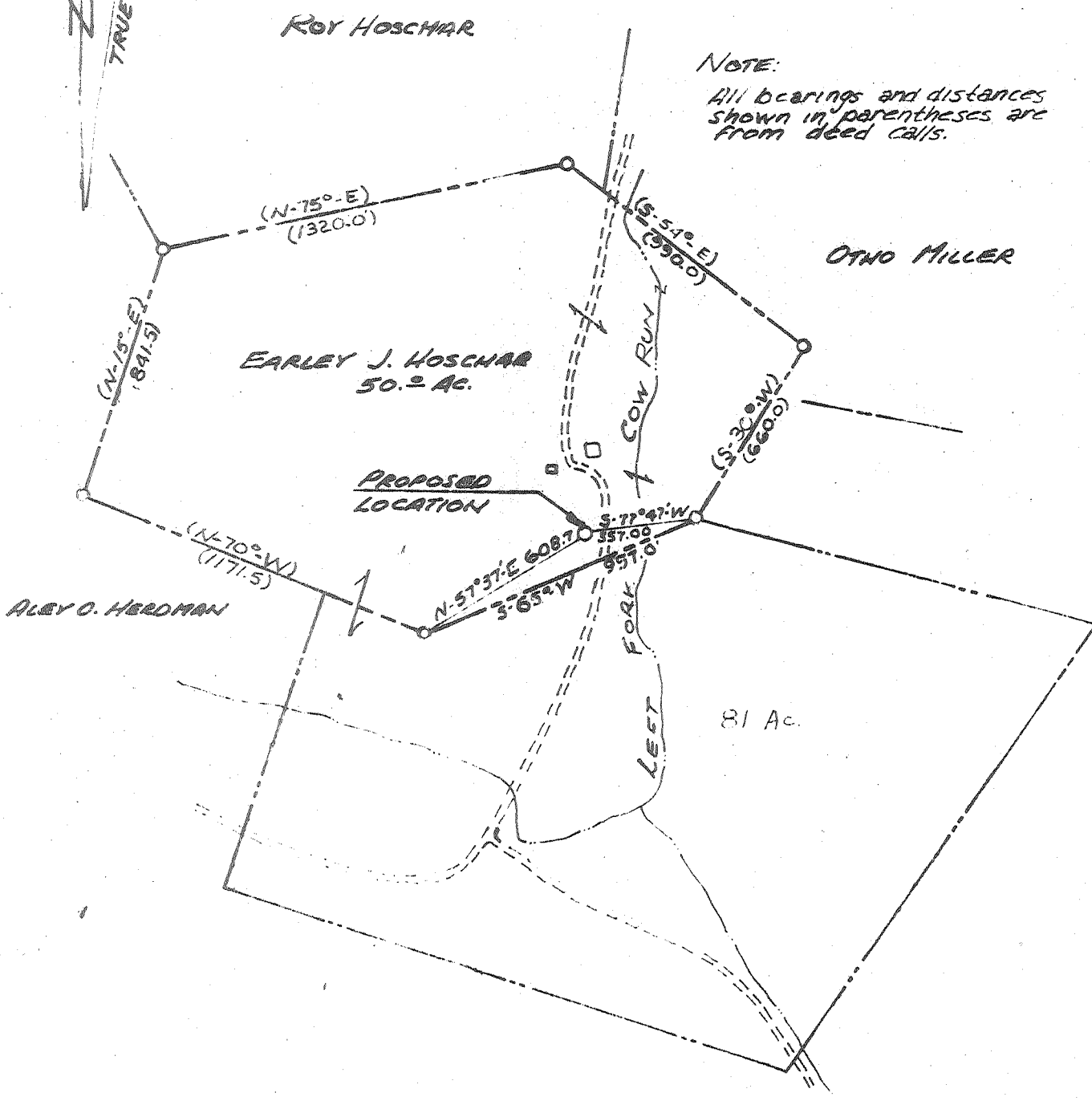


0 1 2 3 LATITUDE 38° 50'

81° 50'



NOTE:
All bearings and distances shown in parentheses are from deed calls.

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

CERTIFICATE
I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and show 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 Carl Holley Jr L.L.S. # 219

issued 8/29/72

COMPANY **CARL E. SMITH INCORPORATED**
 ADDRESS **P.O. BOX 4 SANDYVILLE WEST VIRGINIA**
 FARM **EARLEY HOSCHAR**
 MAP _____ ACRES **131** LEASE NO _____
 WELL (FARM) NO. **ONE** SERIAL NO. **74**
 ELEVATION (SPIRIT LEVEL) **640.05**
 PLAN HANDLE **RAVENSWOOD SE S C**
 COUNTY **JACKSON** DISTRICT **UNION**
 POINT OF GIVEN ELEVATION **INTERSECTION OF**
SECONDARY ROADS 5/24 AND 22/5
 DATE **AUGUST 3, 1972** DRAWING NO. _____
 SCALE **1" = 500'**

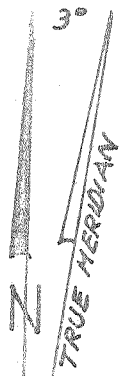
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO **JAC-1339-P**

↑ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1" TO 62,500'. LATITUDE AND LONGITUDE LINE BEING REPRESENTED BY BORDER LINES AS SHOWN.
 * DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACT.

