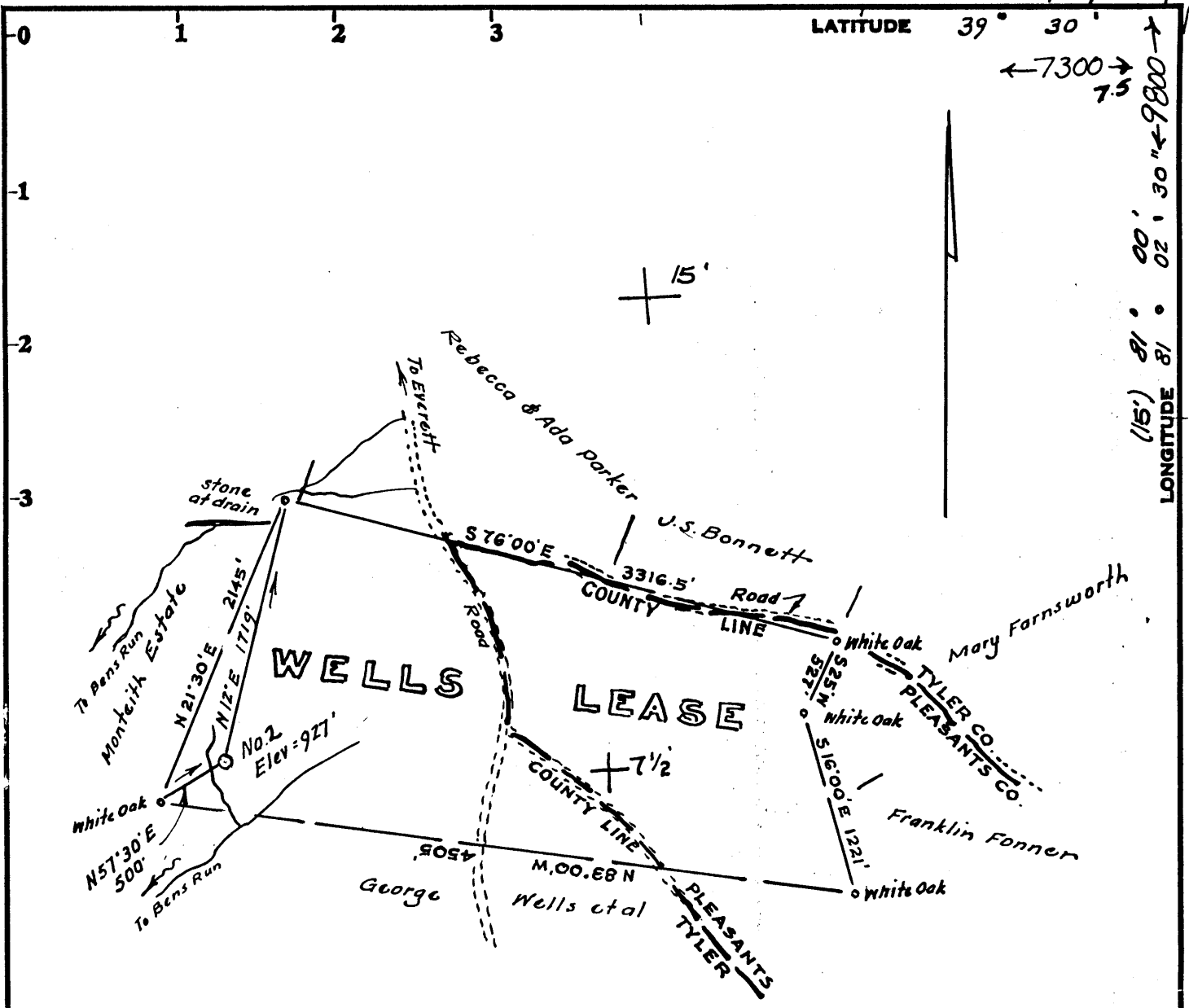


1/29/80



OWNERSHIP
 No coal in this vicinity
 Surface and minerals owned by
 Minnie Wells
 Friendly, West Va.

