

**CERTIFICATE**

"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."

Minimum degree of accuracy is one part in 200

Signed Harry J. Berger, Jr. L.L.S. #248

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY	<u>CARL E. SMITH, INC.</u>		
ADDRESS	<u>BOX 4 SANDYVILLE, W.VA. 25275</u>		
FARM	<u>CLYDE D. HILL ET AL.</u>		
MAP	<u>OV-68</u>	ACRES	<u>296.3<sup>3</sup></u> UNIT
LEASE NO.	<u>C.G.C. 3559</u>		
WELL (FARM) NO.	<u>1</u>	SERIAL NO.	<u>72</u>
ELEVATION (SPIRIT LEVEL)	<u>691.55'</u>		
QUADRANGLE	<u>WINFIELD N.W. NC</u>		
COUNTY	<u>MASON</u>	DISTRICT	<u>UNION</u>
POINT OF PROVEN ELEVATION	<u>U.S.G.S. DATA - INTERSECTION</u>		
ROAD SHOWN ABOVE	<u>ELEV. 587</u>		
FILE NO.	DRAWING NO.		
DATE	<u>JUNE 13 1972</u>		
	SCALE <u>1" = 1320'</u>		

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. <u>70 as-113</u>
+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
-- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

Deep Well (Tusc) JUN 23 1972

6/15/72 CEN

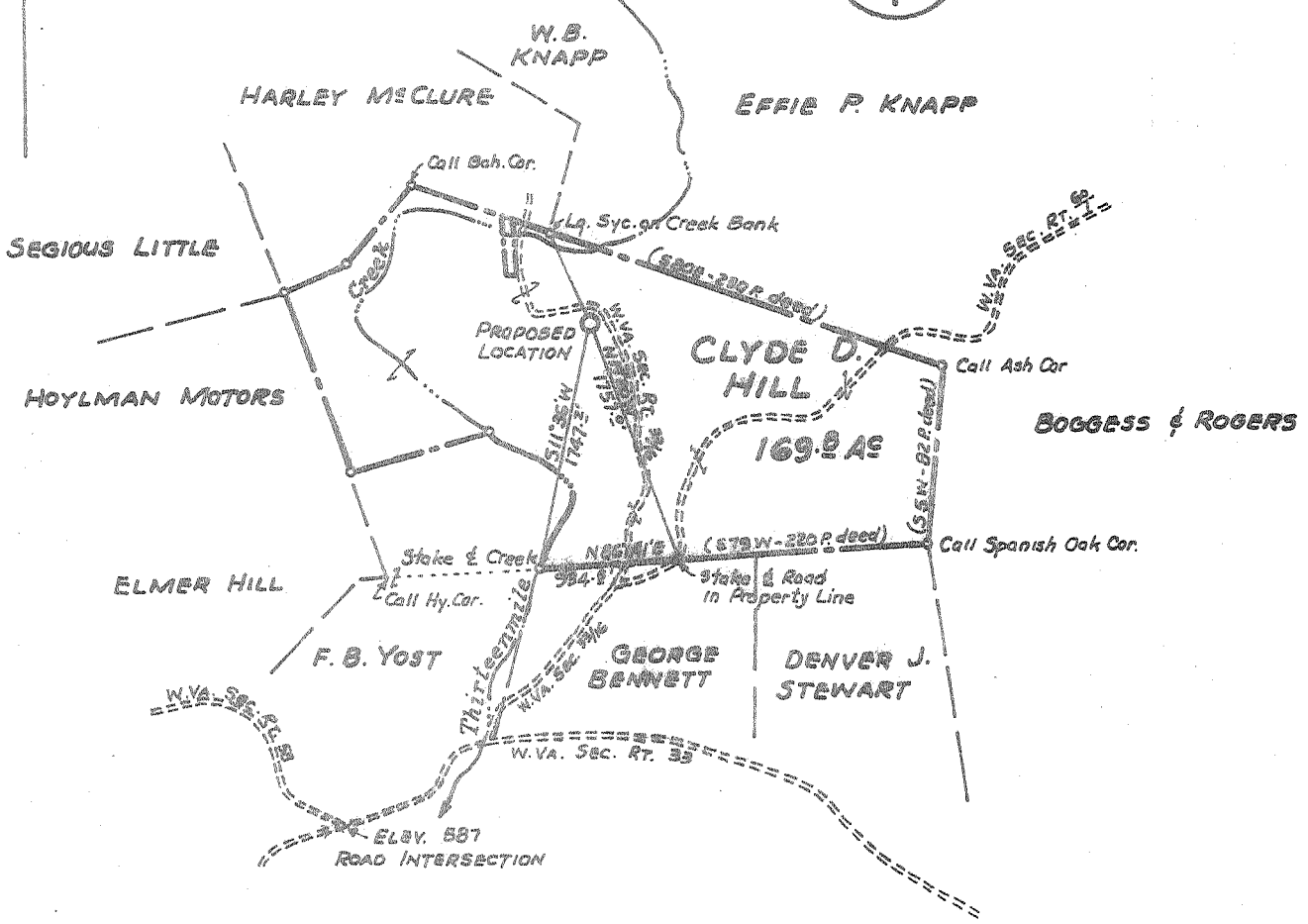
Plot Log Card CSD Mflm

LATITUDE 38° 45'

LONGITUDE 81° 50'



2.02 S  
2.54 W



*Radial Drilling - 7-31-72*

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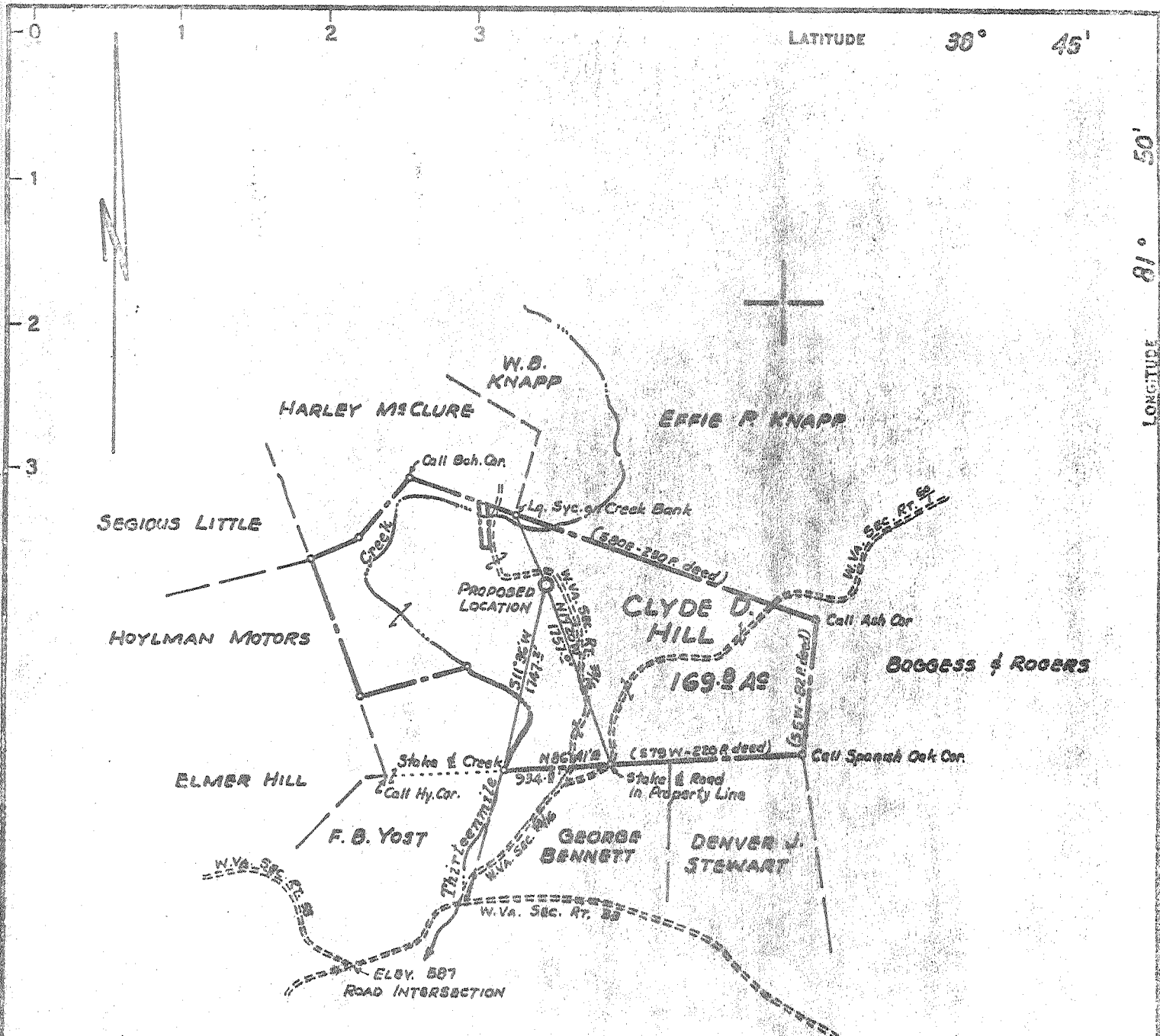
Signed *Harry J. Berger, Jr.* L.L.S. #248

