



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

Company U.S. Department of Energy

Address Smithfield, WV 26437

Address P.O. Box 880, Morgantown, WV 26505

Mineral Owner Mr. and Mrs. Rex Smith

Farm Walter B. Smith Acres 15

Address Smithfield, WV 26437

Location (waters) Pickenpaw Run

Coal Owner Consolidation Coal Co., Northern

Well No. Smith-DOE-C-3 Elevation 1051.05

Address West Virginia Region, P.O. Box 1314

District Grant County Wetzel

Coal Operator _____

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)

Deputy Director - Oil & Gas Division

GENTLEMEN:

research purposes

The undersigned well operator is entitled to drill upon the above named farm or tract of land for ~~oil and gas~~ ^{cooperative agreement} having fee title thereto, (or as the case may be) under ~~grant or lease~~ dated 14 June 19 74 by Consolidation ^{Coa} _{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 #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) _____
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.

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 feet ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Pittsburgh Coal
 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			
⑦	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 _____
 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.

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

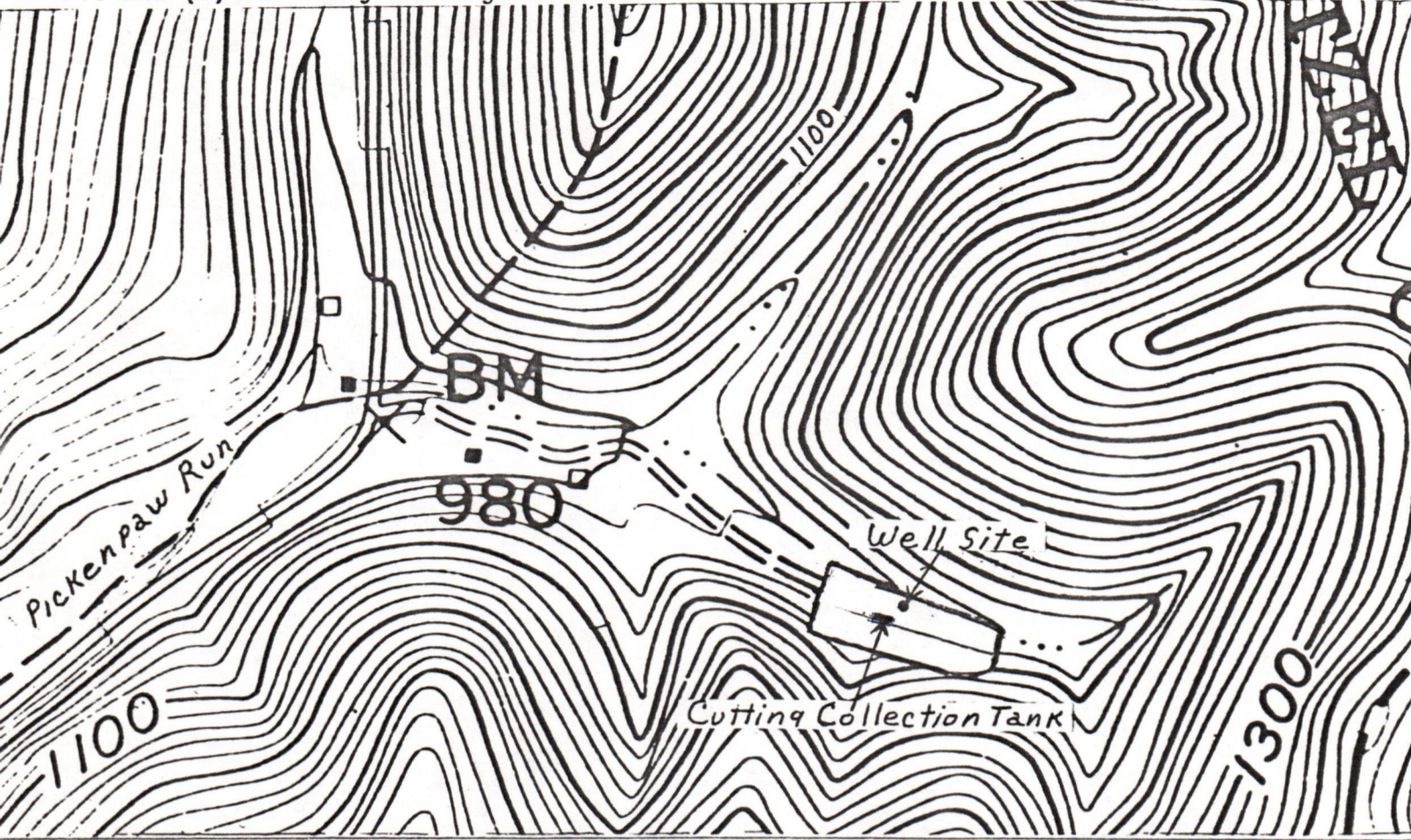
RECLAMATION PLAN

WELL NO. C-3

QUADRANGLE Glover Gap (7.5')

SCALE About 1" 500'

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.

