



1) Date: October 31, 19 83
 2) Operator's Well No. R-180
 3) API Well No. 47 - -
 State County Permit

STATE OF WEST VIRGINIA
 OFFICE OF OIL AND GAS, DEPARTMENT OF MINES
 NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

1) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name O. R. Hess (Heirs)
 Address Ron Heldreth (Agent)
 311 Alexander Ave.
 (ii) Name Clarksburg, WV 26301
 Address _____
 (iii) Name _____
 Address _____

5(i) COAL OPERATOR Consolidation Coal Co.

Address P. O. Box 1314
Morgantown, WV 26507-1314

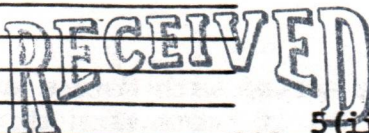
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:

Name Consolidation Coal Company
 Address P. O. Box 1314
Morgantown, WV 26507-1314

Name _____
 Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name _____
 Address _____



NOV 7 - 1983

OIL & GAS DIVISION

DEPT. OF MINES

TO THE PERSON(S) NAMED ABOVE: You should have received this form and the following documents:

- (1) The Application to Plug and Abandon a Well on Form IV-4(B), which sets out the parties involved in the work, and describes the well and its location and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form IV-6.

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-4(B)) 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 Permit to plug and abandon a well with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to the well at the location described on the attached Application and depicted on the attached Form IV-6. Copies of this Notice, the Application, and the plat 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.

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

Sheel Fletcher
 this 1st day of November, 19 83.
 My commission expires December 7, 19 92.

Notary Public, Monongalia County,
 State of West Virginia

WELL OPERATOR Consolidation Coal Company

By Roger Duckworth
 Its Project Engineer

Address P. O. Box 1314
Morgantown, WV 26507-1314

Telephone (304) 296-3461

BLANKET BOND

I N S T R U C T I O N S T O A P P L I C A N T

REGARDING 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 § 22-4-1m(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.

REGARDING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and two copies of the Application must be filed with the Administrator, accompanied by (i) an original and four copies of the Notice, (ii) an original and four copies of a plat in the form prescribed by Regulation 11, and (iii) a bond in one of the forms prescribed by Regulation 11 or in lieu thereof the other security allowed by Code § 22-4-9.

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 and 22-4-9.

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

RECEIVED

NOV 7 - 1983

STATE OF WEST VIRGINIA,
COUNTY OF MARION :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) / Form IV-3(B) / Form IV-4(B) /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. R-180 located in MANNINGTON District, MARION County, West Virginia, upon the person or organization named--

RON HELDRETH, AGENT FOR THE O. R. HESS HEIRS

--by delivering the same in MARION County, State of WEST VIRGINIA on the 3RD day of NOVEMBER, 1983 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

- Handing it to him / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.
- Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

- Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

- Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

- Handing it to the corporation's employee / officer / director / attorney in fact / named _____.

Donald W. Boun
(Signature of person executing service)

Taken, subscribed and sworn before me this 3 day of November, 1983.
My commission expires October 1985.

Cornelius M. Johnson
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

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

RECEIVED

DEC 19 1983

INSPECTOR'S PLUGGING REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 049-0771-P

Well No. R-180

COMPANY CONSOLIDATION COAL

ADDRESS MORGANTOWN

FARM OKEY HESS

DISTRICT MANNINGTON

COUNTY MARION

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 LANG BROTHERS RIG

Remarks: MOVE RIG - START TO C.D. TO PUG

12-16-83
DATE I hereby certify I visited the above well on this date.

Robert Stewart
DISTRICT WELL INSPECTOR

08/25/2023

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ 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 _____ bbla., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
	16			
	13			
	10			Size of _____
	8 1/4			
	6 3/8			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: _____

EXHIBIT NO. 1

Plugging Technique To Be Utilized When A Previously
Abandoned Well Cannot Be Cleaned Out To Its Total Depth

Since the inception of Consolidation Coal Company's well plugging program, a total of 100 previously abandoned oil and gas wells have been effectively plugged and a total of 42 wells have been successfully mined through.

Using the experience and technology gained from these successful operations, Consol proposes an alternate, safer method of plugging abandoned oil and gas wells.

The method proposed will enhance present day mining through safety standards by:

1. Allowing for more sealing material (expanding cement) in critical areas within the wellbore below the coal bed of interest.
2. Allowing for a positive indication of the environment within the wellbore across the coal seam.
3. Allowing for the use of the existing wellbore for other mine usages, i.e. methane drainage, power holes, etc.
4. Using a cleanout technique which lends itself more readily to rotary operations which are inherently safer than cable tool operations.

