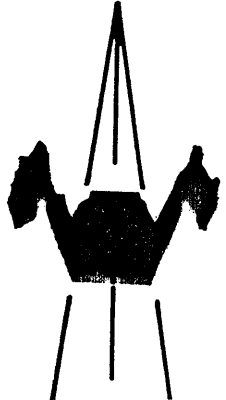
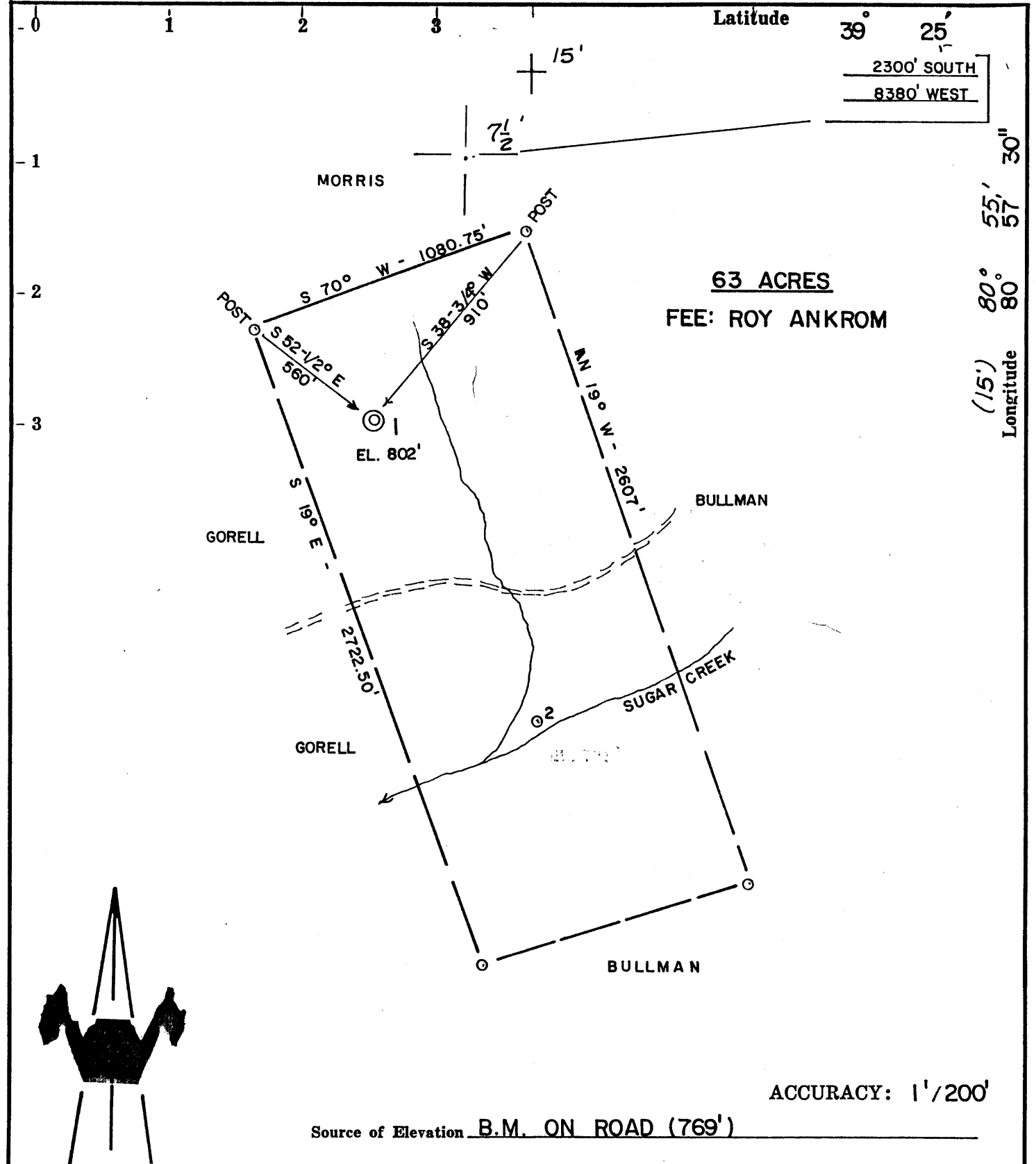


