



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
NOV 14 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 24, 1980

Surface Owner Mr. Walter B. Smith
Address Smithfield, WV 26437
Mineral Owner Mr. and Mrs. Rex Smith
Address Smithfield, WV 26437
Coal Owner Consolidation Coal Co., Northern
West Virginia Region
Address P.O. Box 1314, Morgantown, WV 26505
Coal Operator _____
Address _____

Company U.S. Department of Energy
Address P.O. Box 880, Morgantown, WV 26505
Farm Walter B. Smith Acres 15
Location (waters) Pickenpaw Run
Well No. Smith-DOE-C-5 Elevation 1047.80
District Grant County Wetzel
Quadrangle Glover Gap (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 7-24-81.

Phil Tracy (758-4573)

[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~~ research purposes having fee title thereto, (or as the case may be) under cooperative agreement dated 14 June 19 74 by Consolidation Coal Co. Continental Oil Co. made to The U.S. of America and recorded on the Fourth day of March 19 77, in Wetzel County, Book Miscellaneous #45 Page 173
XXX 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.

Very truly yours,
(Sign Name) *[Signature]*
Well Operator

Address of Well Operator Morgantown Energy Technology Center Street
P.O. Box 880, Morgantown City or Town
West Virginia 26505 State

09/08/2023

*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.

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

PROPOSED WORK ORDER TO xxx DRILL _____ DEEPEN _____ FRACTURE-STIMULATE
DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
NAME Henry Y. Hall Drilling and Dozer Services NAME J. W. Martin
ADDRESS Glendon, WV 26626 ADDRESS P.O. Box 880, Morgantown, WV 26505
TELEPHONE 304/364-5652 TELEPHONE 304/599-7447
ESTIMATED DEPTH OF COMPLETED WELL: 915 ft. ROTARY _____ CABLE TOOLS _____
PROPOSED GEOLOGICAL FORMATION: Pittsburgh Coal
TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
RECYCLING _____ WATER FLOOD _____ OTHER x

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			
<u>7</u>	200 feet	200 feet	Surface to 200 feet
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40 FEET _____ SALT WATER _____ FEET _____
APPROXIMATE COAL DEPTHS 900 feet _____
IS COAL BEING MINED IN THE AREA? No 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 Consolidation 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 Consolidation 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.

Donald D. Bom 09/08/2023
For Coal Company
Senior Mining Engineer
Official Title

Locate and show (1) Well Location (2) Access Road (3) Well Site (4) Drilling Pit and (5) Necessary Drainage Features.



COMPANY NAME U.S. Department of Energy PERMIT NO. _____
 FARM Walter B. Smith DISTRICT Grant COUNTY Wetzel

STATEMENT OF RECLAMATION PLAN:

Not to scale; drawing of all roads, locations, ditches, drains, pits, silt traps, etc.

The proposed well, C-5, is located in the area designated below:

The area in which the U.S. Government, Continental Oil Co., and Consol Coal Co. is conducting underground coal gasification research is outlined on the enlarged section of the Glover Gap Quadrangle. It is located near headwaters of Pickenpaw Run. The area varies from 55 to 75 feet wide and is about 500 feet long. This area is bounded on the north by a small stream and has been ditched

for drainage along the south boundary at the base of a cut bank. The entire area has been covered with limestone. The cut bank and stream banks have been seeded and are now grass covered. The pit for the well will be a portable steel tank. When the well is completed, the tank and cuttings will be removed, and the area reclaimed, and limestone replaced wherever disturbed by the drilling operation. The grass covered banks should not be disturbed, but if so, they will be reseeded.

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OIL & GAS DIVISION
 DEPT. OF MINES

This plan was observed and agreed upon between the well operator, contractor, and the district oil and gas inspector.

