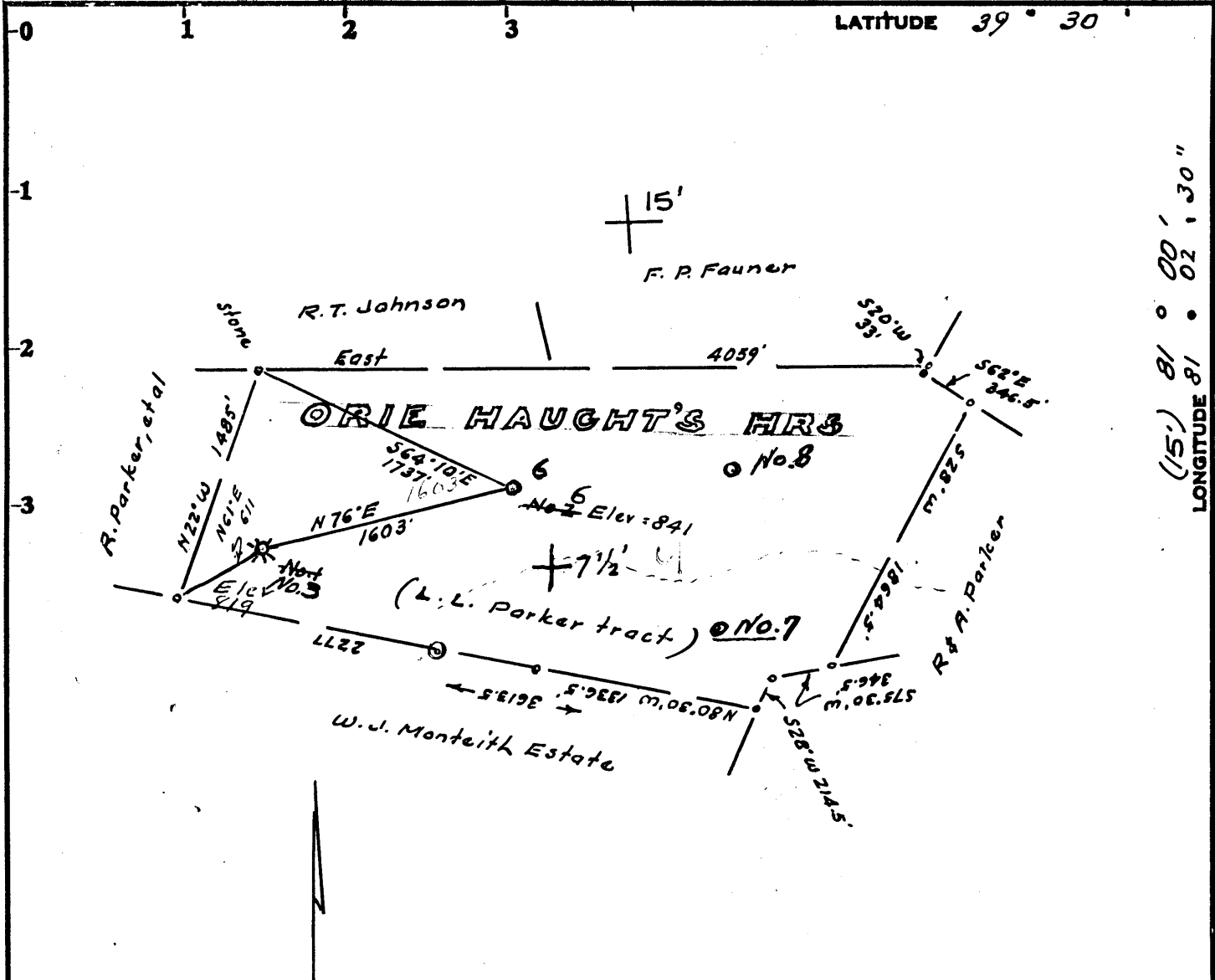


8225'

11/10/79 Rg

LATITUDE 39° 30'



**OWNERSHIP**

No coal  
 Oil & Gas: - Olie Haught's Heirs  
 Surface: - Alice Barnhart  
 St. Marus, W. Va.