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OIL & GAS DIVISION
DEPT. OF MINES

The proposed well, C-3, 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.

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

Phil Tracy

09/08/2023

Please indicate (X) "YES" if the district inspector was present. contacted.

Submitted by *Phil Tracy* Title Director, METC Date October 29, 1980

A-5

Date November 20 1980
 Well No. Smith-DOE-C3
 API No. 47 - 103 - 1205
 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 Kenneth L. Mason
 (Date) (SCD Agent)

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

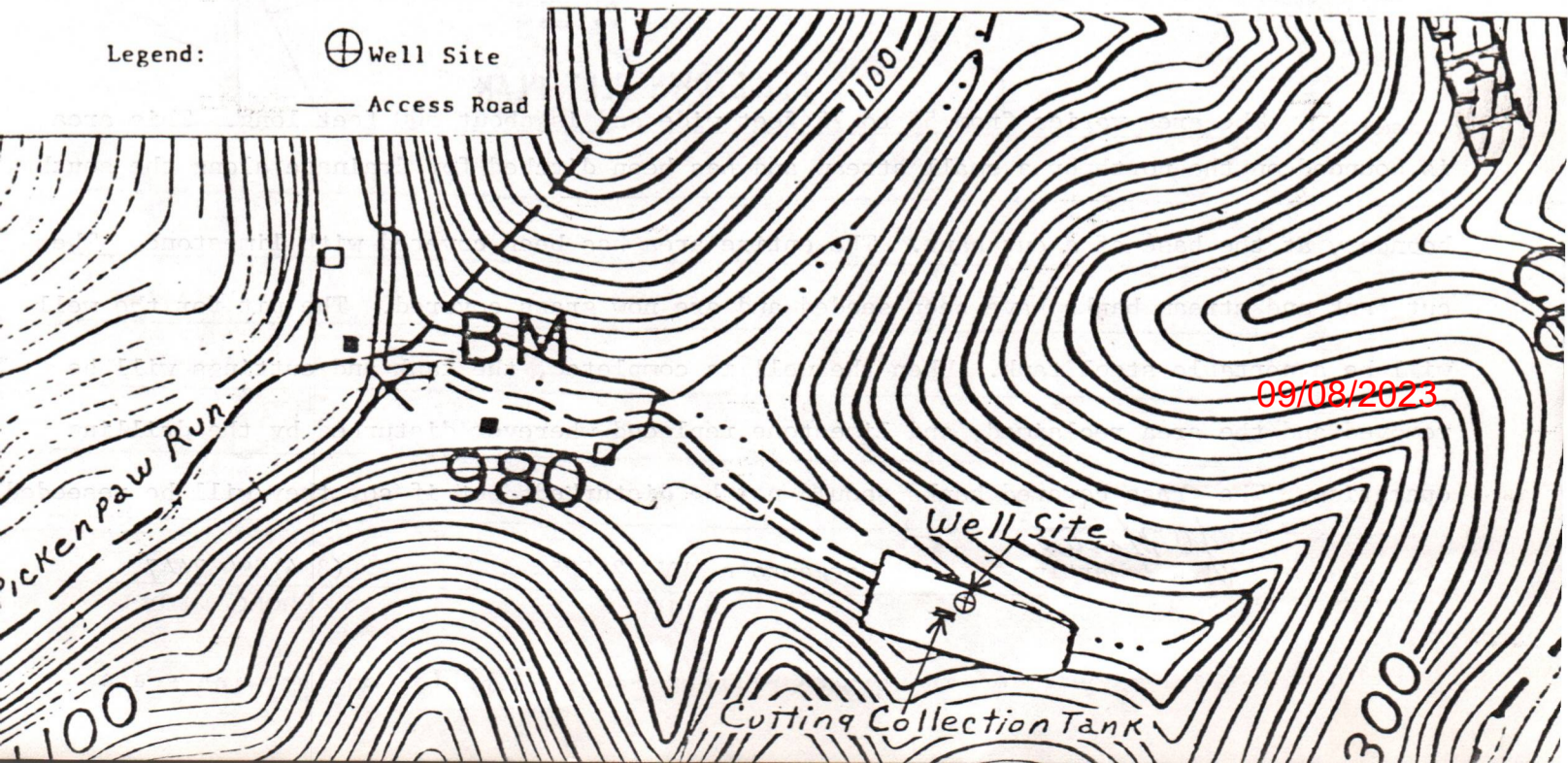
Revegetation

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

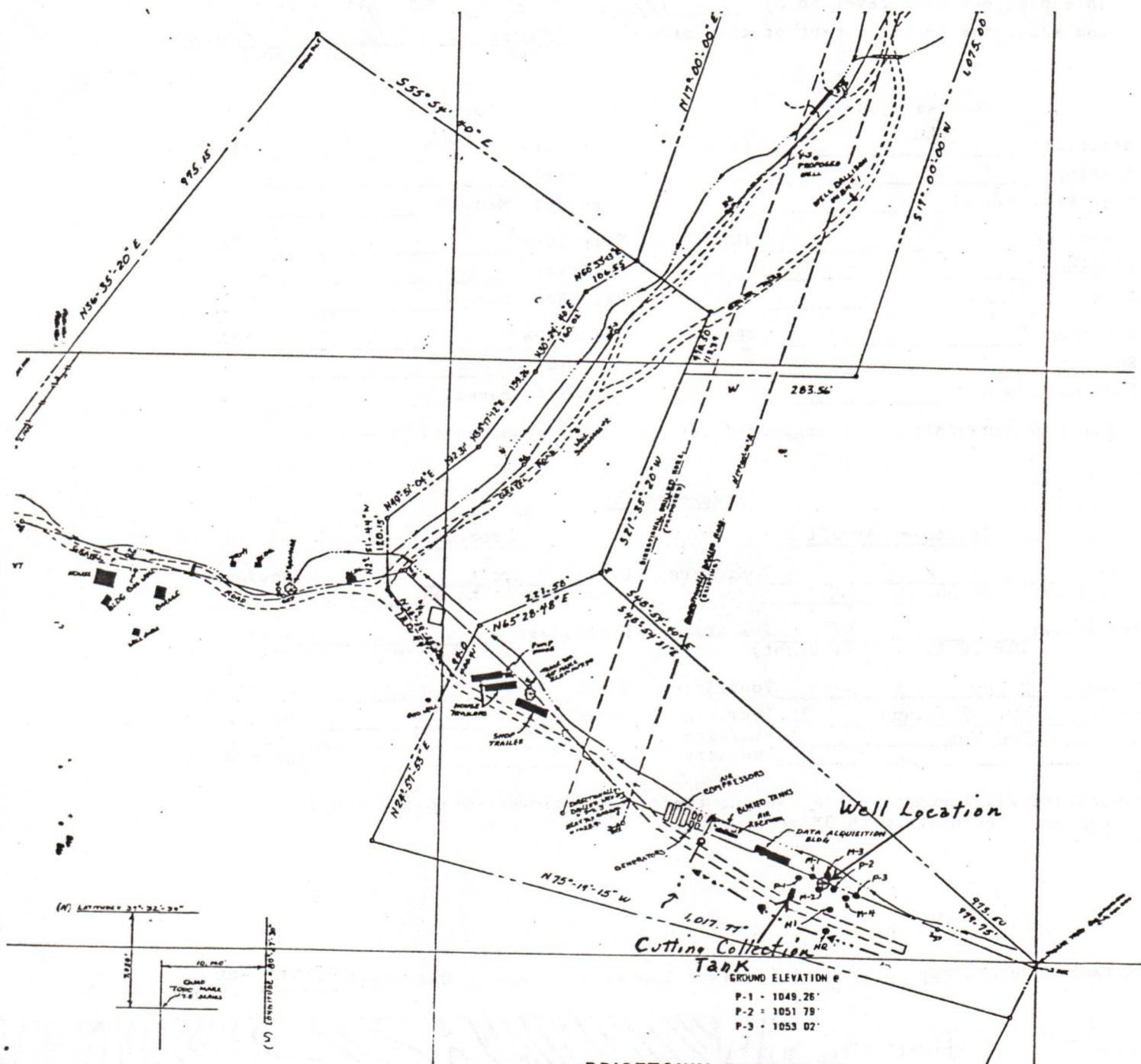
Legend:  Well Site
 Access Road



A-6

- 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 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.

