



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.

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

Fracture   
 New Location   
 Drill Deeper   
 Abandonment

Company U.S. DEPARTMENT OF ENERGY  
 Address P.O. BOX 880, MORGANTOWN, W.V. 26508  
 Farm VALTER B. SMITH  
 Tract \_\_\_\_\_ Acres 15 Lease No. \_\_\_\_\_  
 Well (Farm) No. C-3 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1051.05 *SW*  
 Quadrangle GLOVER GAP, W.V. (7.8') *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

+ 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.



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

Rotary   
Spudder   
Cable Tools   
Storage

103-1205

WELL RECORD

Oil or Gas Well  Core  (KIND)

Permit No. 471031205

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 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 12-18-80  
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)

RESULT AFTER TREATMENT (Initial open Flow or bbls.)

ROCK PRESSURE AFTER TREATMENT HOURS

Fresh Water Feet Salt Water Feet

Producing Sand Depth

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

Attach copy of cementing record.  
CASING CEMENTED 7" SIZE 200 No. Ft. 12-18-80  
Amount of cement used (bags) 50  
Name of Service Co. Halliburton  
COAL WAS ENCOUNTERED AT 395 FEET 48 INCH  
472 FEET 24 INCHES 525 FEET 36 INCH  
793 FEET 36 INCHES 901 FEET 84 INCH

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			

RECEIVED  
MAY 26 1981  
OIL & GAS DIVISION  
DEPT. OF MINES

MAY 15 1981



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
NOV 14 1980

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

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, P.O. Box 1314  
Address Morgantown, WV 26505  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

DATE October 24, 1980  
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-3 Elevation 1051.05  
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)

Fred B. Burdett  
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~~ <sup>cooperative agreement</sup> having fee title thereto, (or as the case may be) under ~~grant~~ dated 14 June 19 74 by Consolidation Coal 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 <sup>Miscellaneous</sup>

~~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, [Signature]  
(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

\*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 x 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			
⑦	200 feet	200 feet	Surface to 200 feet
5 ½			
4 ½			
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.

*Donald D. Bass*  
\_\_\_\_\_  
For Coal Company  
*Simon M. ...*  
\_\_\_\_\_  
Official Title

