENT: JAMES A. OWENS; ADDRESS: P.O. BOX 1582, PARKERSBURG, WV 26102

8) OIL & GAS INSPECTOR TO BE NOTIFIED: NAME: DSO; ADDRESS: 415 E. BOX 52, PARKERSBURG, WV 26102

9) DRILLING CONTRACTOR: NAME: [Blank]; ADDRESS: [Blank]

10) PROPOSED WELL WORK: [Blank]

11) GEOLOGICAL TARGET FORMATION: [Blank]

12) ESTIMATED DEPTH OF COMPLETED WELL: [Blank]

13) APPROXIMATE TRAIL DEPTH: [Blank]

14) APPROXIMATE COAL SEAM DEPTH: [Blank]

15) CASING AND TUBING PROGRAM: [Blank]

RECEIVED
MAY 16 2024

OIL & GAS DIVISION
DEPT. OF MINES

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: _____

Bound	Asmt	Plan	Casing	Pcc
✓	✓	✓	✓	✓

1) Date: May 15, 1984
2) Operator's Well No. Meredith & Hassig #16
3) API Well No. 47-013-3736
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 Robert Barten
Address Route 3, Box 730
Arnoldsburg, W. Va. 25234
(ii) Name Randall Whytseil
Address Route 3
Arnoldsburg, W. Va. 25234
(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.

RECEIVED
MAY 16 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. **Lease on File - See Permit No. 47-013-3294-Frac**
- 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 **X**

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.

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 15 day of May, 1984.
My commission expires Oct 24, 1989.

Jane M. Beard
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, West Virginia 26102

Telephone 422-6565

05/17/2024

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
-----------------------	-----------------------	---------	-----------

05/17/2024



IV-9
(Rev 8-81)

DATE 5/11/84
WELL NO. MEREDITH HASSIG #16
API NO. 47-013-3736

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 ROBERT BARTON

SOIL CONS. DISTRICT LITTLE KANAWHA
(Agent)

Revegetation to be carried out by HALL'S RECLAMATION INC.

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-14-84

Garrett Newton
(SCD Agent)

RECEIVED
MAY 16 1984

ACCESS ROAD

LOCATION
OIL & GAS DIVISION
DEPT. OF MINES

Structure ROADSIDE DITCH (A)

Structure DIVERSITY (B)

Spacing SEE SKETCH

Material EARTHEN

Page Ref. Manual 2-12

Page Ref. Manual 2-12

Structure CULVERT 12" I.D. (B)

Structure _____ (C)

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 35 lbs/acre

Seed* SAME AS _____ lbs/acre

PERENNIAL RYEGRASS 15 lbs/acre

AREA I _____ lbs/acre

ALSIKE CLOVER 5 lbs/acre

_____ lbs/acre

*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.



POST OFFICE BOX 1588 • PARKERSBURG, WEST VIRGINIA 26102 • (304) 422-6565

May 15, 1984

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

Dear Mr. Streit:

Meredith & Hassig, Well No. 16
Lee District, Calhoun County

Attached are Form IV-2(A), Form IV-2(B), reclamation, original and two prints showing the location of the well, and check in the amount of \$350.00 for permit fee to drill the subject well.

Very truly yours,

PENNZOIL COMPANY

Curtis A. Lucas
Civil Engineering Dept.

CAL/lj
Attachments

xc: Robert Barten
Randall Whytse11
Fritz Gesch, Jr.

RECEIVED
MAY 16 1984
OIL & GAS DIVISION
DEPT. OF MINES

05/17/2024

P 419 - 191 585

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mr. Robert Barton	
Street and No. Route 3, Box 730	
P.O., State and ZIP Code Arnoldsburg, WV 25234	
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	\$ 1.72
Postmark or Date MAY 15 1984	

PS Form 3800, Feb. 1982

P 419 - 191 586

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mr. Randall Whytseil	
Street and No. Route 3	
P.O., State and ZIP Code Arnoldsburg, WV 25234	
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	\$ 1.72
Postmark or Date MAY 15 1984	

PS Form 3800, Feb. 1982



IV-35
(Rev 8-81)

RECEIVED
DEC 6 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date December 4, 1984
Operator's
Well No. 16
Farm Meredith-Hassig
API No. 47 - 013 - 3736