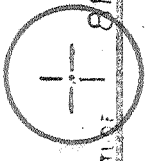
5-0

Deep Well

SEP 25 1972

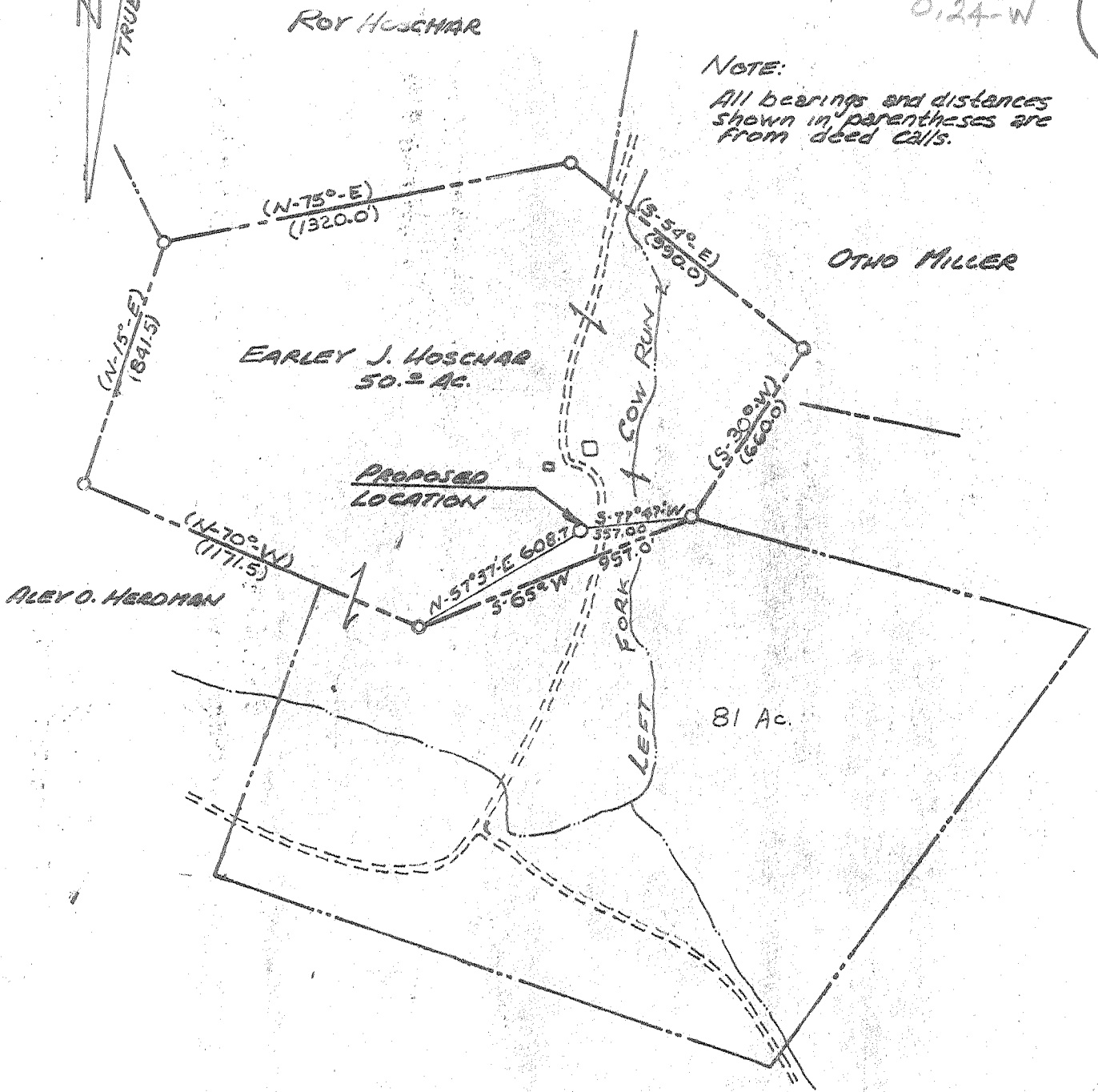


202-5
1/25/5
0.24-W



NOTE:

All bearings and distances shown in parentheses are from deed calls.



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 Earl Holley Jr. L.L.S. #219

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY	CARL E. SMITH INCORPORATED		
ADDRESS	P.O. Box 4 SANDYVILLE WEST VIRGINIA		
FARM	EARLEY HOSCHAR		
MAP	ACRES 131	LEASE NO.	
WELL (FARM) NO.	ONE	SERIAL NO.	74
ELEVATION (SPIRIT LEVEL)	640.05		
SECTION	RAVENSWOOD	SE. 22	
TOWNSHIP	JACKSON	DISTRICT	UNION
POINT OF PROVEN ELEVATION	INTERSECTION OF		
SECONDARY ROADS	5/24 AND 22/5		
FILE NO.	DRAWING NO.		
DATE	AUGUST 3, 1972		
	SCALE 1" = 500'		

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. JAC-1339
+ 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

5-0 (359)
(JAC-1331 doc.)

