



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

FEB 17 1981

**Oil and Gas Division OIL & GAS DIVISION
DEPT. OF MINES
OIL AND GAS WELL PERMIT APPLICATION**

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

Surface Owner Edith McDaniel
Address Rt. 1, West Columbia, WV 25287
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator None
Address _____

DATE February 16, 1981
Company Anchor Hocking Corporation
Address P. O. Box 768, Ripley, WV 25271
Farm Edith McDaniel Acres 127
Location (waters) Tennmile Creek
Well No. 1-81-023 Elevation 680
District Robinson County Mason
Quadrangle Cheshire 7.5'

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 10-17-81.

INSPECTOR
TO BE NOTIFIED Kenneth Butcher
ADDRESS R.F.D. 1, Barboursville, WV 25504
PHONE 736-4885

Fred W. Butcher
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 January 10th 1979 by Edith McDaniel made to Carl E. Smith, Inc. and recorded on the 19th day of Jan. 1979 in Mason County, Book 44 Page 535
 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,
(Sign Name) *Thomas P. Sanders*
Thomas P. Sanders Well Operator Mgr., Gas/Oil Prod.
Anchor Hocking Corporation
P. O. Box 768
Street
Ripley,
City or Town
WV 25271
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten (10) days after 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.

BLANKET BOND

47-053 -0245

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by *Thomas P. Sanders*
Thomas P. Sanders, Mgr., Gas/Oil Prod.

Assignment: Carl E. Smith, Inc. to Anchor Hocking Corp. dated Jan. 9, 1980, recorded in Mason Co. dated Jan. 9, 1980, book 47 page 297

08/25/2023

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Smith Drilling Co., Inc. NAME Thomas P. Sanders
 ADDRESS P. O. Box 150 Lawrenceville, IL 62439 ADDRESS P. O. Box 768, Ripley, WV 25271
 TELEPHONE 618/943-2342 TELEPHONE 304/372-5044
 ESTIMATED DEPTH OF COMPLETED WELL: 3700 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 TYPE OF WELL: OIL _____ GAS X 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 - 10 3/4	300	300	125 Sx.
8 - 5/8			
7	1900	1900	125 Sx.
5 1/2			
4 1/2	3700	3700	140 Sx.
3			Perf. Top 2300-3400
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET SALT WATER 1600 FEET
 APPROXIMATE COAL DEPTHS None expected
 IS COAL BEING MINED IN THE AREA? No BY WHOM? N.A.

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.

For Coal Company

Official Title

Date February 11, 1981
Well No. 1-81-023
API No. 47 - 053 - 0245
State County Precinct

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Anchor Hocking Corporation Designated Agent Thomas P. Sanders
Address P. O. Box 768, Ripley, WV 25271 Address P. O. Box 768, Ripley, WV 25271
Telephone 304/372-5044 Telephone 304/372-5044
Landowner Edith McDaniel Soil Cons. District Western

Revegetation to be carried out by Durbin Construction - Tally Well (Agent)

This plan has been reviewed by _____ SCD. All corrections
and additions become a part of this plan. 2-17-81 Lelia Rayburn
(Date) (SCD Agent by ll)

Access Road _____ Location _____
Structure None, well is directly (A)
Spacing off existing farm road.
Page Ref. Manual _____
Structure _____ (B)
Spacing _____
Page Ref. Manual _____
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure Interceptor Channel (1)
Material Soil
Page Ref. Manual 1:10
Structure _____
Material _____
Page Ref. Manual _____
Structure _____
Material _____
Page Ref. Manual _____

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OIL & GAS DIVISION
DEPT. OF MINES

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


Revegetation

Treatment Area I
Lime 1 1/2 Tons/acre
or correct to pH _____
Fertilizer 1/2 lbs/acre
(10-20-20 or equivalent)
Mulch None (cornfield) Tons/Acre
Seed* _____ lbs/acre
_____ lbs/acre
_____ lbs/acre

Treatment Area II
Lime 1 1/2 Tons/Acre
or correct to pH _____
Fertilizer 1/2 lbs/acre
(10-20-20 or equivalent)
Mulch None (cornfield) Tons/Acre
Seed* _____ lbs/acre
_____ lbs/acre
_____ lbs/acre