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 889 Watershed West Fork of Little Kanawha River
District: Lee County Calhoun Quadrangle Arnoldsburg 7.5'

COMPANY Pennzoil Company
ADDRESS P.O. Box 1588, Parkersburg, Wv 26101
DESIGNATED AGENT James A. Crews
ADDRESS P. O. Box 1588, Parkersburg, WV 26101
SURFACE OWNER Robert Barton
ADDRESS Route 3, Box 730, Arnoldsburg, WV
MINERAL RIGHTS OWNER Byford H. Stine
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Deo
Mace ADDRESS Rt. 1-Box 5, Sandridge, WV
PERMIT ISSUED 6-6-84
DRILLING COMMENCED 7-15-84
DRILLING COMPLETED 7-19-84

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8			
7	430	430	180 sks.
5 1/2			
4 1/2	2530	2530	140 sks.
3			
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Berea Depth 2440-2468 feet
Depth of completed well 2543 feet Rotary X / Cable Tools
Water strata depth: Fresh 54-114 feet; Salt 1720-1824 feet
Coal seam depths: Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Berea Pay zone depth 2445 feet
Gas: Initial open flow 15 Mcf/d Oil: Initial open flow 31 Bbl/d
Final open flow 15 Mcf/d Final open flow 31 Bbl/d
Time of open flow between initial and final tests hours
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 Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

CAL - 3736

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

Perforated: Berea 2449-56/6H; 2459-64/12H

Fractured: 8-23-84

w/250 gls. 15% HCL, 218 BGW, 2000# 20/40 sd

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay			0	50	
Sand			50	116	
Silt, Sand, Shale			116	1680	
Salt Sand			1680	1820	
Shale			1820	1870	
Little Lime			1870	1907	
Pencil Cave			1907	1930	
Big Lime			1930	2050	
Big Injun			2050	2078	
Pocono Shale			2078	2427	
Coffee Shale			2427	2440	
Berea			2440	2468	
Shale			2468	2543	
Total Depth				2543	

(Attach separate sheets as necessary)

Pennzoil Company
Well Operator
By: Curtis A. Luccan 05/17/2024
Date: 12-4-84

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 coal, encountered in the drilling of a well."

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

RECEIVED

JUL 17 1984

INSPECTOR'S WELL REPORT

Permit No. 13-3736

OIL & GAS DIVISION
DEPT. OF MINES
(KIND)

Company Pennoil
 Address _____
 Farm M. M. Hossig
 Well No. 16
 District See County Cal
 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 5/8			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 C. Hunt 5

Remarks: Rig was to move today; but did not move on.

7-10-84
DATE

[Signature] 03/17/2024
DISTRICT WELL INSPECTOR

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

RECEIVED

JUL 25 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 13-3736

Oil or Gas Well _____
(KIND)

Company Pennoil

Address _____

Farm Meredith - Hassig

Well No. 16

District See County Cal.

Drilling commenced 7-15-84

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 5/8			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 Hunt 3

Remarks:
430' of 7" casing (NEW), 180 SKS cement, Halib. 7-16-84
Good access road constructed, But not as drawn
on ~~access~~ reclamation plan.

7-16-84

DATE

W. S. W. B. 05/17/2024

DISTRICT WELL INSPECTOR



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

RECEIVED
MAR 12 1985

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
December 19, 1984

COMPANY Pennzoil Company
P. O. Box 1588
Parkersburg, West Virginia 26101

PERMIT NO 013-3736
FARM & WELL NO Robert Barton -
Meredith-Hassig #16
DIST. & COUNTY Kee/Calhoun