Deep Well
(Oriskany)

AUG 14 1972



RECEIVED

SEP 10 1972

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

Rotary
Spudder
Cable Tools
Storage

WELL RECORD

Oil or Gas Well

Dry (KIND)

Permit No. Jac: 1339

Company Carl E. Smith, Inc.
 Address P. O. Box 4, Sandyville, W. Va.
 Operator Earlie Hoschar, Etal Acres 131
 Location (waters) Cow Run
 Well No. #1 Elev. 640.05
 District Union County Jackson
 The surface of tract is owned in fee by Earlie Hoschar
 Etal Address Rt. 2, Cottageville W. Va.
 Mineral rights are owned by Same
 Address
 Drilling commenced 8-10-72
 Drilling completed 8-23-72
 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			Kind of Packer
16			
13 3/8	75'	75'	Size of
10			Depth set
8 5/8	2301'	2301'	Perf. top
6 3/4			Perf. bottom
5 3/16			Perf. top
4 1/2			Perf. bottom
3			
2			
Liners Used			

Attach copy of cementing record.
 CASING CEMENTED 13 3/8" SIZE 75' No. Ft. 8-10-72 Date
 8 5/8" SIZE 2301' No. Ft. 8-18-72 Date
 Amount of cement used (bags) 13 3/8" - 50 bgs. 8 5/8" - 300 bgs.
 Name of Service Co. Well Service, Inc.
 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 Oriskany Dry Depth 4445' - 4450'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	30			
Shale			30	540			
Sand			540	560			
Shale			560	953			
Sand			953	1070			
Shale			1070	1140			
Sd. & Shale			1140	1190			
Shale			1190	1237			
Sd. & Shale			1237	1305			
Shale			1305	1425			
Sand			1425	1600			
Big Lime			1600	1820			
Sand - <i>Impure</i>			1820	1990			
Shale			1990	2220			
Merica			2220	2232			
Shale			2232	4350			
Con. Lime - Onondaga - 463			4350	4445			
Oriskany			4445	4450			
Lime - Helderberg			4450	4611			

485

(over)

SEP 25 1972



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
AUG 4 1972

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE August 2, 1972

Surface Owner Earlie Hoschar Et. Al.

Company Carl E. Smith Inc.

Address Rt. 2 Cottageville, W. Va.

Address P. O. 4 Sandyville, W. Va.

Mineral Owner Same

Farm Earlie Hoschar Et. Al. Acres 121

Address Same

Location (waters) Cow Run

Coal Owner "

Well No. 1 (Serial #74) Elevation 640.05

Address "

District Union County Jackson

Coal Operator "

Quadrangle Ravenswood S. E.

Address "

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 12-4-72

Robert L. Jones
Deputy Director - Oil & Gas Division

Fred Burdette
INSPECTOR TO BE NOTIFIED
Sissonville, W. Va. PH: 984-9263

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 May 10 1959 by Earlie Hoschar & Lillian(wife) made to Commonwealth Gas Corp. and recorded on the 17 day of June 1969 in Jackson County, Book 109 Page 393

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) Paul E. Jones
Well Operator

Address P. O. 4
of _____ Street
Well Operator Sandyville
City or Town
West Virginia
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.

Survey

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 Inc.
 ADDRESS P. O. # Sandyville W. Va. ADDRESS Same
 TELEPHONE 273-4261 TELEPHONE Same
 ESTIMATED DEPTH OF COMPLETED WELL: 4500 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Crisany
 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			
9 - 8 5/8	80	80	90
8 - 5 3/8			
7	2300	2300	300
5 1/2			
4 1/2	4500	4500	100
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET

APPROXIMATE COAL DEPTHS _____

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 _____ 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

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

RECEIVED

SEP 18 1972

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, 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	Carl E. Smith, Inc.
ADDRESS	P. O. Box 4, Sandyville, W. Va. 25275
COAL OPERATOR OR OWNER	September 15 1972
ADDRESS	Union District
LEASE OR PROPERTY OWNER	Jackson County
ADDRESS	Well No. #1 (Serial #74)
	Earlie Hoschar, Etal Farm
STATE INSPECTOR SUPERVISING PLUGGING	Fred Burdette, Sissonville, W. Va. 25185

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Jackson } ss:

Harry T. Hickman and Paul W. Poole
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 29 day of August, 1972, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			C&G PULLED	C&G LEFT IN
Filled from				
4611 to 4400	Cement			
4400 to 2300	Gel			
2278	8 5/8" Bridge Plug (51-5256-00)			
2278 to 2180	Cement (Cut 8" at 1021')			
2180 to 30	Gel			
30 to Surface	Cement			
	With 20' of 7" O. D. 3' 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 30 day of August, 1972.

And further deponents saith not.

Sworn to and subscribed before me this 15 day of Sept, 1972.

Harry T. Hickman
Paul W. Poole
Dwight C. [Signature]

My commission expires:

Feb 26, 1973

Notary Public.

Permit No. Jac. 1339-P

SEP 25 1972