Therefore, it is felt that the proposed technique as set forth below will provide an alternate method of plugging abandoned wells, which is as safe or safer than today's method.

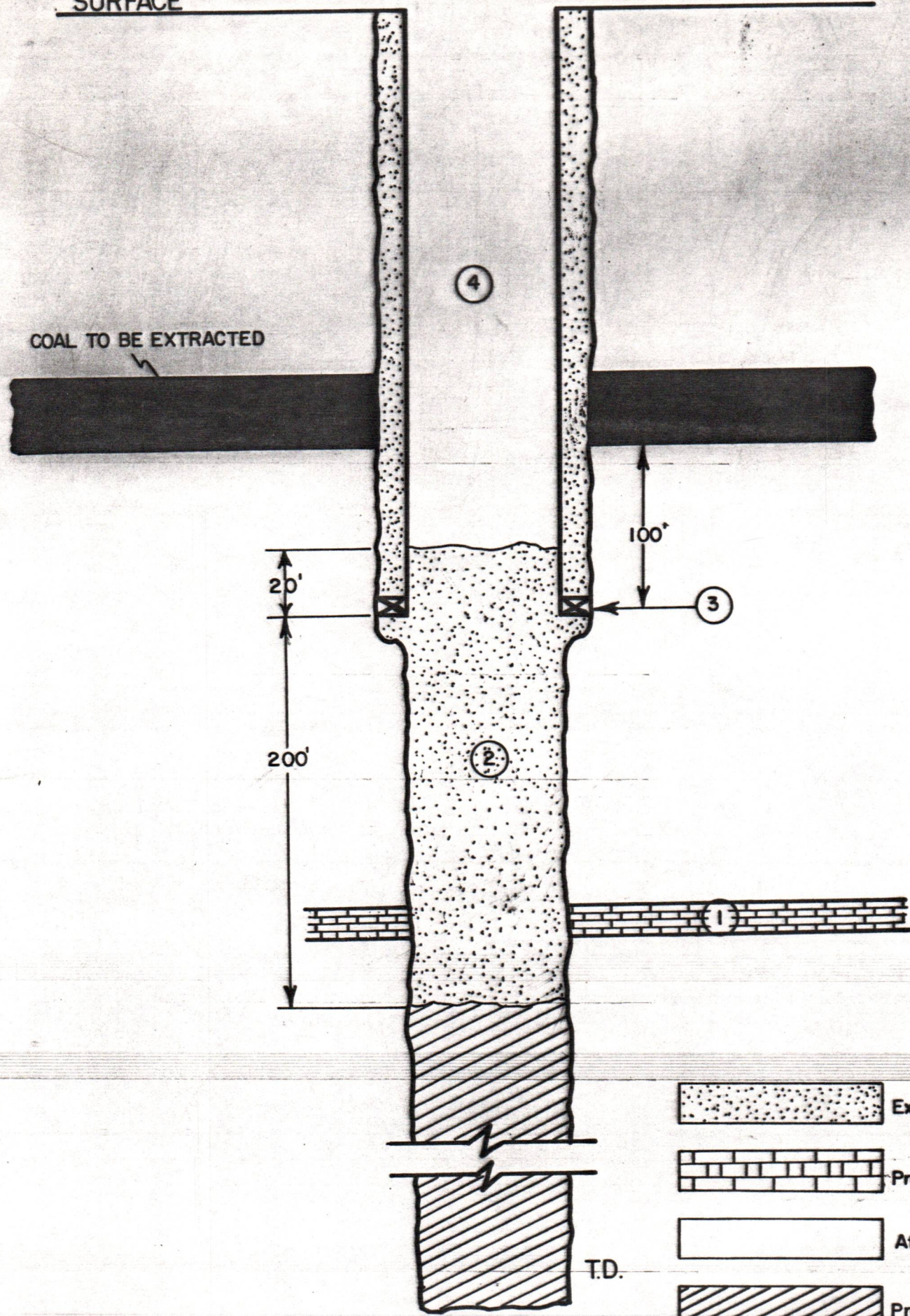
1. A diligent effort shall be made to clean the wellbore to total depth. If this depth cannot be reached, the wellbore will be cleaned out below the first possible hydrocarbon producing zone ① and/or no less than 300' below the lowest mineable coal seam.
2. A 4½" vent pipe (or larger) shall be run into the wellbore to a depth 100 feet below the lowest mineable coal seam. This coal protection string of casing shall be cemented by circulation with expandable cement from the bottom of the casing to the surface using standard cementing practices. ③
3. An expandable cement plug ② will be set in the wellbore adhering to the following specifications:
 - a) The wellbore shall be filled with fluid from a point 300 feet below the lowest mineable coal seam to the surface, such that an over balanced condition will exist in the wellbore.

