

CERTIFICATE

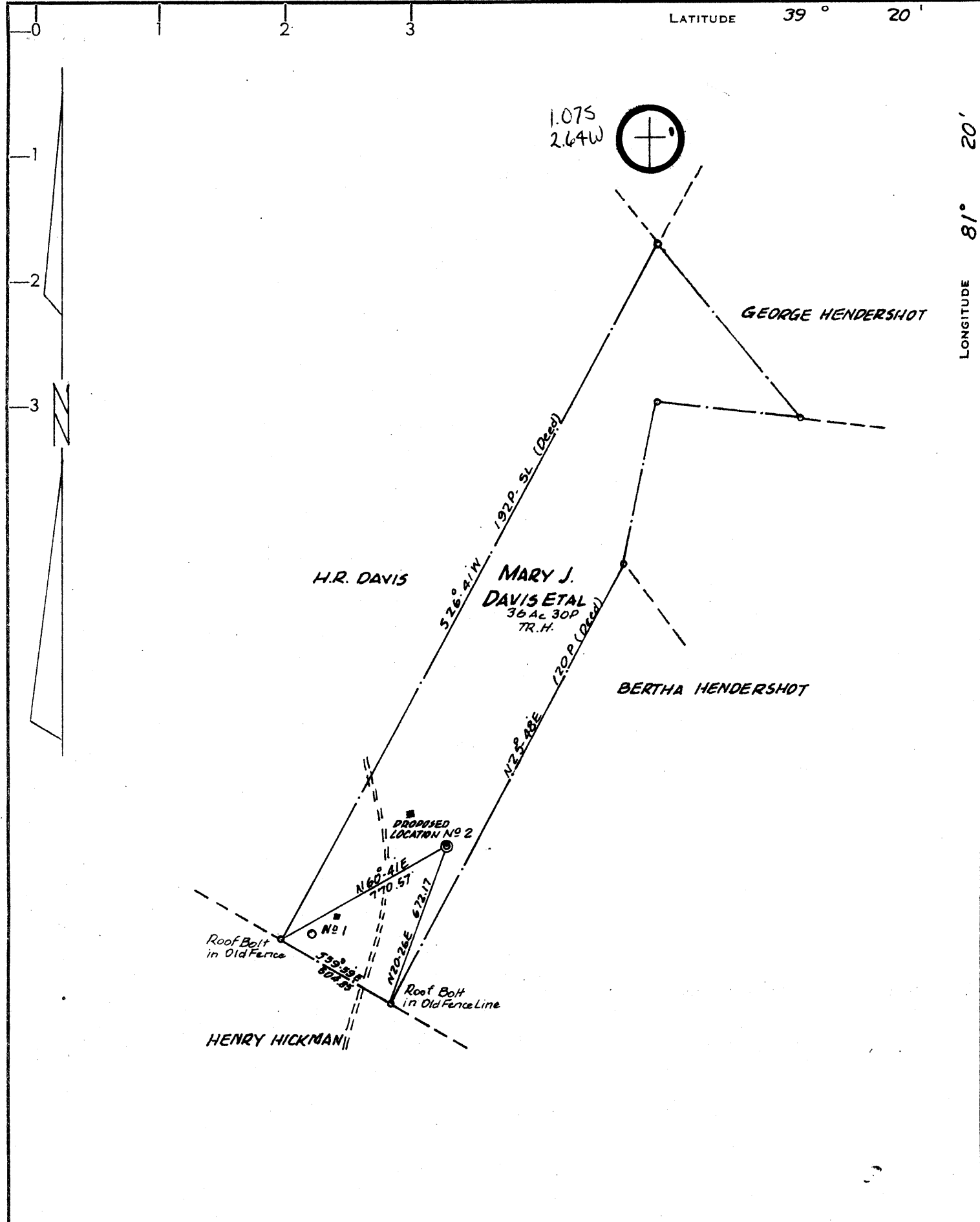
"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
 Minimum degree of accuracy is one part in 200