09/08/2023

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

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



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

Rotary
Spudder
Cable Tools
Storage

103-1205

WELL RECORD

Quadrangle.....

Permit No. 471031205

Oil or Gas Well Core (KIND)

Company U.S. DOE, Morgantown Energy Technology Ctr.
Address Morgantown, West Virginia 26505
Farm Walter B. Smith Acres.....
Location (waters).....
Well No. C-3 Elev.....
District Grant County Wetzell
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 12-18-80
Drilling completed 12-19-80
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).....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	20'		Size of
8 1/4 7"	200'	200'	Depth set
6 3/4			
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED 7" SIZE 200 No. Ft. 12-18-80 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

RESULT AFTER TREATMENT (Initial open Flow or bbls.).....
ROCK PRESSURE AFTER TREATMENT..... HOURS.....
Fresh Water..... Feet..... Salt Water..... Feet.....
Producing Sand..... Depth.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
soil			0	10			
shale			10	65			
sandstone			65	70			
shale			70	105			
sandstone			105	109			
shale			109	147			
sandstone			147	154			
siltstone-shale			154	200			
siltstone-calcareous			200	212			
siltstone			212	218			
shale			218	224			
siltstone-shale			224	250			
shale & limestone			250	360			
silty sandstone			360	366			
shale			366	395			
coal			395	399			
shale-siltstone			399	472			
coal			472	474			
shale			474	513			
sandstone			513	525			
coal			525	528			
shale-limestone			528	793			
coal			793	796			
shale-limestone			796	901			
coal			901	908			
shale			908	926			

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

Date 5-18 ~~09/08/2023~~

APPROVED A. G. Liberatore Owner

By VCG 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 _____ District
Address	Wetzel _____ County
Mr. Walter B. Smith	Well No. Smith-DOE-C-3
Lease or Property Owner	Walter B. Smith _____ Farm
Smithfield, WV 26437	
Address	
Inspector Phil Tracy (758-4573)	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.

09/08/2023

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.

47-103-1205-P

Permit Number

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

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

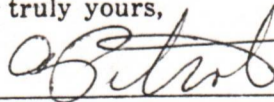
To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

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
Oil and Gas Division

09/08/2023

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.

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.

<p>COAL OPERATOR OR OWNER</p> <hr/> <p>ADDRESS</p> <p>Consolidation Coal Company</p> <p>COAL OPERATOR OR OWNER</p> <p>Northern West Virginia Region</p> <p>ADDRESS</p> <p>P. O. Box 1314, Morgantown, W. Va.</p> <p>LEASE OR PROPERTY OWNER</p> <p>Mr. Walter B. Smith</p> <p>ADDRESS</p> <p>Smithfield, W. Va. 26437</p> <p>ADDRESS</p>	<p>U. S. Dept. of Energy</p> <p>NAME OF WELL OPERATOR</p> <p>P. O. Box 880, Morgantown, W. Va.</p> <p>COMPLETE ADDRESS</p> <p>January 30 1981</p> <p>WELL AND LOCATION</p> <p>GRANT District</p> <p>Wetzel County</p> <p>Well No. C-3</p> <p>Walter B. Smith Farm</p>
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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, 1981, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED	CASING	
			FEET PULLED	FEET LEFT IN
0-882	Portland cement (class A)	Mechanical bridge plug set at 882		200'
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME)				
(NAME)				
(NAME)				
(NAME)				

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OIL & GAS DIVISION
DEPT. OF MINES

and that the work of plugging and filling said well was completed on the 29 th day of January, 1981.

And further deponents saith not.

Henry Y. Hall

09/08/2023

Sworn to and subscribed before me this _____ day of _____, 1981.

My commission expires: January 22 1981

Notary Public.
Permit No. WET-626 P

103-1205-P

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

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INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Permit No. 103-1205-8

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>U.S. D.O.E.</u>	Size			
<u>P.O. Box 880</u>	16			Kind of Packer
<u>Morgan town w. Va.</u>	13			
<u>Walter B. Smith</u>	10			Size of
<u>C Three</u>	8 1/4			
<u>Grant</u> County <u>Wetzel</u>	6 5/8			Depth set
Drilling commenced _____	5 3/16			
Drilling completed _____ Total depth _____	3			Perf. top
Date shot _____ Depth of shot _____	2			Perf. bottom
Initial open flow _____ /10ths Water in _____ Inch	Liners Used			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch				Perf. bottom
Volume _____ Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Rock pressure _____ lbs. _____ hrs.	NAME OF SERVICE COMPANY _____			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

Final Inspection accepted

3-12-82

DATE

R.A. Lowther 512

09/08/2023

DISTRICT WELL INSPECTOR



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-1205-P
FARM Walter B. Smith
WELL NO. C-3
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.