Phil Tracy
 Please indicate (X) "YES" if the district inspector was present. contacted. 09/08/2023

Submitted by *Q. B. Tracy* Title Director, METC Date October 29, 1980

A-5

Date November 20 1980
 Well No. Smith-DOE-C5
 API No. 47 - 103 - 1207
 State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name U.S. Department of Energy Designated Agent J. W. Martin
 Address Morgantown, WV 26505 Address Morgantown, WV 26505
 Telephone (304)599-7447 Telephone (304)599-7447
 Landowner Mr. Walter B. Smith Soil Cons. District Upper Ohio

Revegetation to be carried out by U.S. Department of Energy (Agent)

This plan has been received by Upper Ohio SCD. All corrections
 and additions become a part of this plan. 11/21/80 Rennette L. Mason
 (Date) (SCD Agent)

Access Road		Location	
Structure	<u>N/A</u> (A)	Structure	<u>N/A</u> (1)
Spacing	<u> </u>	Material	<u> </u>
Page Ref. Manual	<u> </u>	Page Ref. Manual	<u> </u>
Structure	<u> </u> (B)	Structure	<u> </u> (2)
Spacing	<u> </u>	Material	<u> </u>
Page Ref. Manual	<u> </u>	Page Ref. Manual	<u> </u>
Structure	<u> </u> (C)	Structure	<u> </u> (3)
Spacing	<u> </u>	Material	<u> </u>
Page Ref. Manual	<u> </u>	Page Ref. Manual	<u> </u>

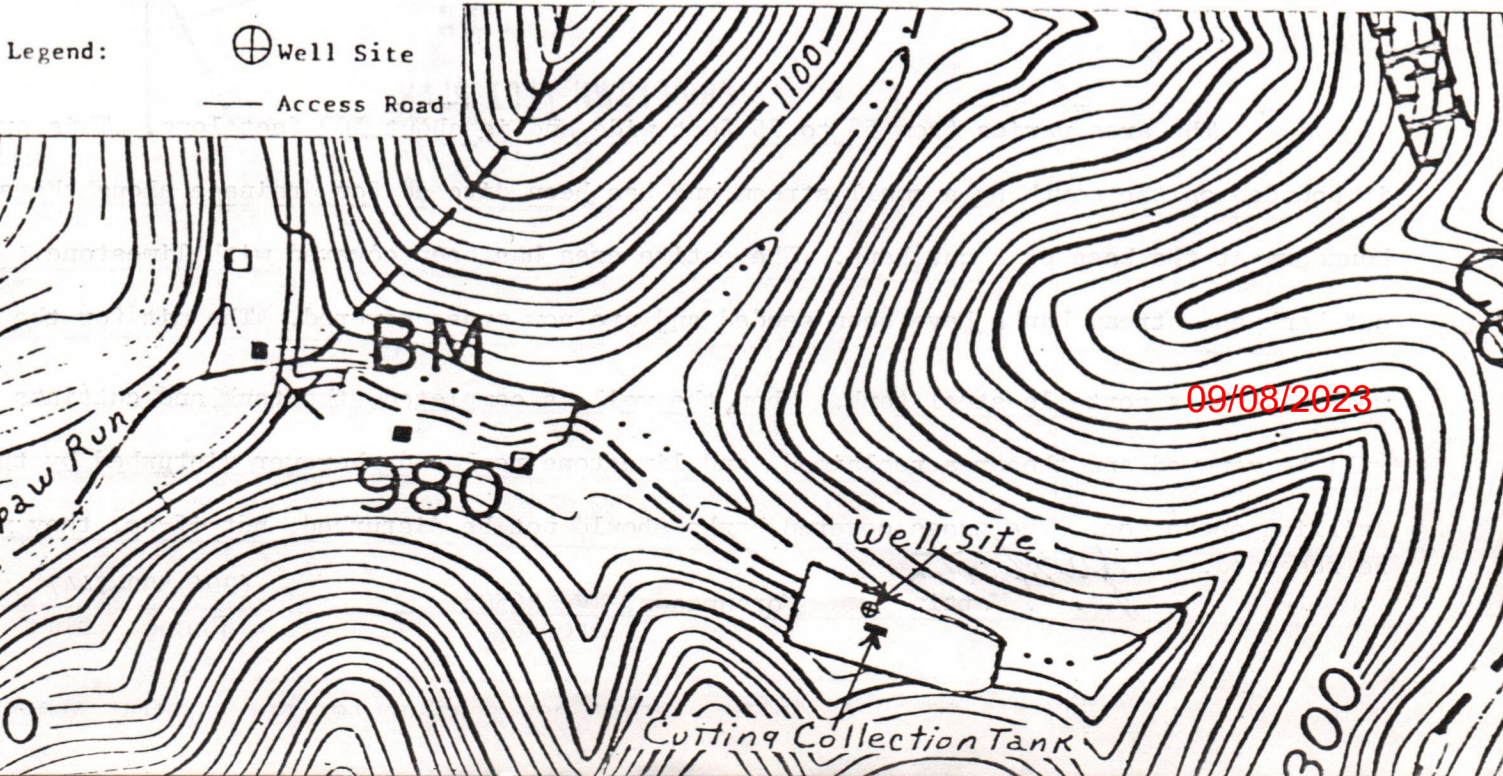
All structures should be inspected regularly and repaired if necessary.