issued 8/9/72

COMPANY **CARL E. SMITH, INC.**  
 ADDRESS **BOX 4 SANDYVILLE, W.VA. 25275**  
 FARM **CLYDE D. HILL ET AL.**  
 MAP **OV-68** ACRES **296.5<sup>2</sup>** UNIT LEASE NO. **C.G.C. 3559**  
 WELL (FARM) NO. **1** SERIAL NO. **72**  
 ELEVATION (SPIRIT LEVEL) **691.55'**  
 QUADRANGLE **WINFIELD NW. NC**  
 COUNTY **MASON** DISTRICT **UNION**  
 POINT OF PROVEN ELEVATION **U.S.G.S. DATA - INTERSECTION**  
**ROAD SHOWN ABOVE ELEV. 587**  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE **JUNE 13 1972** SCALE **1" = 1320'**

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
 WELL LOCATION MAP  
 FILE NO. **Ma-113-PK**

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.  
 -- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.



Partial Plugging - 7-31-72

**CERTIFICATE**

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- RECONDITION
- DRILL DEEPER
- ABANDONMENT

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 Minimum degree of accuracy is one part in 200

Signed Harry J. Bryan, Jr. U.S.G.

COMPANY	CARL F. SMITH, INC.		
ADDRESS	BOX 4 SANDYVILLE, W.VA. 25275		
FARM	CLYDE D. HILL ET AL.		
MAP	OV-68	ACRES 296.3 <sup>1</sup>	UNIT LEASE NO. C.G.C. 3559
WELL (FARM) NO.	1	SERIAL NO.	72
ELEVATION (SPIRIT LEVEL)	691.55'		
QUADRANGLE	WINFIELD NE NE		
COUNTY	MASON	DISTRICT	UNION
POINT OF PROVEN ELEVATION	U.S.G.S. DATA - INTERSECTION ROAD SHOWN ABOVE ELEV. 587		
FILE NO.	DRAWING NO.		
DATE	JUNE 13 1972 SCALE 1" = 1320'		

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. 200-113-PP

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC M.P.S. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN

— DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING

AUG 10 1972



RECORDED

AUG 22 1972

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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Winfield N. W.

Permit No. Mas 113 P

REVISED  
WELL RECORD

Oil or Gas Well Dry  
(KIND)

Company Carl E. Smith, Inc.  
Address P. O. Box 4, Sandyville, W.Va.  
Farm C. D. Hill Acres 296.3 Unit Size  
Location (waters) Thirteen Mile Creek  
Well No. #1 Elev. 691.55  
District Union County Mason  
The surface of tract is owned in fee by C. D. Hill  
Etal Address Rt. 3, Box 57, Leon, W. Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling commenced 6-20-72  
Drilling completed 7-1-72  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
16			Kind of Packer
13 3/8	170	170	
10			Size of
8 5/8	2360	1500	Depth set
6 3/4			
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in \_\_\_\_\_ Inch  
Dry /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) \_\_\_\_\_

Attach copy of cementing record  
Casing Cemented 13 5/8 SIZE 170' No. 2359 Date June 21-72  
8 5/8 SIZE 2359 No. 2359 Date June 26-72  
Amount of cement used (bags) 120 sks., 300 sks.  
Name of Service Co. Halliburton  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
Producing Sand Dry \_\_\_\_\_ Depth 2330