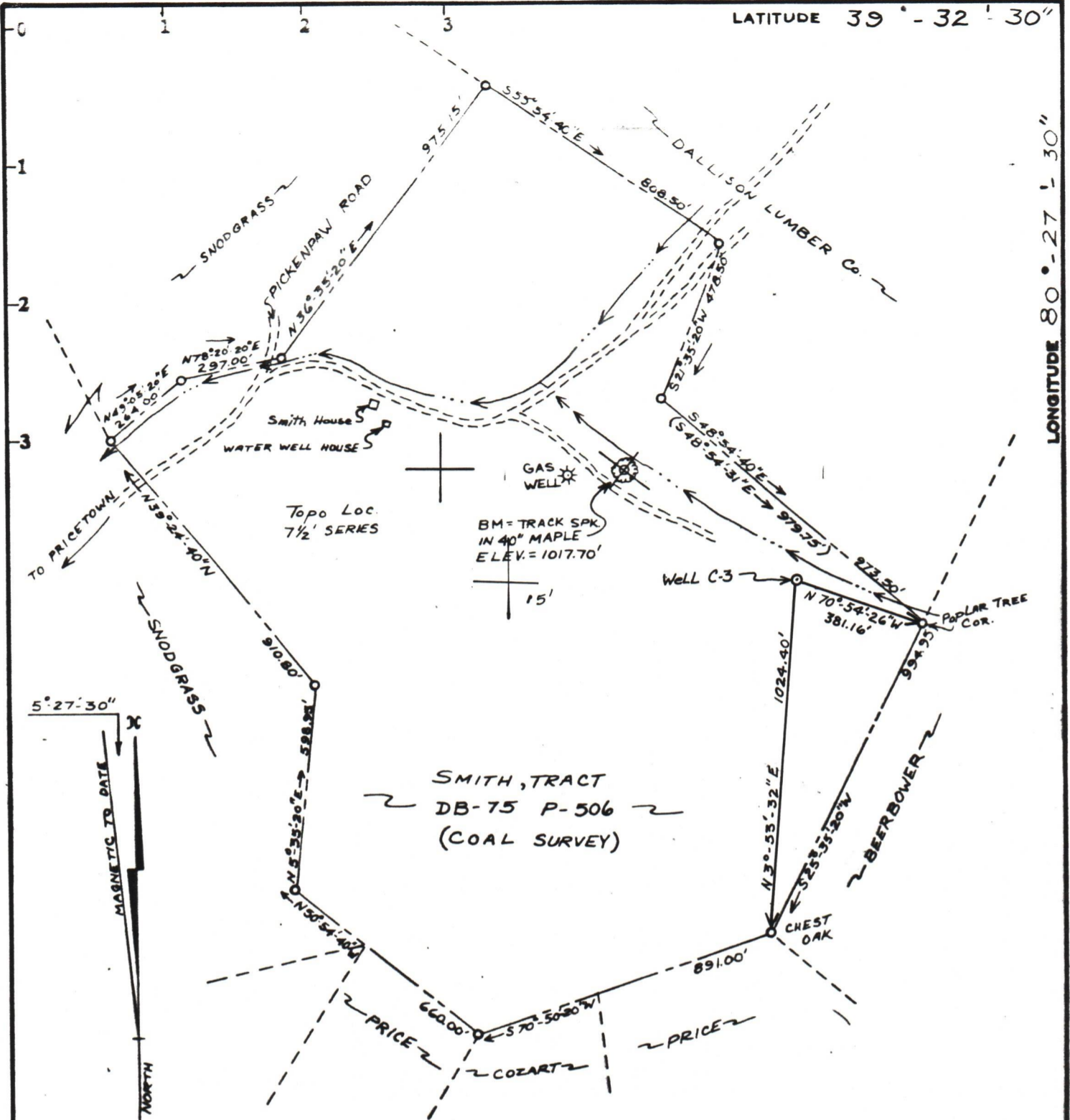
_____ Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on your records.