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

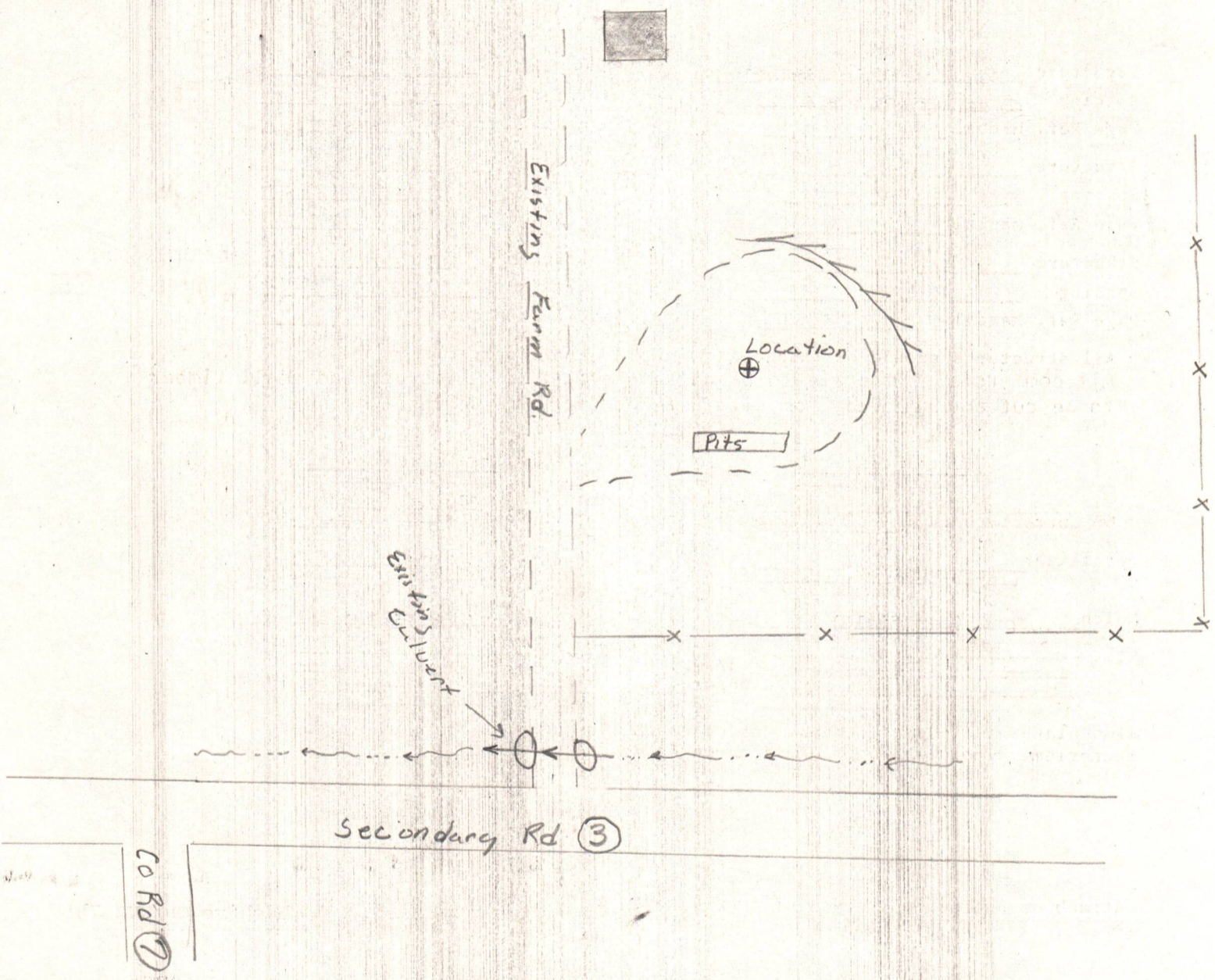
Attach or photocopy section of involved Topographic map. Quadrangle Cheshire OH/WVA 7 1/2'

Legend:  Well Site
 Access Road

08/25/2023

- Legend:
- Property Boundry
 - Road
 - Existing Fence
 - Planned Fence
 - Stream
 - Open Ditch
 - Diversion
 - Spring
 - Wet Spot
 - Building
 - Drain Pipe
 - Waterway

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



Comments: (1) Diversion ditch at location.

There is no timber or brush, as this location is in a cornfield. Pit liners will be used. There is no access road because the well site is directly off an existing farm road. There will be no cut and fill as the location is on flat terrain.

08/25/2023

Signature: Thomas P. Sanders, Manager
 Gas/Oil Production
 Anchor Hocking Corporation

P. O. Box 768
 Ripley, WV 25271

304/372-5044
 Phone Number

Sanders cooperation to protect new seeding for one growing season



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Cheshire 7.5'

Permit No. 47-053-0245

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Anchor Hocking Corporation
Address P. O. Box 768, Ripley, WV 25271
Farm Edith McDaniel Acres 127
Location (waters) Ten Mile Creek
Well No. 1-81-023 Elev. 680
District Robinson County Mason
The surface of tract is owned in fee by _____
Edith McDaniel
Address Route 1, West Columbia, WV 25287
Mineral rights are owned by Same
Address _____
Drilling Commenced 2-17-81
Drilling Completed 2-24-81
Initial open flow 0 cu. ft. _____ bbls.
Final production 84 m cu. ft. per day _____ bbls.
Well open 5½ hrs. before test 430 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 10 3/4 10 3/4	312.90	312.90	125 sx
9 5/8			
8 5/8			
7	1918.40	1918.40	125 sx
5 1/2			
4 1/2	3436.70	3436.70	140 sx
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