Minimum Error of Closure 1 in 200' # 3  
 Source of Elevation Elev Well No. 819 # 3

- 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: [Signature]  
 Squares: N S E W

Map No. \_\_\_\_\_

Company Lauderman Oil & Gas Co. DRILLING 508

Address P.O. Box 266, Paden City, W. Va. (OLIE HAUGHT)

Farm LL Parker tract, (ALICE BARNHART)

Tract \_\_\_\_\_ Acres 162 OF 886 Ac. Lease No. \_\_\_\_\_

Well (Farm) No. 6 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 841

Quadrangle Bens Run 7 1/2, ST. MARUS 15'

County Tyler District Union

Engineer [Signature]

Engineer's Registration No. 1227

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date Oct 29, 1979 Scale 1" = 1000'

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

**WELL LOCATION MAP**

FILE NO. **47-095-0746**

**CANCELLED**

+ Denotes location of well on United States Topographic Maps, scale 1 to <sup>25,000</sup>/<sub>62,500</sub> latitude and longitude lines being represented by border lines as shown.

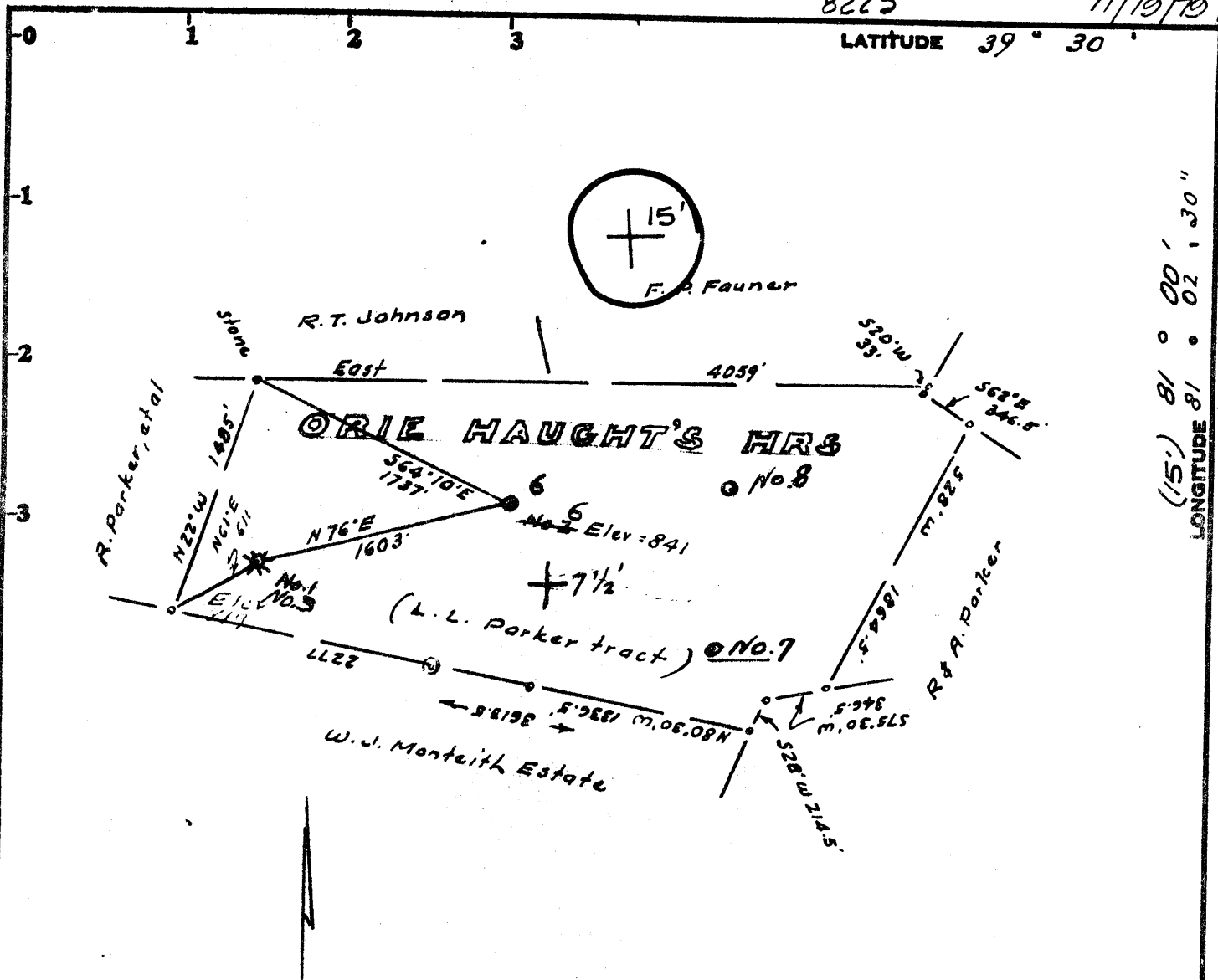
- Denotes one inch spaces on border line of original tracing.