_____ 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/r1



SMITH, TRACT
DB-75 P-506
(COAL SURVEY)

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-3 Serial No.
Elevation (Spirit Level)	1051.05
Quadrangle	GLOYER GAP, W.V. (7.5') Map 15' MN
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'

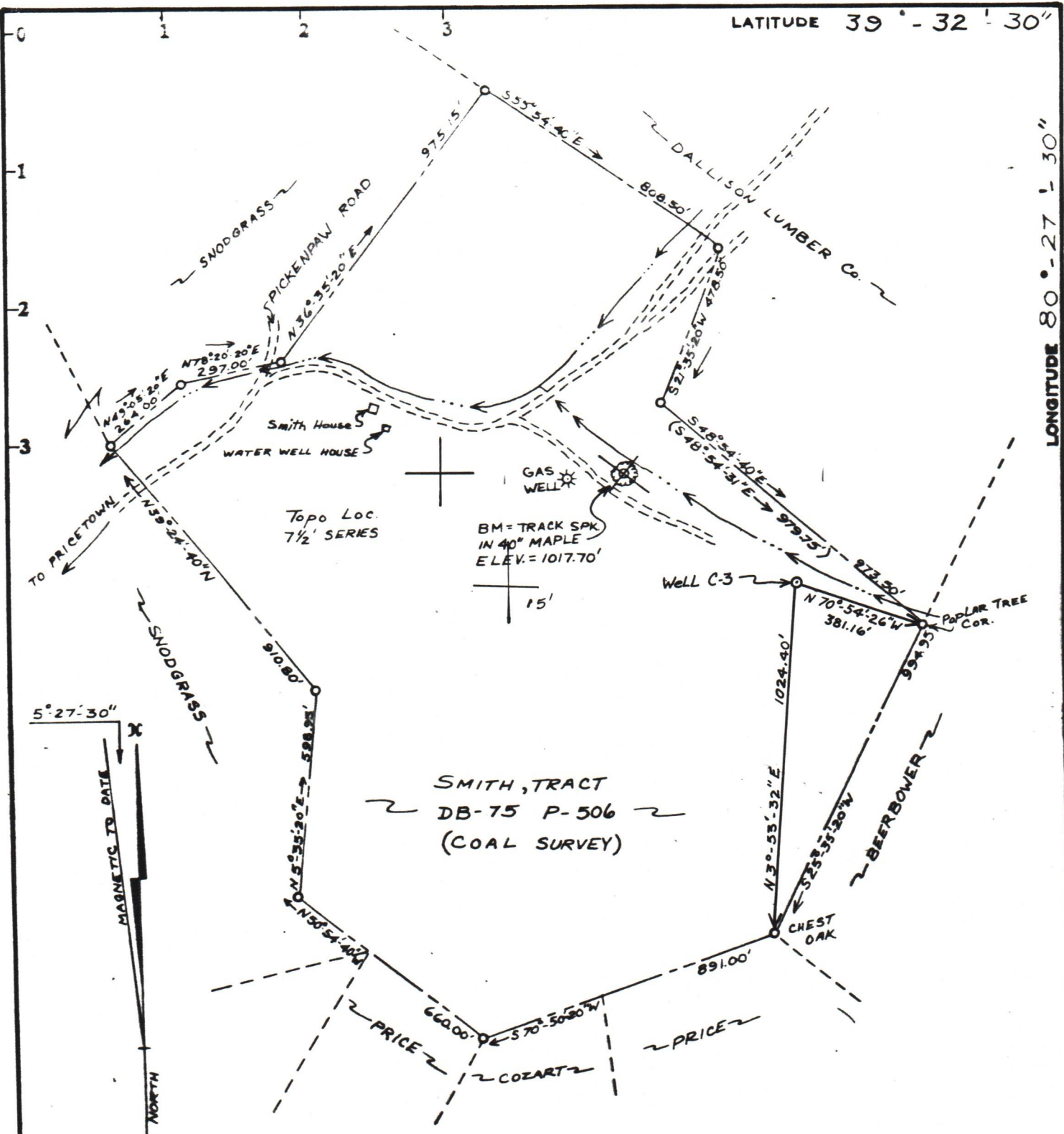
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. 103-1205 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.



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-3 Serial No. _____
Elevation (Spirit Level)	1051.05
Quadrangle	GLOVER GAP, W.V. (7.5') <i>Map 15'</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. 103-1205
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.