HOWCO & BJ Hughes foam frac on 4-2-81 w/395 bbl H₂O; 300 sx 80/100; 450 sx 20/40; 150 sx 10/20 sd; 55 gal Pen-5; 15 gal 15-N; 20 gal ClaSta-B; 10 sx CaCl and 695 mscf nitrogen; BD 1300# ATP 1800#; ATR 12.7 bpm H₂O w/75 quality foam thru 21 0.37" dia holes from 2494' to 3097'

Coal was encountered at None noted Feet _____ Inches _____
Fresh water 150 Feet _____ Salt Water 1802 Feet _____
Producing Sand Devonian Shale Depth 2494 - 3097

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
*All tops are electric log tops.						
Mississippian, Undifferentiated sand and shale			0	1802	sw	
Berea	White-gray	soft	1802	1832	sw	
Devonian shale	Brown-black	soft	1832	3449	ssg	
Total Depth			3449			

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OIL & GAS DIVISION
DEPT. OF MINES

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Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks

DEPT. OF MINES
 OIL & GAS DIVISION
 1981

08/25/2023

Date June 17 1981

APPROVED *Thomas P. Sanders* Owner
 Thomas P. Sanders, Mgr., Gas/Oil Production
 ANCHOR HOCKING CORPORATION

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

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INSPECTOR'S WELL REPORT

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

Permit No. 47-053-0245

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
<u>Anchor Hoeking</u>	Size			
<u>Stipley, W. Va.</u>	16			Kind of Packer
<u>Edith McDaniel</u>	13			
Well No. _____	10			Size of _____
District <u>Robinson County Mason</u>	8 1/4			
Drilling commenced <u>2-17-81</u>	6 3/4			Depth set _____
Drilling completed <u>2-25-81</u> Total depth <u>3700 app.</u>	5 3/16			Perf. top _____
Date shot _____ Depth of shot _____	3			Perf. bottom _____
Initial open flow <u>no test on gas</u> /10ths Water in _____ Inch	2			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. bottom _____
Volume _____ Cu. Ft.	CASING CEMENT _____ Date _____			
Rock pressure _____ lbs. _____ hrs.	NAME OF _____			
Oil _____ bbls., 1st 24 hrs.	COAL _____			
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				



Drillers' Names Bill Perry
Contr. Lee Smith

Remarks: _____

2-28-81
DATE

E. Butcher
INSPECTOR

08/25/2023

503

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ hereby certify I visited the above well on this date.

DATE

08/25/2023
 _____ INSPECTOR

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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 47-053-0245

Oil or Gas Well _____
KIND

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
<u>Anchor Hocking</u>	Size			
<u>Ripley, W. Va.</u>	16			Kind of Packer _____
<u>Edith McDaniel</u>	13			
<u>1</u>	10			
<u>Robinson County, Mas...</u>	8 1/2	<u>10 3/4 300' Cemented to surface by Haliburton</u>		
<u>2-17-81</u>	6 1/2	<u>Play down 2' 00" 1 1/4</u>		
<u>Run 10 3/4" pipe at 300'</u>	5 3/16			
<u>300'</u>	3			Perf. top _____
	2			Perf. bottom _____
				Perf. top _____
				Perf. bottom _____

Drillers' Names Bill Perry
Conrs. Lee Smith Inc.
 Remarks:

3-18-81
DATE

K.E. Butcher
503
08/25/2023

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED SIZE LOST

Drillers' Names _____

Remarks: _____

_____ hereby certify I visited the above well on this date.
 DATE _____

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

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OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 053 245

Oil or Gas Well _____
(KIND)

Company <u>Anchor Hobkirk</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>McDaniel</u>	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>Mason</u>	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: no member cannot release

1/10/84
DATE

Jerry M. Teph...
08/25/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

08/25/2023

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

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 OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 053 0245 County Mason
 Company Anchor Hocking Farm Edith McDaniel
 Inspector JMT Well No. 1-81-023
 Date 3 5 84

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 Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

COMMENTS: _____

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: *Jerry M. Tophalock*
 DATE: 3.5 84