08/25/2023

- b) While maintaining this over balanced condition in the wellbore, an expandable cement plug shall be set through tubing by the "balanced plug" method. The bottom of said cement plug shall be no less than 300 feet below the lowest mineable coal seam and shall extend 20 feet (80 feet below the coalbed of interest) into the 4½" casing.
 - c) After the cement has had adequate time to harden, the plug shall be tagged to verify the exact final location and condition of the plug.
4. In order to determine the effectiveness of the sealing project, all fluid shall be evacuated ④ from the wellbore. A vent shall then be installed on top of the casing in such a manner that will prevent liquids and solids from entering the well, but will permit ready access to the full internal diameter of the coal protection string when required.
 5. Prior to commencement of "mining through" operation, Consol shall sample the atmosphere across the coal seam for methane. This sample will prove the effectiveness and condition of the sealing process.

SURFACE

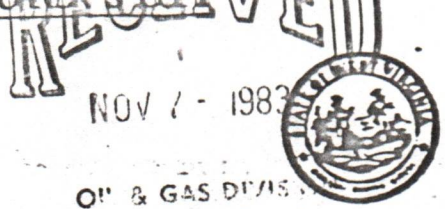
COAL TO BE EXTRACTED



- Expanding Cement
- Producing Zone
- Atmosphere
- Previous Plug

08/25/2023

Obverse 8-83



2) Operator's Well No. R-180
3) API Well No. 47 - 049 - 0771P
State County Permit 47-049-0771-P

DEPT. STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS, DEPARTMENT OF MINES

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

4) WELL TYPE: A Oil Gas Liquid Injection Waste disposal Abandoned
 B (If "Gas", Production Underground storage Deep Shallow)

5) LOCATION: Elevation: 1151.72 Watershed: Big Run
 District: Mannington County: Marion Quadrangle: Wallace 7.5

6) WELL OPERATOR: Consolidation Coal Company 7) DESIGNATED AGENT: Roger E. Duckworth
 Address: P. O. Box 1314 Morgantown, WV 26507-1314
 Address: P. O. Box 1314 Morgantown, WV 26507-1314

8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR
 Name: ~~WILL BLOSSER~~ ROBERT STEWART Name: Unknown
 Address: ~~ROBERT, WV~~ JANE LEW, W.V. Address:

- WORK ORDER: The work order for the manner of plugging this well is as follows:
- Clean out wellbore to T.D., if practical.
 - Fill wellbore with fluid such that an "overbalanced" condition exists in the wellbore.
 - Set through tubing, an expandable cement plug adhering to the following specifications:
 - The bottom of the cement plug shall be no less than 300' below the lowest mineable coal seam and shall extend to no less than 100' below the lowest mineable coal seam. (The plug shall be no less than 200' in length).
 - Run 4 1/2" O. D. vent pipe to the top of the expandable cement plug (100' below the lowest mineable coal seam).
 - Cement the annulus from the bottom of the 4 1/2" O.D. casing to the surface and 20' inside the 4 1/2" O.D. pipe. (See Exhibit No. 1)

The law requires a certain period for surface owners. However, the permit can be issued in less than the filing of the Application to plug and abandon a well.

Plugging Permit

Permit no. 47-049-0771-P

November 17, 1983

Date

This permit covering the well operator and well location shown above is evidence of permission granted to plug in accordance with the pertinent legal requirements. NOTIFICATION MUST BE GIVEN TO THE DISTRICT OIL AND GAS INSPECTOR 24 HOURS BEFORE ACTUAL PERMITTED WORK HAS COMMENCED.

Permit expires November 17, 1985 unless plugging is commenced prior to that date and prosecuted with due diligence.

BOND: BB AGENT: MH PLAT: MH CASING: [Signature] No FEE

[Signature] Administrator, Office of O.G.S.

08/25/2023

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.

