

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

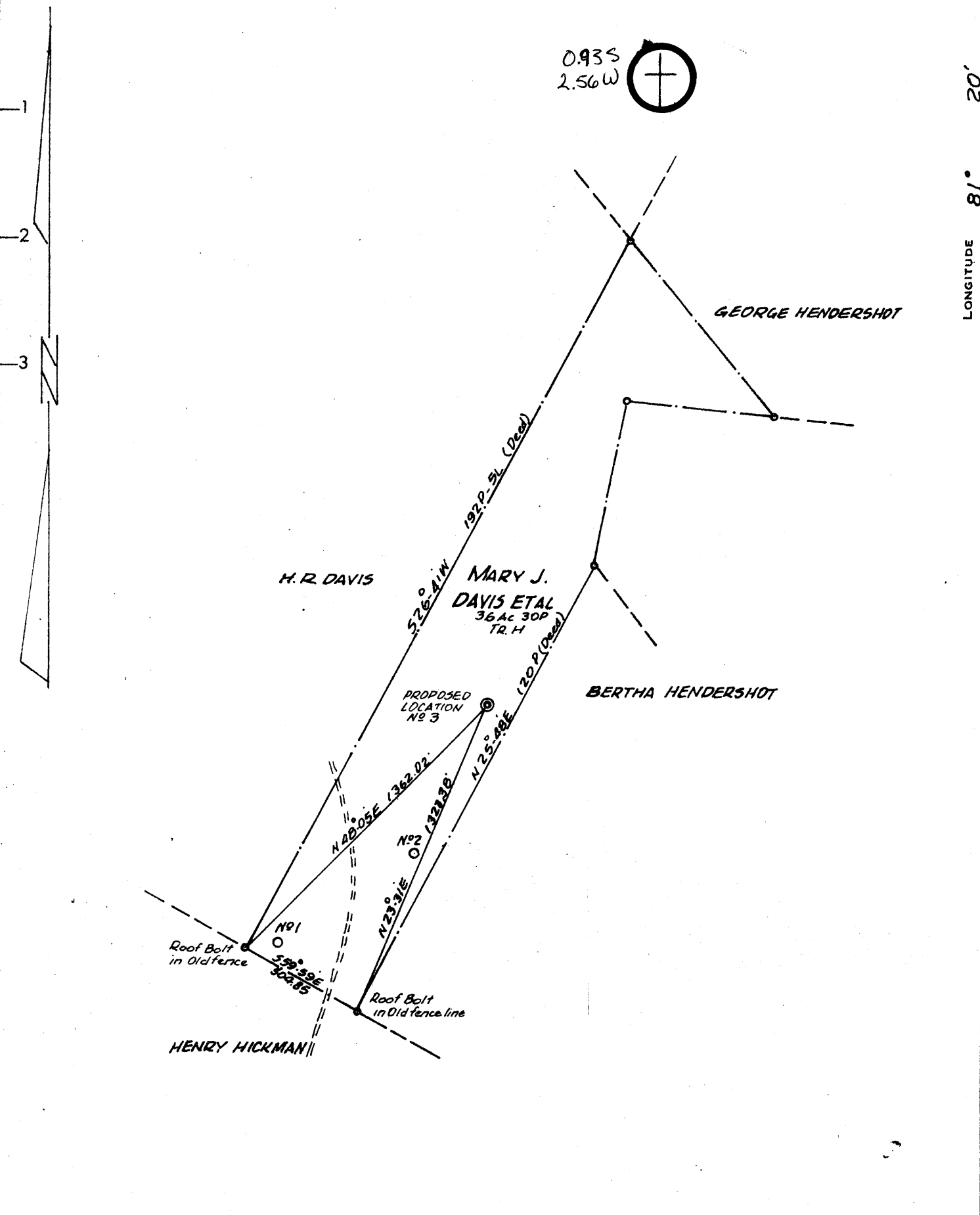
Signed

Frank H. Barlow U.S. #289

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY H.D. WELLS OIL & GAS
 ADDRESS P.O. BX 1785 CHARLESTON, W.Va.
 FARM MARY J. DAVIS ETAL
 MAP _____ ACRES 36 Ac 30P LEASE NO. _____
 WELL (FARM) NO. 3 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 880.65
 QUADRANGLE MARIETTA 15' 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.

443
 STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. 107-1034 MAY 11 1987
 CANCELLED
 * 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.
 2800' GORDON
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.



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Signed Frank H. Barlow LL# 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. 3 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 880.65
 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
107-1034
 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.
 2800 GORDON
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 209-3
API Well No. 47-107-1034
State County Permit

TYPE: Oil / Gas /
(If "Gas", Production / Underground storage / Deep / Shallow
Elevation: _____ 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
Y OWNER MARY J. DAVIS ETAL
Address WAVERLY, WV

COAL OPERATOR
Address

acreage 36 Ac. 30 Poles

COAL OWNER(S) WITH DECLARATION ON RECORD
Name MARY J. DAVIS ETAL
Address WAVERLY, WV

OWNER
Address SAME

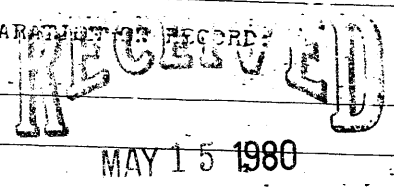
acreage 36 Ac. 30 Poles

Name
Address

SALE (IF MADE) TO:

COAL LESSEE WITH DECLARATION ON RECORD
Name
Address

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 site under a deed / lease / other contract dated _____, 19____, and well operator from H. D. WELL OIL & GAS CO.

deed, lease, or other contract has been recorded:]
out being recorded
in the office of the Clerk of the County Commission of _____ West Virginia, in _____ Book _____ at _____ A permit is requested to perform the following work:

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 work 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 map and declaration plan have been mailed to you and will 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.

LET COPIES OF ALL
LOGS DIRECTLY TO:
STATE COMMISSION
NORTH STREET EAST
MARTINSBURG, WV 26101

BLANKET BOND

CARL E. SMITH, INC.
Well Operator

By *Larry V. Smith*
VICE PRES

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) CARL E. SMITH, INC.

Address P.O. BOX 4
SANDYVILLE, WV

MINERAL TARGET FORMATION, GORDON

Estimated depth of completed well, 2800 feet Rotary X / Cable tools /

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

LOG AND TUBING PROGRAM

LOG OR TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Water	8 5/8	K55	24	X		300	300	to Surface	Kinds
Intermediate	4 1/2	K55	10.5	X		2800	2800	150 sk	Sizes
Production	1 1/2		2.75			2800	2800		Depths set
									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 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other 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 200 feet of the proposed well.

THIS PERMIT MUST BE POSTED AT THE WELLSITE
Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is 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

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has received 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 location, 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 the requirements of the West Virginia Code and the governing regulations.

MAY 15, 19 80

CARL E. SMITH, INC.

By *[Signature]*
Its VICE-PRESIDENT