Signed Frank H. Barber, L.L.S. #289

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY H. D. WELLS OIL & GAS
 ADDRESS PO Box 1785 CHARLESTON, W.Va
 FARM MARY J. DAVIS ETAL
 MAP _____ ACRES 36 Ac 30P LEASE NO. _____
 WELL (FARM) NO. 2 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 866.37
 QUADRANGLE MARIETTAIS / Valley Mills 7.5'
 COUNTY WOOD DISTRICT UNION
 POINT OF PROVEN ELEVATION Knob Elev, 886
 FILE NO. _____ DRAWING NO. _____
 DATE APRIL 26, 1980 SCALE 1"=500 FT.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. 107-1033 MAY 11 1987
 CANCELLED
 + DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,800. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 2800 GORDON
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.



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 W. Barker LLS #289

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY: CARL E. SMITH INC
 ADDRESS: P.O. BOX 4, SANDYVILLE, WEST VIRGINIA
 FARM: MARY J. DAVIS ETAL
 MAP: _____ ACRES: 36 Ac 30P LEASE NO. _____
 WELL (FARM) NO. 2 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL): 866.37
 QUADRANGLE: MARIETTA SC
 COUNTY: WOOD DISTRICT: UNION
 POINT OF PROVEN ELEVATION: Knob Elev. 886
 FILE NO. _____ DRAWING NO. _____
 DATE: APRIL 26, 1980 SCALE: 1" = 500 FT.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP

FILE NO. **107-1033**

+ 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.

JUN 18 1980

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 210-2
API Well No. 47-107-1033
State Permit

TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep / Shallow X /)
Elevation: 866.37 Watershed:
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
OWNER: MARY J. DAVIS et al
Address: WAVERLY, WV

COAL OPERATOR:
Address:

acreage: 36 Ac. 30 Poles

COAL OWNER(S) WITH DECLARATION ON RECORD:

OWNER:
Address: SAME

Name: MARY J. DAVIS et al
Address: WAVERLY, WV

acreage: 36 Ac. 30 Poles

Name:
Address:

SALE (IF MADE) TO:
Address:

COAL LESSEE WITH DECLARATION ON RECORD:

Name:
Address: MAY 15 1980

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

OIL & GAS DIVISION
DEPT. OF MINES

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

[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 _____ A permit is requested in _____

PROPOSED WORK: Drill X / 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 § 20-2-2 must be filed with the Department
of Mines within 10 days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed rules and regulations shall be delivered
by hand to the above named coal operator, coal owner(s), and coal lessee
at the time of the willing delivery of this Permit Application to the Department of Mines of
West Virginia.

PERMIT COPIES OF ALL
WELL LOGS DIRECTLY TO:
OIL AND GAS
REGULATION COMMISSION
1000 MAIN STREET EAST
MARTINSBURG, WV 26101

CARL E. SMITH, INC.
Well Operator

By: *Lucy W. Smith*
VICE-PRESIDENT

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-33 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) CARL E. SMITH, INC.
Address P.O. BOX 4
SANDYVILLE, WV

GEOLOGICAL TARGET FORMATION, GORDON
Estimated depth of completed well, 2800 feet

Approximate water strata depths: Fresh, 100 feet; salt, 1300 feet.
Approximate coal seam depths: None Expected Is coal being mined in the area? Yes / No

PIPE AND TUBING PROGRAM

PIPE OR TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	Now	Used	For drilling		
Water	8 5/8	K55	24	X		300	300	to Surface
Intermediate	4 1/2	K55	10.5	X		2800	2800	150 sk
Production	1 1/2		2.75			2800	2800	
								Perforations:
								Top Bottom

Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 7.02, (ii) 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", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 20 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well. **THIS PERMIT MUST BE POSTED AT THE WELL SITE** for the work for which a permit is sought and noted as such on 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 L. [Signature]
Deputy Director - Oil & Gas Division

The following information must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

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

CARL E. SMITH, INC.

By [Signature]
Its VICE-PRESIDENT