Consolidation Coal Company
COAL OPERATOR OR OWNER
P. O. Box 1314, Morgantown, WV 26507-1314
ADDRESS
COAL OPERATOR OR OWNER
Okey R. Hess Heirs
LEASE OR PROPERTY OWNER
ADDRESS

Consolidation Coal Company
NAME OF WELL OPERATOR
P. O. Box 1314, Morgantown, WV 26507-1314
COMPLETE ADDRESS
May 11, 1984
WELL AND LOCATION
Mannington
Marion
Well: No R-180
Hess
Don Ellis
Farm

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Marion } SE:

Mark Wright and Calvin Lofton

RECEIVED
MAY 31 1984
OIL & GAS DIVISION
DEPT. OF MINES

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 Consolidation Coal Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 13th day of December, 19 83, 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
<small>FORMATION</small> Cleaned out wellbore to 912'. Ran coal protection string as follows: 2 3/8" tubing from 897' to 752.90'. 4 1/2" casing from 752.90' to surface. Latch down at 724.95' and float valve at 752.90'. Circulated cement to surface as follows: Pumped 300 sacks of Poz Mix followed by 190 sacks of expanding cement. Displaced cement to 724.95'. Let set, bailed dry.	2 3/8" tubing 4 1/2" casing	897.0' to 752.9'	752.9' to surface	
<small>COAL SEAMS</small>	Pittsburgh 590' to 582'	DESCRIPTION OF MONUMENT Five feet of 4 1/2" casing with plaque station: Consol R-180 47-049--771-P		

and that the work of plugging and filling said well was completed on the 29th day of December, 19 83

08/25/2023

And further deponents saith not.

Sworn to and subscribed before me this 29th day of December, 19 83

Calvin Lofton
Mark Wright
Notary Public

My commission expires:

Sept 8, 1988

Permit No 47-049-0771-P



RECEIVED

AUG 6 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
June 19, 1984

COMPANY Consolidation Coal Co. PERMIT NO 049-0771-P 11/83
P. O. Box 1314 FARM & WELL NO Hess #R-180
Morgantown, West Virginia 26507-1314 DIST. & COUNTY Mannington/Marion

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to Starting Work	<u>✓</u>	<u>_____</u>
16.01	Required Permits at Wellsite	<u>✓</u>	<u>_____</u>
17.02	Method of Plugging	<u>✓</u>	<u>_____</u>
18.01	Materials used in Plugging	<u>✓</u>	<u>_____</u>
23.02	Maintained Access Roads	<u>✓</u>	<u>_____</u>
25.01	Necessary Equipment to Prevent Waste	<u>✓</u>	<u>_____</u>
23.04	Reclaimed Drilling Pits	<u>✓</u>	<u>_____</u>
23.05	No Surface or Underground Pollution	<u>✓</u>	<u>_____</u>
17.06	Statutory Affidavit	<u>_____</u>	<u>_____</u>
7.06	Parties Responsible	<u>_____</u>	<u>_____</u>
7.05	Identification Markings	<u>✓</u>	<u>_____</u>

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

SIGNED David R. Ellis

DATE July 31 1984

Your Affidavit of Plugging was received and reclamation requirements approved.
The well designated by the above permit number has been released under your bond.

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

August 10, 1984
DATE

LATITUDE 39°30'00"