Minimum Error of Closure 1 in 200

Source of Elevation Elev Well No. Wells Lease, 23 ac = 869

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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.

Signed: *W. H. Hoover*
 Squares: N S E W

Map No. _____

Company IAUDERMAN OIL & GAS CO. DRILLING
 Address P.O. Box 266, Friendly, W.Va.
 Farm Wells Lease
 Tract _____ Acres 156.22 Lease No. _____
 Well (Farm) No. One TWO Serial No. _____
 Elevation (Spirit Level) 927'
 Quadrangle Bens Run 7 1/2, ST. MARKS
 County Tyler District Union
 Engineer *W. H. Hoover*
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date January 15, 1980 Scale 1" = 1000'

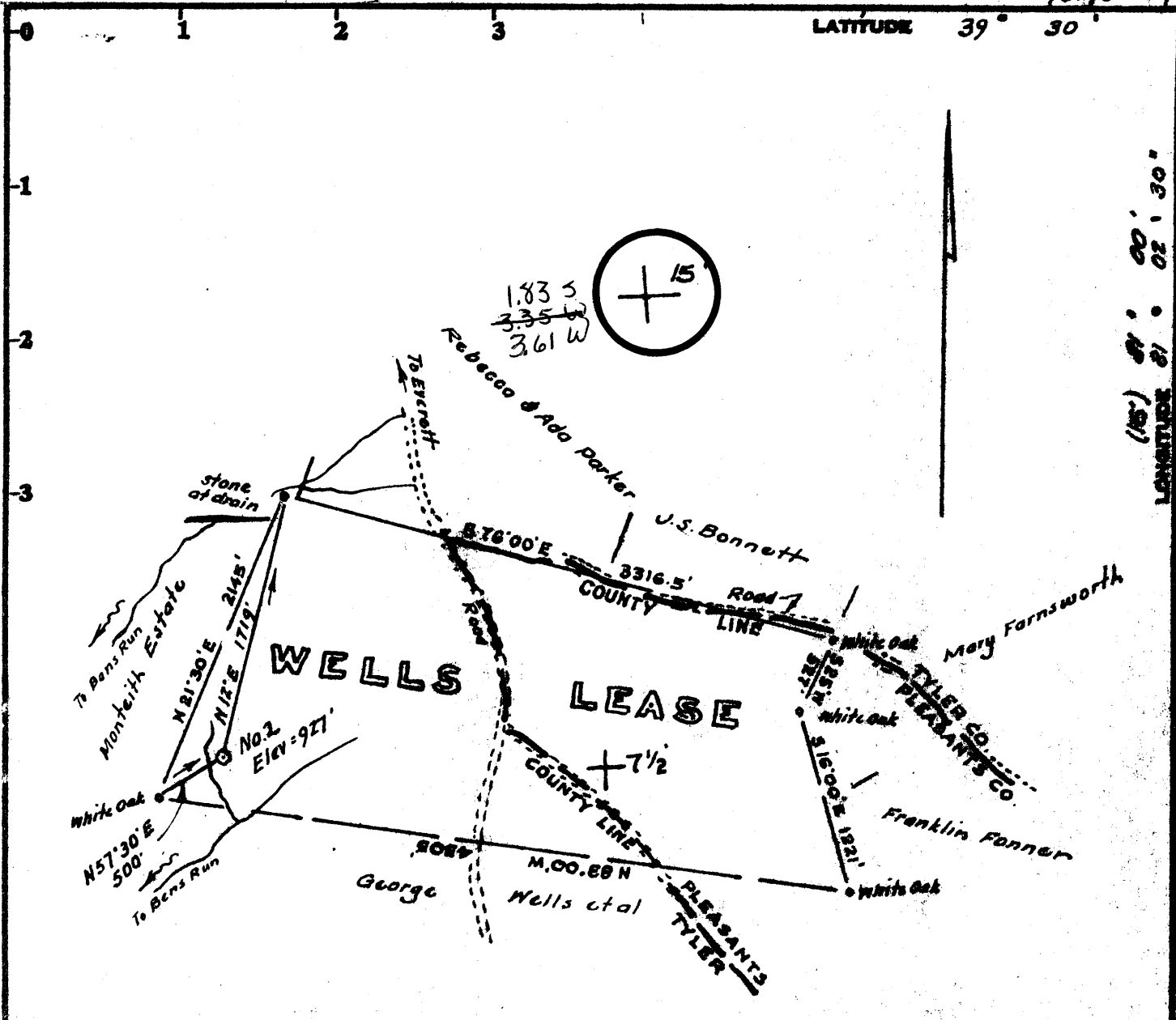
509 STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. 47-095-0775
CANCELLED