4/6/79 RW

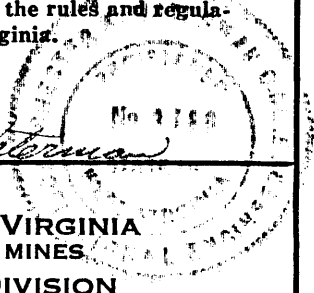


ACCURACY: 1'/200'

Source of Elevation B.M. ON ROAD (769')

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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.



Company	CARL E. SMITH
Address	SANDYVILLE, WV
Farm	ROY ANKROM
Tract	Acres 63 Lease No.
Well (Farm) No.	1 Serial No.
Elevation (Spirit Level)	802'
Quadrangle	MIDDLEBOURNE (7.5'), WEST UNION 15'
County	TYLER District MEADE
Engineer	CHET WATERMAN
Engineer's Registration No.	3788
File No.	79-179 Drawing No.
Date	3/21/79 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. **47-095-0686**

Cancelled

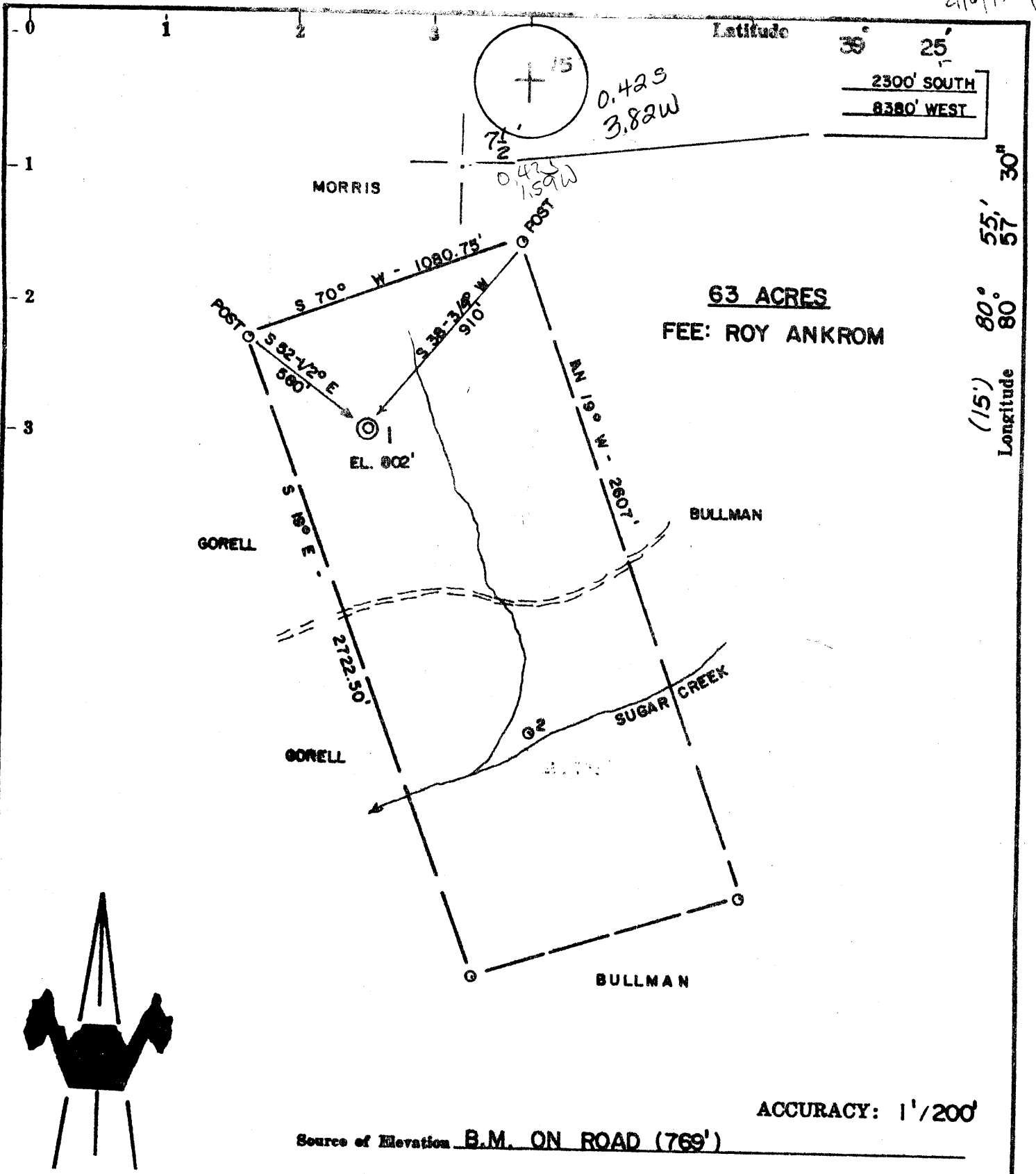
+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