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

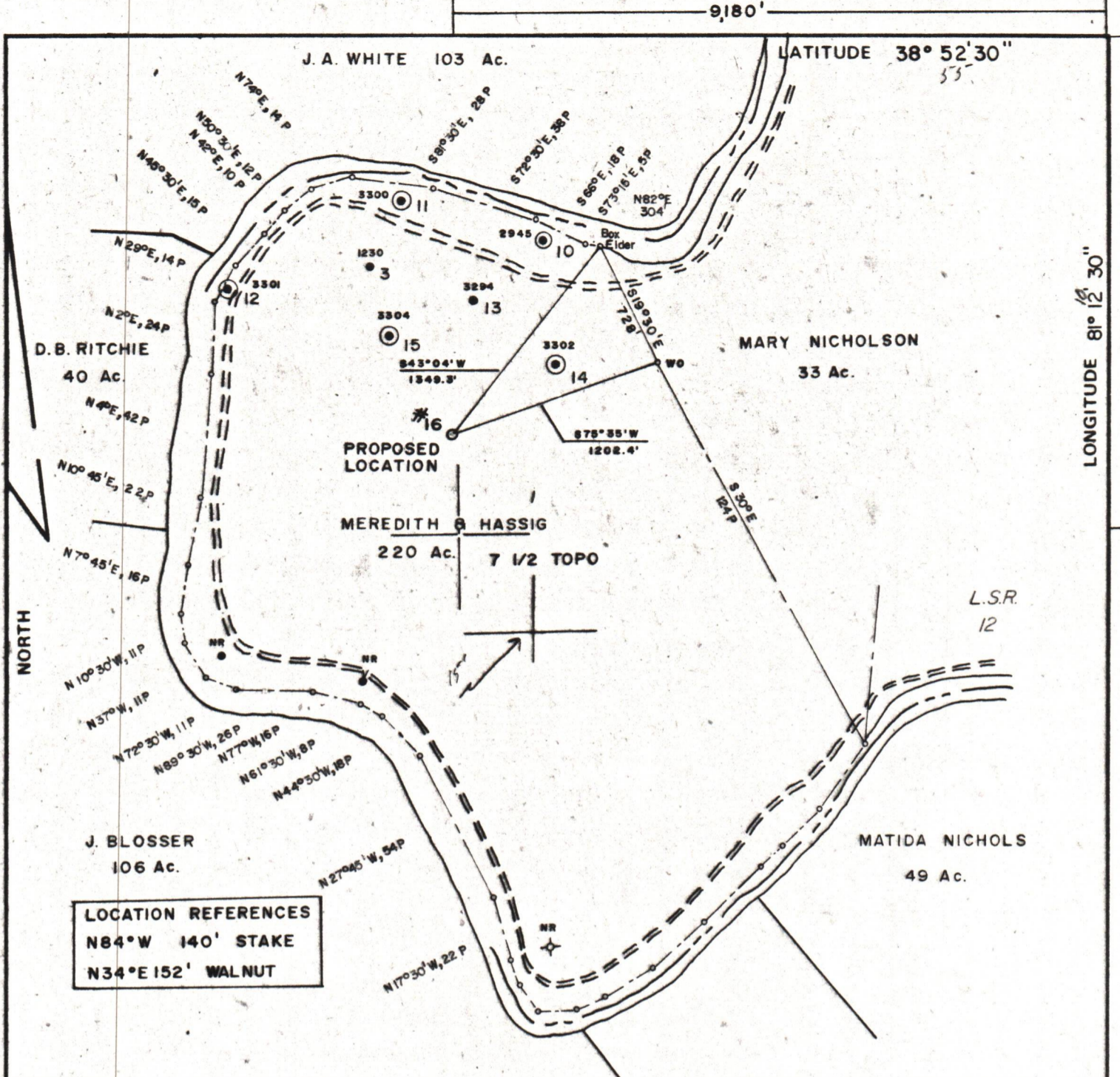
I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Grew Mac
DATE 3.4.85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

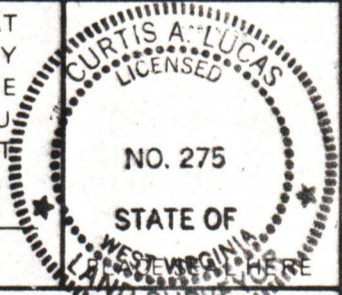
T. H. v. B.
Administrator-Oil & Gas Division

March 13, 1985
DATE



FILE NO. 1674
 MAP 42 Sqs S40 W36
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION MEREDITH & HASSIG
*15-909.52'

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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE MAY 14, 1984
 FARM Meredith & Hassig NO. 16
 API WELL NO. 47-013-3736
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 889' WATER SHED West Fork of Little Kanawha River
 DISTRICT Lee COUNTY Calhoun
 QUADRANGLE Arnoldsburg 7.5
 SURFACE OWNER ROBERT BARTON ACREAGE 27.91
 OIL & GAS ROYALTY OWNER Byford H. Stine LEASE ACREAGE 220 05/17/2024
 LEASE NO. 80680-50
 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 2490'
 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

Calhoun 3736