

LATITUDE 39° 25'  
LONGITUDE 81° 20'

39 20 15  
81 23 25

**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 Frank J. Barkley LLS #289

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY CARL E. SMITH INC  
 ADDRESS SANDYVILLE WEST VIRGINIA  
 FARM C. G. CORBITT HEIRS  
 MAP \_\_\_\_\_ ACRES 101.79 LEASE NO \_\_\_\_\_  
 WELL (FARM) NO. 4 SERIAL NO. \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) 641.46  
 QUADRANGLE MARIETTA  
 COUNTY WOOD DISTRICT UNION  
 POINT OF PROVEN ELEVATION RD. INTERSECTION EL. 616  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE MAY 14, 1980 SCALE 1" = 500 FT.

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
**107-1031**  
 FILE NO. \_\_\_\_\_

+ 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.

2800 Gordon  
 JUN 18 1980

6-6 WAVERLY

71



DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Water/Sand Frac, 15,000 lb. 80/100 sand, 45,000 lb. 20/40 sand: 1040 bbls. of water, 300 lb. of WAC-10, 300 lb. of WB-17, 30 gal. of Sta-Flow, 25 gal. Cla-Sta mixed in 1000 bbls., Breakdown 1800, max. 1,500 - shut-in instant 600.

WELL LOG

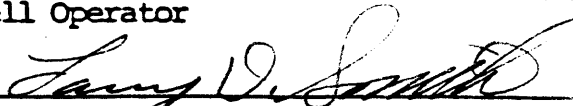
FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Big Injun			1600	1662	
Berea			1970	1980	
<u>Gordon</u>			2334	2354	

(Attach separate sheets as necessary)

Carl E. Smith Petroleum, Incorporated

Well Operator

By:



Date:

May 31, 1982

Note: Regulation 2.02(i) provides as follows:  
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 211-4

API Well No. 47-107 1031

TYPE: Oil / Gas  /  
(If "Gas", Production  / Underground storage / Deep / Shallow  )  
Elevation: 641.46 Watershed: CARPENTER RUN  
District: UNION County: WOOD Quadrangle: MARIETTA

OPERATOR: CARL E. SMITH, INC.  
Address: P.O. BOX 4  
SANDYVILLE, WV

DESIGNATED AGENT: CARL E. SMITH, INC.  
Address: P.O. BOX 4  
SANDYVILLE, WV

GAS PROPERTY OWNER: C. G. CORBITT HRS.  
Address: WAVERLY, WV

COAL OPERATOR:  
Address:

acreage: 101.79  
E OWNER:  
Address: SAME

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name: C. G. CORBITT  
Address: WAVERLY, WV

acreage: 101.79  
SALE (IF MADE) TO:  
Address:

Name:  
Address:

AS INSPECTOR TO BE NOTIFIED:  
K. PAUL GOODNIGHT  
Address: SMITHVILLE, WV  
PH: 477-3660

COAL LESSEE WITH DECLARATION ON RECORD:  
Name:  
Address: MAY 15 1980

RECEIVED

OIL & GAS DIVISION  
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the site under a deed / lease / other contract  / dated \_\_\_\_\_, 19\_\_\_\_. The well operator from H. D. WELL OIL & GAS CO.

[If deed, lease, or other contract has been recorded:]  
out being recorded on \_\_\_\_\_, 19\_\_\_\_, in the office of the Clerk of the County Commission of \_\_\_\_\_ West Virginia, in \_\_\_\_\_ Book \_\_\_\_\_ at page \_\_\_\_\_. A permit is requested to allow:

PROPOSED WORK: Drill  / Drill deeper / Redrill / Fracture or stimulate /  
Plug off old formation / Perforate new formation /  
Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any they wish to make or are required to make by Code § 5-2-2-2 must be filed with the Department of Mines within 30 days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed map and declaration plan have been mailed to the well operator by hand to the above named coal operator, coal owner(s), and coal lessee. The day of the mailing or delivery of this Permit Application to the Department of Mines at \_\_\_\_\_, West Virginia.

PERMIT COPIES OF ALL  
MAY BE OBTAINED DIRECTLY FROM:

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
1000 MARKET STREET  
MARTINSBURG, WV 26101

BLANKET ROAD

CARL E. SMITH, INC.  
Well Operator

By *Lucy D. Smith*

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
 INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

KNOWN) CARL E. SMITH, INC.

Address P.O. BOX 4  
SANDYVILLE, WV

ION, GORDON

Completed well, 2800 feet Rotary X / Cable tools      /

Strata depths: Fresh, 100 feet; salt, 1300 feet.

Coal depths: None Expected Is coal being mined in the area: Yes      / No     

SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Weight per ft	How	Used	For drilling		
24	X		300	300	to Surface Kinds
					Sizes
10.5	X		2800	2800	150 sk Depths set
2.75			2800	2800	Perforations: Top Bottom

The Department of Mines provides that the original and four copies of this permit shall be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 12, or in lieu thereof a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless otherwise specified, the fee required by Code § 22-4-12a, and (v) if applicable, the fee by Code § 22-4-8a from the owner of any water well or dwelling within the proposed well.

Form IV-2 shall not be required for fracturing or stimulating a well or stimulating a well. **THIS PERMIT MUST BE POSTED AT THE WELL SITE** which a permit is sought and the Form IV-2 filed in connection therewith.

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 1-23-81.

*Robert T. Smith*  
 Deputy Director - Oil & Gas Division

This permit must be completed by the coal operator and by any coal owner who has recorded a declaration under Code § 22-4-20, if the permit is not completed within fifteen (15) days of receipt thereof:

W A I V E R

The coal operator      / owner      / lessee      / of the coal under this well proposed well location. If a mine map exists which covers the area of the proposed well location has been added to the mine map. The undersigned has no objection to the proposed well location, provided, the well operator has complied with all the provisions of the West Virginia Code and the governing regulations.

By *Henry W. Smith*  
 Its      VICE-PRESIDENT