Ohio States H1000

8225'

11/19/79

LATITUDE 39° 30'



LONGITUDE 81° 02' 30" (15') 81° 00' 30" 7050

**OWNERSHIP**

No coal  
 Oil & Gas: - Olie Haught's Heirs  
 Surface: - Alice Barnhart  
 St. Marus, W. Va.

Minimum Error of Closure 1 in 200' # 3  
 Source of Elevation Elev Well No. 6 = 841 # 3

- 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: [Signature]  
 Squares: N S E W

Map No. \_\_\_\_\_

Company Lauderman Oil & Gas Co. DRILLING  
 Address P.O. Box 266, Paden City, W. Va.  
 Farm OLIE HAUGHT  
L.L. Parker tract, (ALICE BARNHART  
 Tract \_\_\_\_\_ Acres 162 OF 886 AC. Lease No. \_\_\_\_\_  
 Well (Farm) No. 7-6 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 841 NE  
 Quadrangle Bens Run 7 1/2, ST. MARUS 15'  
 County Tyler District Union  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Oct 29, 1979 Scale 1" = 1000'

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

**WELL LOCATION MAP**  
 FILE NO. 47-095-0746

+ Denotes location of well on United States Topographic Maps, scale 1 to <sup>24,000</sup>/<sub>63,500</sub> latitude and longitude lines being represented by border lines as shown.  
 DEC 6 1979  
 - Denotes one inch spaces on border line of original tracing.

*Ohio States H.A.H.*

**ORIGINAL**

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X

(If "Gas", Production      / Underground storage      / Deep X Shallow     )

LOCATION: Elevation: 841 Watershed: Buffalo Fork

District: Union County: Tyler Quadrangle:     

WELL OPERATOR Lauderman Oil & Gas Drilling

Address 311 South 4th Avenue  
Paden City, W.Va. 26159

DESIGNATED AGENT Phillip Morgan

Address Same

OIL & GAS ROYALTY OWNER Haught Heirs

Address RFD 1  
Friendly, W.Va.

COAL OPERATOR Ralph Haught

Address Same

ACREAGE 162  
SURFACE OWNER ALICE BARNHART

Address ST. MARYS INV.

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name     

Address     

FIELD SALE (IF MADE) TO:

Name     

Address     

Name     

Address     

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Phillip Tracy

Address Middlebourne, W.Va. 26149  
758-4573

COAL LESSEE WITH DECLARATION ON RECORD:

Name     

Address     

NOV 21 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 Nov. 30, 1978, to the undersigned well operator from Ralph Haught

[If said deed, lease, or other contract has been recorded:]

Recorded on 2 May, 1979, in the office of the Clerk of the County Commission of      County, West Virginia, in      Book 219 at page 102. 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 plot 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  
GEO PHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS  
CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311

BLANKET BOND

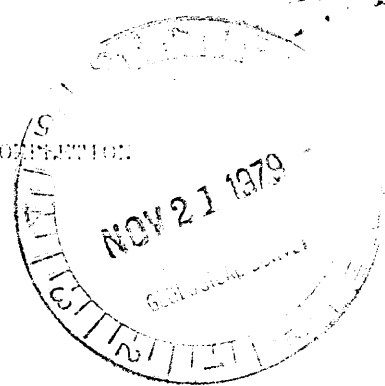
Lauderman Oil & Gas Drilling  
Well Operator

By Phillip Morgan  
Its Agent

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-21 UPON COMPLETION



DRILLING CONTRACTOR (IF KNOWN) Unknown at Present

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION, Ohio Shales

Estimated depth of completed well, 4,000 feet Rotary  / Cable tools

Approximate water strata depths: Fresh, 100 feet; salt, 1900 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	8 5/8					260		
Production	4 1/2					Cemented thru Pay Zones		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-3, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 22, (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 drilling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well if the work for which a permit is sought and the fee required by Code § 22-4-12a is included 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 7-20-80.

*Robert B. [Signature]*

Deputy Director - Oil & Gas Division

The following data must be completed by the well 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 now 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 \_\_\_\_\_