Revegetation

Treatment Area I		Treatment Area II	
Lime	<u> </u> Tons/acre	Lime	<u>N/A</u> Tons/Acre
or correct to pH	<u>6.5</u>	or correct to pH	<u> </u>
Fertilizer	<u>500</u> lbs/acre	Fertilizer	<u> </u> lbs/acre
	(10-20-20 or equivalent)		(10-20-20 or equivalent)
Mulch	<u>2 hay</u> Tons/Acre	Mulch	<u> </u> Tons/Acre
Seed*	<u>Ky. 31 fescue 35</u> lbs/acre	Seed*	<u> </u> lbs/acre
	<u>Red Top 5</u> lbs/acre		<u> </u> lbs/acre
	<u> </u> lbs/acre		<u> </u> 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 Glover Gap



A-6

Well Site Plan

- Legend:
- Property Boundary
 - 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.



PRICETOWN PLOT PLAN

Comments: The area varies from 55 to 75 feet wide and is about 500 feet long. This area is bounded on the north by a small stream and has been ditched for drainage along the south boundary at the base of a cut bank. The entire area has been covered with limestone. The cut bank and stream banks have been seeded and are now grass covered. The pit for the well will be a portable steel tank. When the well is completed, the tank will be removed and the area reclaimed, and limestone replaced wherever disturbed by the drilling operation. The grass covered banks should not be disturbed, but if so, they will be reseeded.

09/08/2023

Signature: *J. W. Martin* J. W. Martin Morgantown, WV 26505 (304) 599-7447
 Address Phone Number

... cooperation to protect new seeding for one growing season.

B-1



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

Rotary [X] Spudder [] Cable Tools [] Storage []

103-1207

WELL RECORD

Oil or Gas Well Core (KIND)

Permit No. 471031207

Company U.S. DOE, Morgantown Energy Technology Ctr. Address Morgantown, West Virginia 26505. Farm Walter B. Smith Acres. Location (waters) C-5 Well No. C-5 Elev. District Grant County Wetzel. The surface of tract is owned in fee by Walter B. Smith Address Pricetown, WV. Mineral rights are owned by Consolidated Coal Address. Drilling commenced 12-23-80 Drilling completed 12-29-80 Date Shot. From. To. With. Open Flow /10ths Water in. Inch /10ths Merc. in. Inch Volume Cu. Ft. Rock Pressure lbs. hrs. Oil bbls., 1st 24 hrs. WELL ACIDIZED (DETAILS). WELL FRACTURED (DETAILS). RESULT AFTER TREATMENT (Initial open Flow or bbls.). ROCK PRESSURE AFTER TREATMENT HOURS. Fresh Water Feet Salt Water Feet Producing Sand Depth.

Table with columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Rows include sizes like 16, 13, 10, 8 1/4 7", 6 5/8, 5 3/16, 4 1/2, 3, 2 and packer details like Kind of Packer, Size of, Depth set, Perf. top, Perf. bottom.

Attach copy of cementing record. CASING CEMENTED 7" SIZE 200 No. Ft. 12-23-80 Date Amount of cement used (bags) 50 Name of Service Co. Halliburton COAL WAS ENCOUNTERED AT 395 FEET 48 INCHES 472 FEET 24 INCHES 525 FEET 36 INCHES 793 FEET 36 INCHES 901 FEET 84 INCHES

Table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth, Remarks. Rows list geological formations like soil, shale, sandstone, siltstone, limestone, coal with their respective depths.