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

FEB 3 1987

5900' Devonian

4/6/79

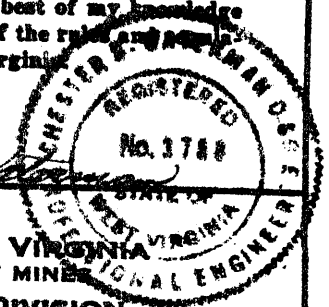


ACCURACY: 1'/200'

Source of Elevation B.M. ON ROAD (769')

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- New Location
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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. **47-095-0686**

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

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APR 27 1979

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. #1
API Well No. 47 - 095 - 0686
State County Permi

WELL TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep / Shallow X /)
LOCATION: Elevation: 802' Watershed: Branch of Sugar Creek
District: Meade County: Tyler Quadrangle: Middlebourne 7.5'

WELL OPERATOR CARL E. SMITH, INC.
Address P. O. Box 4
Sandyville, WV 25275

DESIGNATED AGENT CARL E. SMITH, INC.
Address P. O. Box 4
Sandyville, WV 25275

OIL & GAS ROYALTY OWNER Roy and Leona Ankrom
Address Star Route
Bens Run, WV 26135
Acreage 63

COAL OPERATOR None
Address

SURFACE OWNER Roy and Leona Ankrom
Address Star Route
Bens Run, WV 26135
Acreage 63

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Roy and Leona Ankrom
Address Star Route
Bens Run, WV 26135

FIELD SALE (IF MADE) TO:
Name
Address

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED:
Name Phillip Lee Tracy
Address P. O. Box 173, Dodd. St.
Middlebourne, WV 26149

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

APR - 6 1979

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 X / other contract / dated February 22, 1979, to the undersigned well operator from Roy and Leona Ankrom

[If said deed, lease, or other contract has been recorded:]
Recorded on March 9, 1979, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Lease Book 218 at page 285. 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 GEOLOGICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

CARL E. SMITH, INC.
Well Operator
By [Signature]
Its President

[08-78]

ADVISORY BOARD ON MINES
MINE SAFETY AND HEALTH

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 43000
Sandyville, WV 25275

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5900 feet. Rotary - Cable tools

Approximate water strata depths: Fresh, 150 feet; salt, 1500 feet.

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

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	10 3/4"	H40	32.75#	X		250	250	To surface	Kinds
Fresh water									
Coal									Sizes
Intermediate	7"	K55	20#	X		1900	1900	125	
Production	4 1/2"	K55	10.5#	X		5900	5900	225	Depths set
Tubing	2 3/8"	J55	4.6#	X		5900			
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 covered by the Form IV-2 and its 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 12-09-79.

[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 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 _____