+ Denotes location of well on United States Topographic Maps, scale 1 to ^{24,000}/_{62,500} latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

4600 Ohio Shale

1/22/80



OWNERSHIP
 No coal in this vicinity
 Surface and minerals owned by
 Minnie Wells
 Friendly, West Va.

Minimum Error of Closure 1 in 200

Source of Elevation Elev Well No. 1 Wells Lease. 23 or : 869

- Fracture
- New Location
- Drill Deeper
- Abandonment

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.

Signed: M. Hoover
 Squares: N S E W

Company LAUDERMAN OIL & GAS CO.
 Address P.O. Box 266, Friendly, W. Va.
 Farm Wells Lease
 Tract _____ Acres 156.22 Lease No. _____
 Well (Farm) No. One Two Serial No. _____
 Elevation (Spirit Level) 927'
 Quadrangle Bens Run 7 1/2, St. Marys NE
 County Tyler District Union
 Engineer M. Hoover
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date January 15, 1980 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. 47-095-0775

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 2
API Well No. 47-095-0775
State County Permit

WELL TYPE: Oil / GAS
(If "Gas", Production / Underground storage / Deep / Shallow)
LOCATION: Elevation: 869 Watershed: Branch of Sheets Run
District: Union County: Tyler Quadrangle Bens Run 7 1/2

WELL OPERATOR Lauderman Oil & Gas
Address P.O. Box 266
Paden City, W.Va.

DESIGNATED AGENT Phillip Morgan
Address Same

LAND & GAS INTERESTS
PROPERTY OWNER Minnie Wells
Address Rfd
Friendly, W.Va.

COAL OPERATOR Same
Address _____

ACREAGE 156 of 300 tract.
SURFACE OWNER _____
Address _____
Acreage _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____
RECEIVED
JAN 29 1980

LAND & GAS INSPECTOR TO BE NOTIFIED
Name Phillip Tracy
Address Middlebourne, W.Va.
304-758-4573

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 / dated 1 Sept., 1979, to the undersigned well operator from Eugene Carr.
[If said deed, lease, or other contract has been recorded:]

Recorded on Jan 18, 1980, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Middlebourne Book 223 at page 116. A permit is requested as follows:

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 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 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 PHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
5 WASHINGTON STREET EAST
CHARLESTON, WV 25311

Lauderman Oil & Gas
Well Operator
By Phillip Morgan
Its _____ Agent

BLANKET BOND

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-3 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) F.W.A. Drilling Co. & Incorp.

Address P.O. Box 419

Wichita Falls, Tex. 76307

GEOLOGICAL TARGET FORMATION, Ohio Shales

Estimated depth of completed well, 4600 feet Rotary / Cable tools

Approximate water strata depths: Fresh, 50 feet; salt, 1700 feet.

Approximate coal seam depths: None 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)	PACKER
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water								
Coal								Sizes
Intermediate	7"			X		1000	1000	Cemented
Production	4 1/2"			X		T.D.	Cemented Thru Pay Zones	Depths set
Tubing								Perforations:
Access								Top Bottom

NOTE - Regulations 7.02 of the Department of Mines provides that the original and four copies of Form 7.02 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 9-30-80.

Robert F. Hill
Deputy Director, Oil & Gas Division
The permit 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