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09/08/2023

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

Date 5-18 1981 09/08/2023

APPROVED Ag Liberatore Owner

By UCG Project Manager
(Title)

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

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NOTICE OF INTENTION TO PLUG AND ABANDON WELL
(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)
OIL & GAS DIVISION
DEPT. OF MINES

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

_____	U.S. Department of Energy
Coal Operator	Name of Well Operator
_____	P.O. Box 880, Morgantown, WV 26505
Address	Complete Address
Consolidation Coal Company	October 24, 1980
Coal Owner	Date
Northern West Virginia Region	WELL TO BE ABANDONED
P.O. Box 1314, Morgantown, WV 26505	Grant
Address	District
Mr. Walter B. Smith	Wetzel
Lease or Property Owner	County
Smithfield, WV 26437	Well No. Smith-DOE-C-5
Address	Walter B. Smith
	Farm

Inspector _____ Telephone _____

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence on or about November 10, 1980

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations. 08/08/2023

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.

47-103-1207-P

Permit Number

AFFIDAVIT, FORM OG-8, MANNER WELL PLUGGED MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

B-9

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

Neat Cement - 900 feet (Pittsburgh Coal) to surface

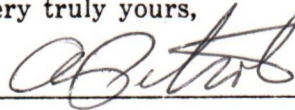
To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

**IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.**

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,



Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

24th day of Nov, 1980.

DEPARTMENT OF MINES **09/08/2023**
Oil and Gas Division

By: 

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.

B.17

FORM OG-8

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT. ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER
ADDRESS
Consolidation Coal Company
COAL OPERATOR OR OWNER
ADDRESS
Northern West Virginia Region
P. O. Box 1314, Morgantown W.V.
ADDRESS
Mr. Walter B. Smith
LEASE OR PROPERTY OWNER
ADDRESS
Smithfield, W. Va. 26437
ADDRESS

U. S. Dept. of Energy
NAME OF WELL OPERATOR
P. O. Box 880, Morgantown, W. V.
COMPLETE ADDRESS
January 30 19 81
WELL AND LOCATION
Grant District
Wetzel County
Well No. C-5
Walter B. Smith Farm

STATE INSPECTOR SUPERVISING PLUGGING. Phil Tracy

AFFIDAVIT

STATE OF WEST VIRGINIA, }
County of Wetzel } SS:

Monsanto Research Corp. and Henry Y. Hall Drilling
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by U. S. Dept. of Energy, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 29 th day of January, 19 81, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSG PULLED	CSG LEFT IN
FORMATION 0-875	Portland cement (class A)	XXXXXXXXXX		200'
COAL SEAMS	DESCRIPTION OF MONUMENT			
(NAME)				
(NAME)				
(NAME)				
(NAME)				

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DEPT. OF MINES

and that the work of plugging and filling said well was completed on the 29 th day of January, 19 81.

And further deponents saith not.

Henry Y. Hall

Sworn to and subscribed before me this _____ day of _____, 19 ____.

09/08/2023

My commission expires: _____

Notary Public.
Permit No. WET-626-P

103-1207-P

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DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

MAR 15 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 103-1207-R

Oil or Gas Well _____
(KIND)

Company U.S. D.O. E.
 Address Morgantown W.Va.
 Farm Walter B Smith
 Well No. C Five
 District Grant County Welzel
 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 _____

Remarks: Final Inspection accepted

3-12-82

R.A. Lowther 512
09/08/2023

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: _____

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

09/08/2023

 DISTRICT WELL INSPECTOR

B-12



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

THOMAS E. HUZZEY
DEPUTY DIRECTOR

April 1, 1982

U. S. Department of Energy
P. O. Box 880
Morgantown, W. Va. 26505

IN RE: PERMIT NO. WET-1207-P
FARM Walter B. Smith
WELL NO. C-5
DISTRICT Grant
COUNTY Wetzel

Gentlemen:

The final inspection report for the above described well has been received in this office. Only the column checked below applies.

XXXXXX 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 your 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,