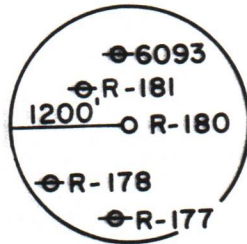
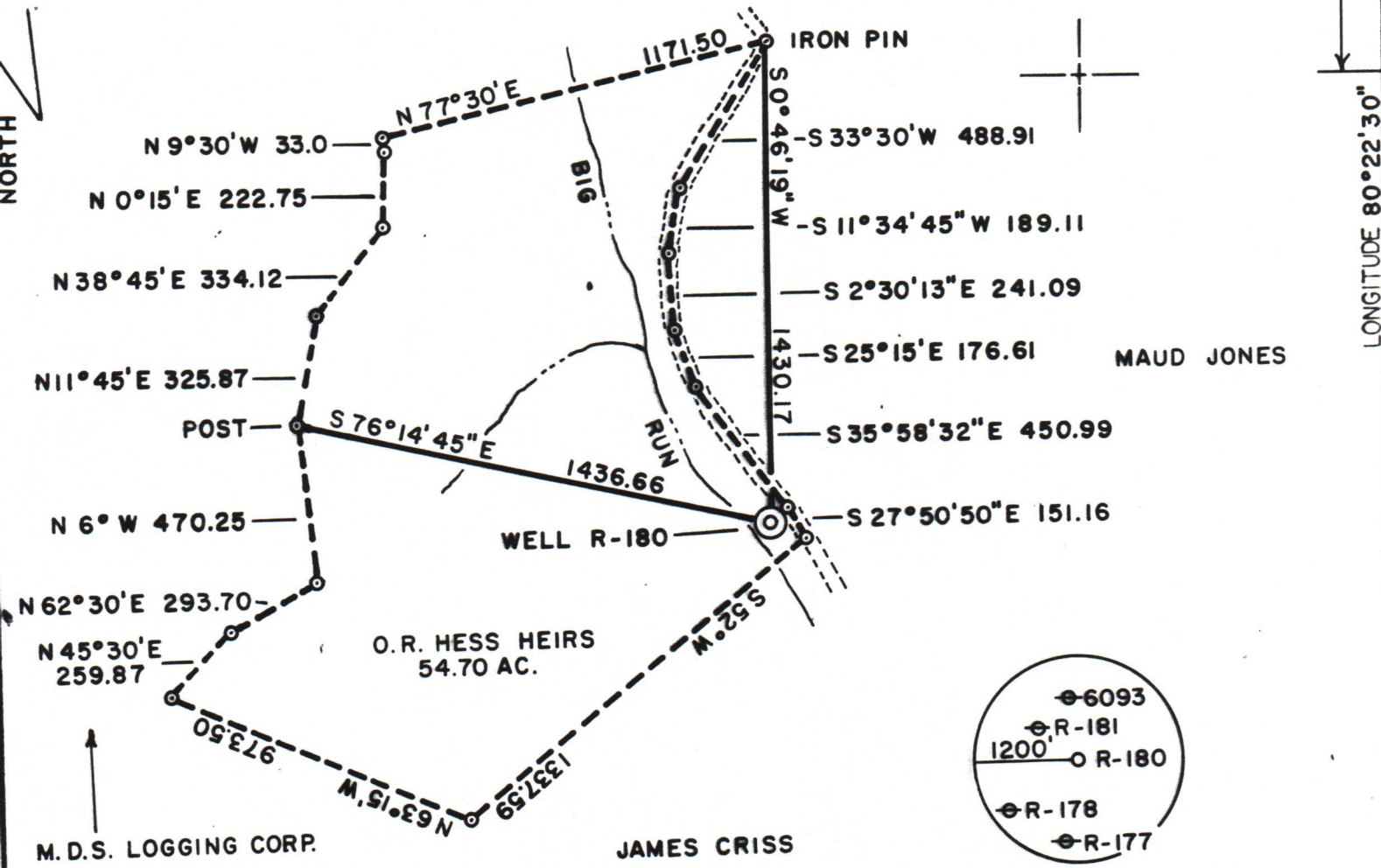
3,590

4,770

LONGITUDE 80°22'30"

RALPH SWIGER

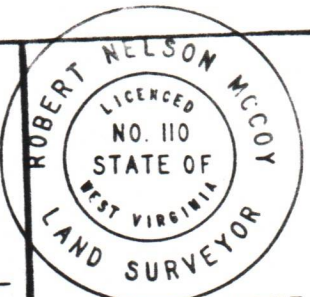
NORTH



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 5000
 PROVEN SOURCE OF ELEVATION COMPANY SURVEY TIED INTO THE U.S.C.S. NETWORK

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) R. Nelson McCoy
 R.P.E. _____ L.L.S. 110



PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE OCTOBER 27, 19 83
 OPERATOR'S WELL NO. R-180
 API WELL NO. 47 - 049 - 0771-P
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL ABANDONED X
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW X

LOCATION: ELEVATION 1151.72 WATER SHED BIG RUN
 DISTRICT MANNINGTON COUNTY MARION
 QUADRANGLE WALLACE W.V. 7.5

SURFACE OWNER OKEY R. HESS HEIRS ACREAGE 54.70
 OIL & GAS ROYALTY OWNER UNKNOWN LEASE ACREAGE _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL X FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG X
 TARGET FORMATION NONE ESTIMATED DEPTH _____

WELL OPERATOR CONSOLIDATION COAL COMPANY DESIGNATED AGENT ROGER E. DUCKWORTH
 ADDRESS P.O. BOX 1314 ADDRESS P.O. BOX 1314
MORGANTOWN, WV 26505 MORGANTOWN, WV 26505

08/25/2023