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	40			
Shale			40	330			
Sd. & Shale			330	1160			
Sand			1160	1210			
Sd. & Shale			1210	1430			
Sand			1430	1570			
Sd. & Lime			1570	1649			
Big Lime			1649	1690			
Lime			1690	1780			
Shale & Brake			1780	1800			
Sand			1800	1860			
Shale			1860	1900			
Sand			1900	2145			
Sd. & Shale			2145	2306			
<u>Berea</u>			2306	2330			

Drilled in June to a T.D. (over) of 5915 in the Juniata.  
Partially plugged back to the Berea 2351.  
Berea dry.

SEP 8 1972



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

RECEIVED

JUN 15 1972

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 15, 1972

Surface Owner C. D. Hill  
Address Rt. 3 - Box 57 - Leon, W. Va.  
Mineral Owner Same  
Address Same  
Coal Owner Same  
Address Same  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

Company Carl E. Smith, Inc.  
Address P. O. Box 4 - Sandyville, WV 25275  
Farm C. D. Hill, et al. Acres 296.3 unit  
Location (waters) Thirteen Mile Creek 691.55  
Well No. One (Serial #72) Elevation 681.55  
District Union County Mason  
Quadrangle Winfield, N. W.

INSPECTOR TO BE NOTIFIED Mr. Kenneth Butcher  
R. I. O #1 PH: 736-4885

Barboursville  
W. Va. 25504

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by Oct. 15, 1972.

Robert E. Hill  
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 April 3, 1971 by C. D. Hill & Hazel M. Hill made to Commonwealth Gas Corporation and recorded on the 7th day of April 19 71 in Mason County, Book 35 Page 124

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, Carl E. Smith, Inc.  
(Sign Name) \_\_\_\_\_  
Well Operator

Address  
of  
Well Operator

P. O. Box 4  
Street  
Sandyville  
City or Town  
West Virginia 25275  
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.

BLANKET BOND

Mas-113 PERMIT NUMBER

**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 Carl E. Smith, Inc. NAME Carl E. Smith  
 ADDRESS P. O. Box 4 - Sandyville, W. Va. ADDRESS P. O. Box 4 - Sandyville, W. Va.  
 TELEPHONE 273-4261 TELEPHONE 273-4261  
 ESTIMATED DEPTH OF COMPLETED WELL: 5250+ ROTARY \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Newburg  
 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	100'	100'	100 bags
9 - 5/8	2075	2075	450 bags
8 - 5/8			
7	5250	5250	100 bags
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? \_\_\_\_\_ 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 \_\_\_\_\_ 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

RECEIVED

AUG 22 1972

FORM OG-8

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

OIL & GAS DIVISION  
DEPT. OF MINES

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.

None  
COAL OPERATOR OR OWNER

Carl E. Smith, Inc.  
NAME OF WELL OPERATOR

P. O. Box 4, Sandyville, W. Va.  
COMPLETE ADDRESS

August 16 19 72  
WELL AND LOCATION

Union District

Mason County

C. D. Hill  
LEASE OR PROPERTY OWNER

Rt. 3, Box 57, Leon, W. Va.  
ADDRESS

Well No. One

C. D. Hill Farm

STATE INSPECTOR SUPERVISING PLUGGING Mr. Kenneth Butcher

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Jackson } ss:

Harry T. Hickman and PERRY HALL  
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 CARL E SMITH INC., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 8 day of August, 19 72, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
5900' to 2460'	Clay			
2460' to 2410'	Tamped Stone			
2410' to 2330'	Cement			
2330' to 975'	Clay			
975' to 875'	Cement			
Cut 8 5/8 - 860'				
875' to 20'	Clay			
20' to 0'	Cement			
Set 20' of 7" to give 3' monument above surface				
COAL BEAMS		DESCRIPTION OF MONUMENT		
(NAME)				
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 11 day of August, 19 72.

And further deponents saith not.

Sworn to and subscribed before me this 16 day of August, 19 72.

My commission expires:  
August 6, 1980

*Perry Hall*  
*Harry T. Hickman*  
*Paul J. [Signature]*  
Notary Public.  
Permit No. Mas-113P C. NOLL

SEP 8 1972