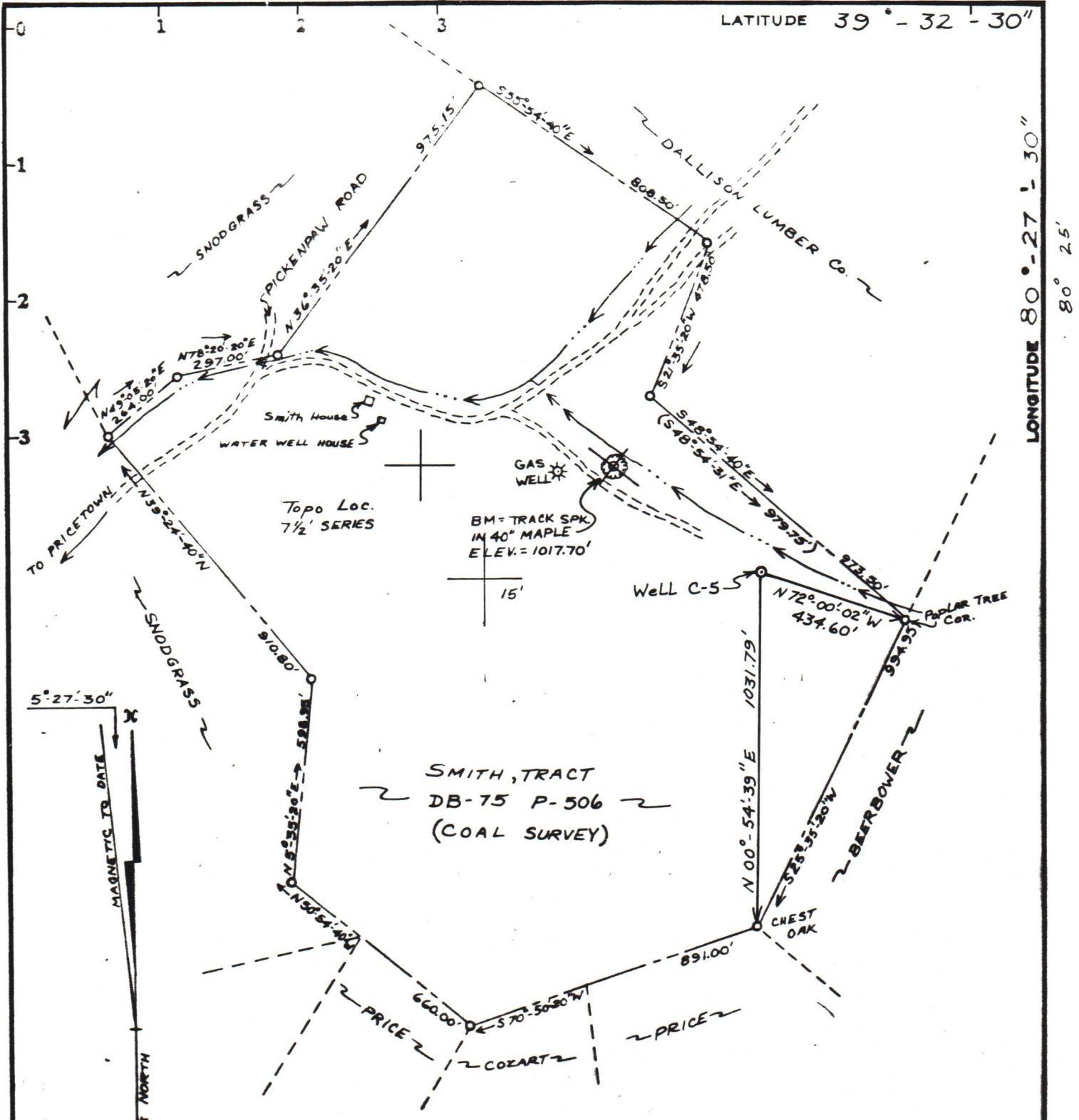
Thomas E. Huzzey

TEH/rl

09/08/2023

Cl 1/1-150

39° 35'



Minimum Error of Closure LESS THAN 1 IN 7,200

Source of Elevation U.S.G.S. BM #165 RHP ON PICKENPAW RUN ROAD

ELEVATION = 980 (979.89)

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: *C.D. Locke*
Squares: N S E W

Fracture
New Location
Drill Deeper
Abandonment

Map No.

Company	U.S. DEPARTMENT OF ENERGY
Address	P.O. BOX 880, MORGANTOWN, W.V. 26505
Farm	WALTER B. SMITH
Tract	Acres 15 Lease No.
Well (Farm) No.	C-5 Serial No.
Elevation (Spirit Level)	1047.80
Quadrangle	GLOVER GAP, W.V. (7.5') <i>Mannington</i>
County	WETZEL District GRANT
Surveyor	C.D. LOCKE
Surveyor's Registration No.	6981 O. & G.E.
File No.	Drawing No.
Date	OCTOBER 24, 1980 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. 103-12.09/08/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to , latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.