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1921

OIL & GAS DIVISION

DEPT. OF MINES

08/25/2023



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

WALTER N. MILLER
 DIRECTOR

THEODORE M. STREIT
 ADMINISTRATOR

March 21, 1984

Anchor Hocking Corporation
 109 North Broad Street
 Lancaster, Ohio 43130

In Re: PERMIT NO: 47-053-0245
 FARM: Edith McDaniel
 WELL NO: 1-81-023
 DISTRICT: Robinson
 COUNTY: Mason
 ISSUED: 2-7-81

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 permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who 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 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator
 Office of Oil & Gas - Dept. Mines

TMS/ rl

08/25/2023

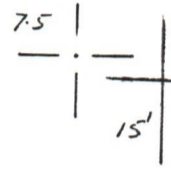
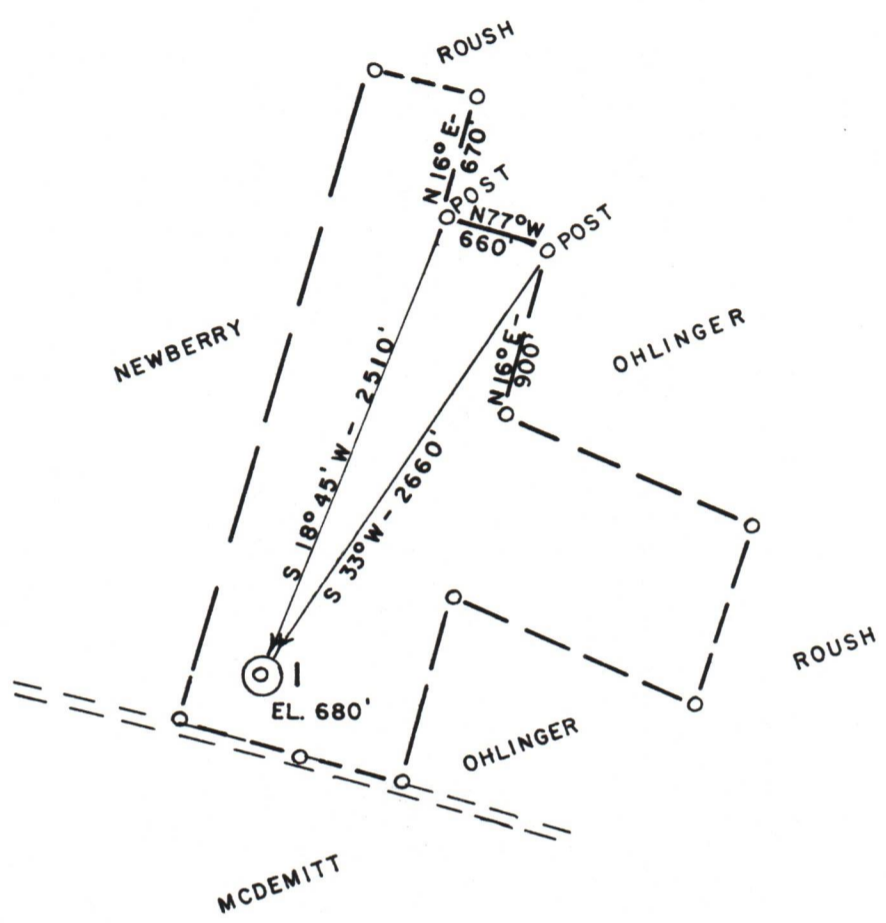
pl 4/17

←1480' W →

Latitude 38° 57' 30"
39° 00' ↑

Longitude 82° 00' 00"

9000' SOUTH

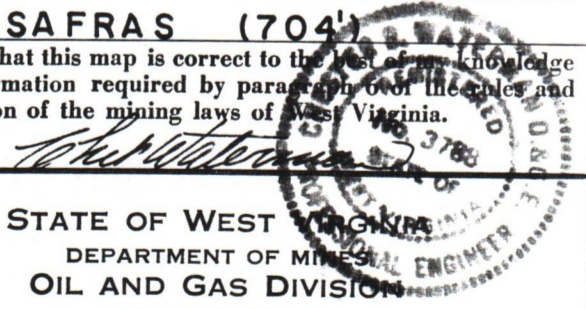


ACCURACY: 1/200

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill
- Other

Formation SHALE Oil
 Est. Depth 3800' Gas
 Other

Source of Elevation SASSAFRAS (704')
 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 6001 of the codes and regulations of the oil and gas section of the mining laws of West Virginia.



Company ANCHOR HOCKING
 Address RIPLEY, WV
 Surface Owner EDITH MCDANIEL
 Mineral Owner " "

Well No. 1 Acres 127
 Elevation 680' *PP 15'*
 Quadrangle CHESHIRE Series 7.5
 County MASON District ROBINSON
 Date 2/6/81 Scale 1" = 1000'

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

WELL LOCATION MAP 08/25/2023
47 - 053 - 0245
 STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788 File No. 81-042

Duv. shale 3700'