

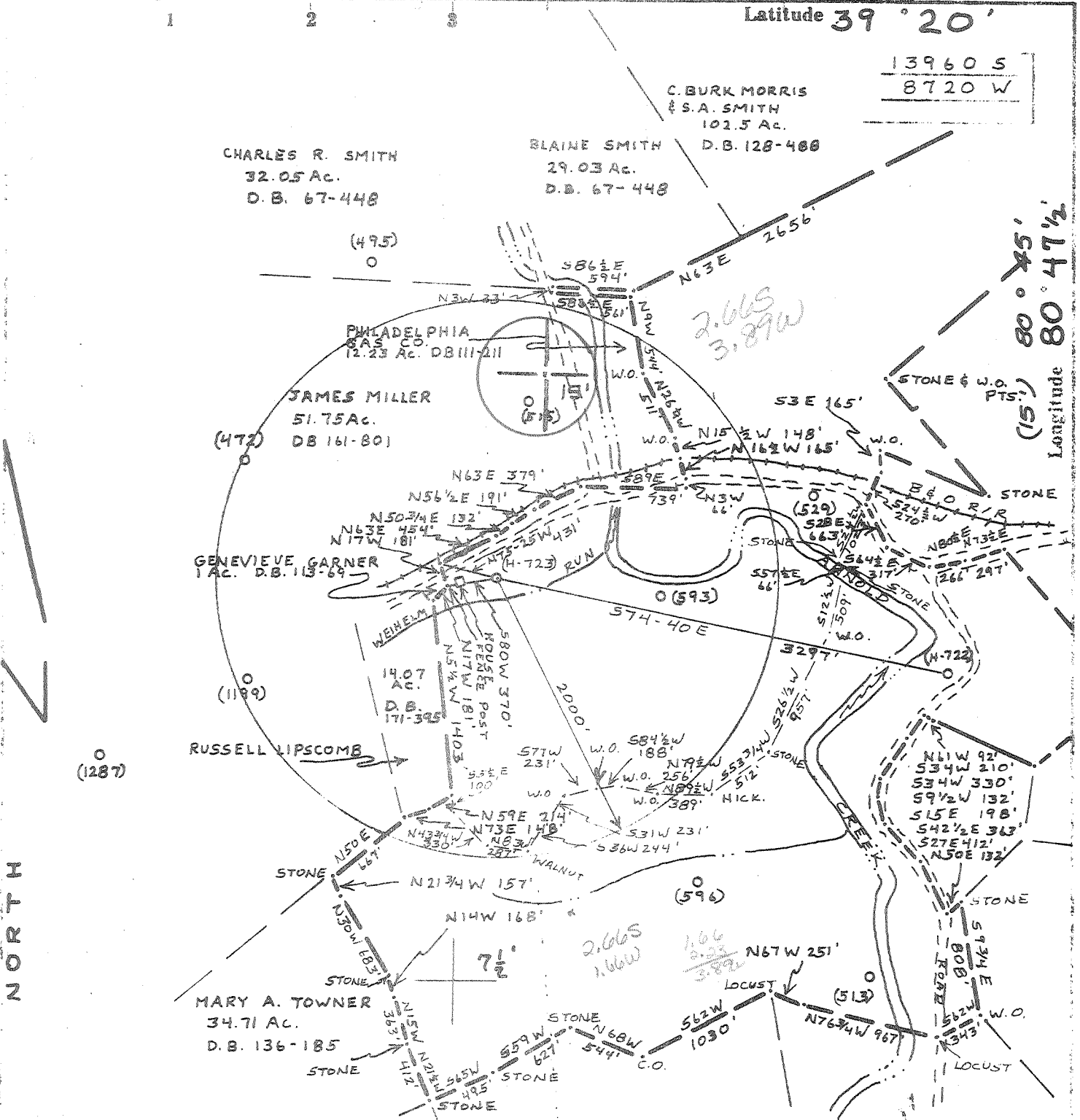
Latitude 39° 20'

13960 S
8720 W

CHARLES R. SMITH
32.05 Ac.
D.B. 67-448

BLAINE SMITH D.B. 128-468
29.03 Ac.
D.B. 67-448

C. BURK MORRIS
& S.A. SMITH
102.5 Ac.



TARGET FORMATION _____
ESTIMATED DEPTH _____

API WELL NO. _____
STATE COUNTY PERMIT _____

PROPOSED WORK:

- Drill
- Locate
- Deepen
- Abandonment

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____

(IF "GAS", PRODUCTION _____ STORAGE _____ DEEP SHALLOW _____)

Source of Elevation B.M. AT RAILROAD BRIDGE ELEV. 816'

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

William F. Mossor

Minimum accuracy, one part in 200

Well Operator GLENN L. HAUGHT & SONS
 Address SMITHVILLE, W.VA. 26178
 Designated Agent WARREN HAUGHT
SMITHVILLE, W.VA. 26178
 SURFACE OWNER C.H. THOMAS 55 ACRES
 OIL & GAS ROYALTY OWNER C.P. HUDSON HRS.
 Lease 489 Lease No. _____
 Operators _____
 (Farm) No. H-723 Serial No. _____
 Elevation (Spirit Level) 791' *SE*
 Water Shed Arnold Creek
 Quadrangle WEST UNION, W.VA. 7 1/2' QUAD. 15'
 County DODDRIDGE District CENTRAL
 Surveyor _____
 Engineer WILLIAM R. MOSSOR, L.L.S.
 Surveyor's or Engineer's Registration No. 551
 File No. _____ Drawing No. _____
 Date 11 JAN. 1979 Scale 1" = 1000'

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

WELL LOCATION MAP
FILE NO. **47-017-2340**

+ Denotes location of well on Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

FEB 9 1979

— Denotes one inch spaces on border line of original tracing.

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. VH-723

API Well No. 47 - 017-2340
State County Perm

WELL TYPE: Oil / Gas x /
(If "Gas", Production x / Underground storage / Deep x / Shallow /)

LOCATION: Elevation: 791' Watershed: Arnold Creek
District: Central County: Doddridge Quadrangle: West Union, WV 7 $\frac{1}{2}$ '

WELL OPERATOR Glenn L. Haught & Sons
Address Smithville, WV 26178

DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178

OIL & GAS ROYALTY OWNER C. P. Hudson Hrs.
Address c/o Wm. Rollins
Central Station, WV 26340

COAL OPERATOR None
Address

SURFACE OWNER C. H. Thomas
Address West Union, WV 26456
Acreage 55

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name None
Address

FIELD SALE (IF MADE) TO:
Name
Address

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address Clarksburg, WV 26301
622-3871

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

RECEIVED
JAN 23 1978

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract x / dated Nov. 30, 1978, to the undersigned well operator from James Drilling Corp.

[If said deed, lease, or other contract has been recorded:]
Recorded on Dec. 4, 19 78, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 105 at page 770. A permit is requested as follows:

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 objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
OR PHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1614 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: 364-341-3493

BLANKET BOND

GLENN L. HAUGHT & SONS
Well Operator
By Warren R. Haught
Partner

[08-78]

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Glenn L. Haught & Sons

Address Smithville, WV 26178

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5600 feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, 75 feet; salt, feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	11 3/4		42 lb.	x		250	250	100 sacks	
Coal									Sizes
Intermediate	8 5/8		20 lb.	x		1800	1800	50 sacks	
Production	4 1/2	K55	10.50	x		5400	5400	150 sacks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: 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.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 9-24-79.

Robert H. [Signature]
Deputy Director - Oil & Gas Division

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

Date: , 19

By
Its