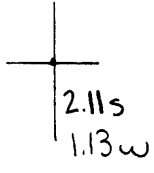


Latitude

Longitude



Topo Location

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company Tehow Drilling Co

Farm George Landmyer #1

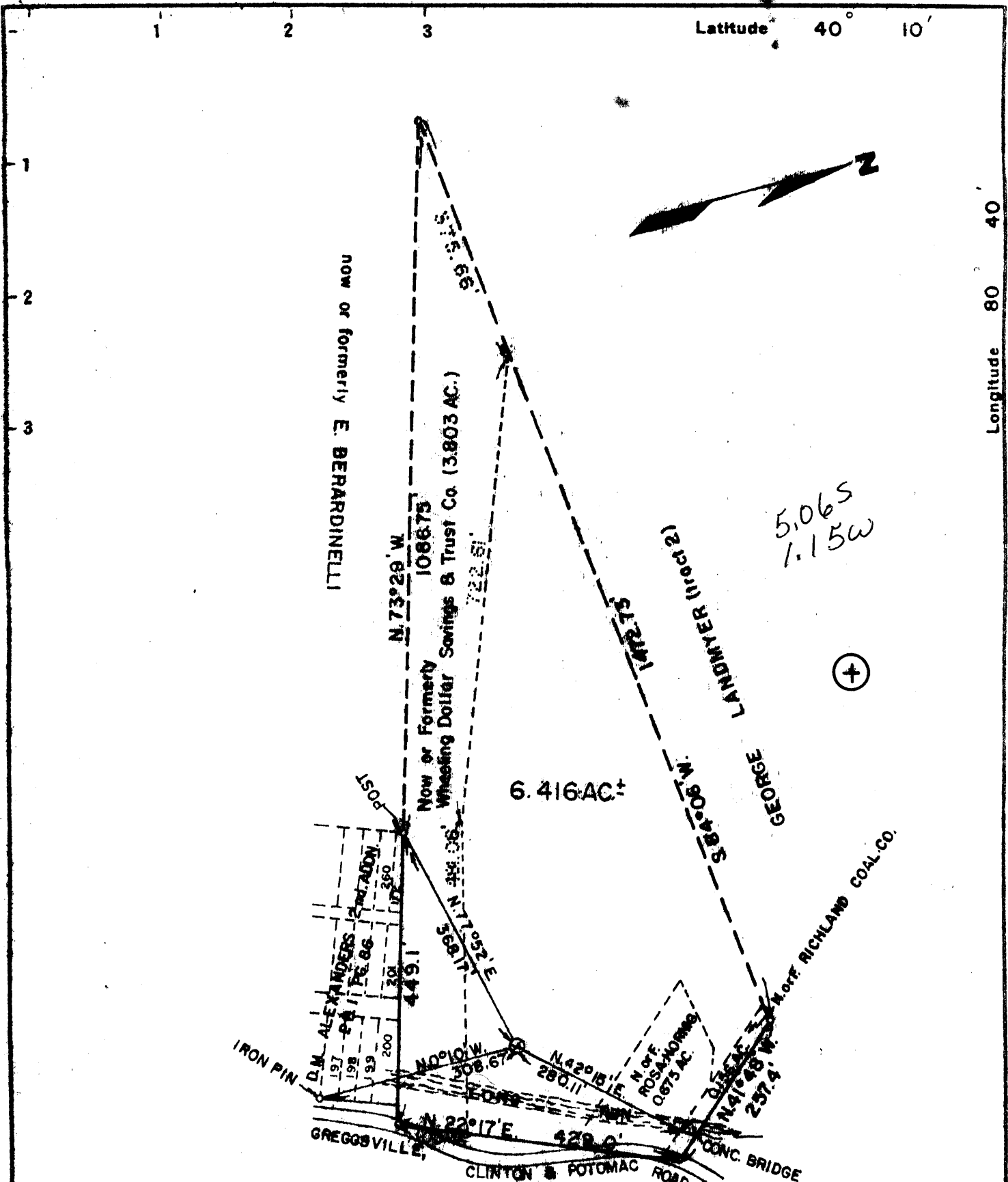
15' Quad \_\_\_\_\_  
(sec.)

7.5' Quad Whooling

District Richland

WELL LOCATION PLAT

County 069 Permit 25



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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

MINIMUM ERROR OF CLOSURE 1:2000 ELEVATION: BUBBLE UNDER 0.1'

Now location   
 Drill Deeper   
 Abandonment

Company TEDROW DRILLING CO.  
 Address R.D. 1, SUGARCREEK, OHIO  
 Farm GEORGE LANDMYER  
 Tract 1 Acres 6.416 ± Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 757.9'  
 Quadrangle WHEELING WC  
 County OHIO District RICH.-WASH.  
 Engineer John R. Schellhauer  
 Engineer's Registration No. 5214  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 9/26/73 Scale 1" = 200'

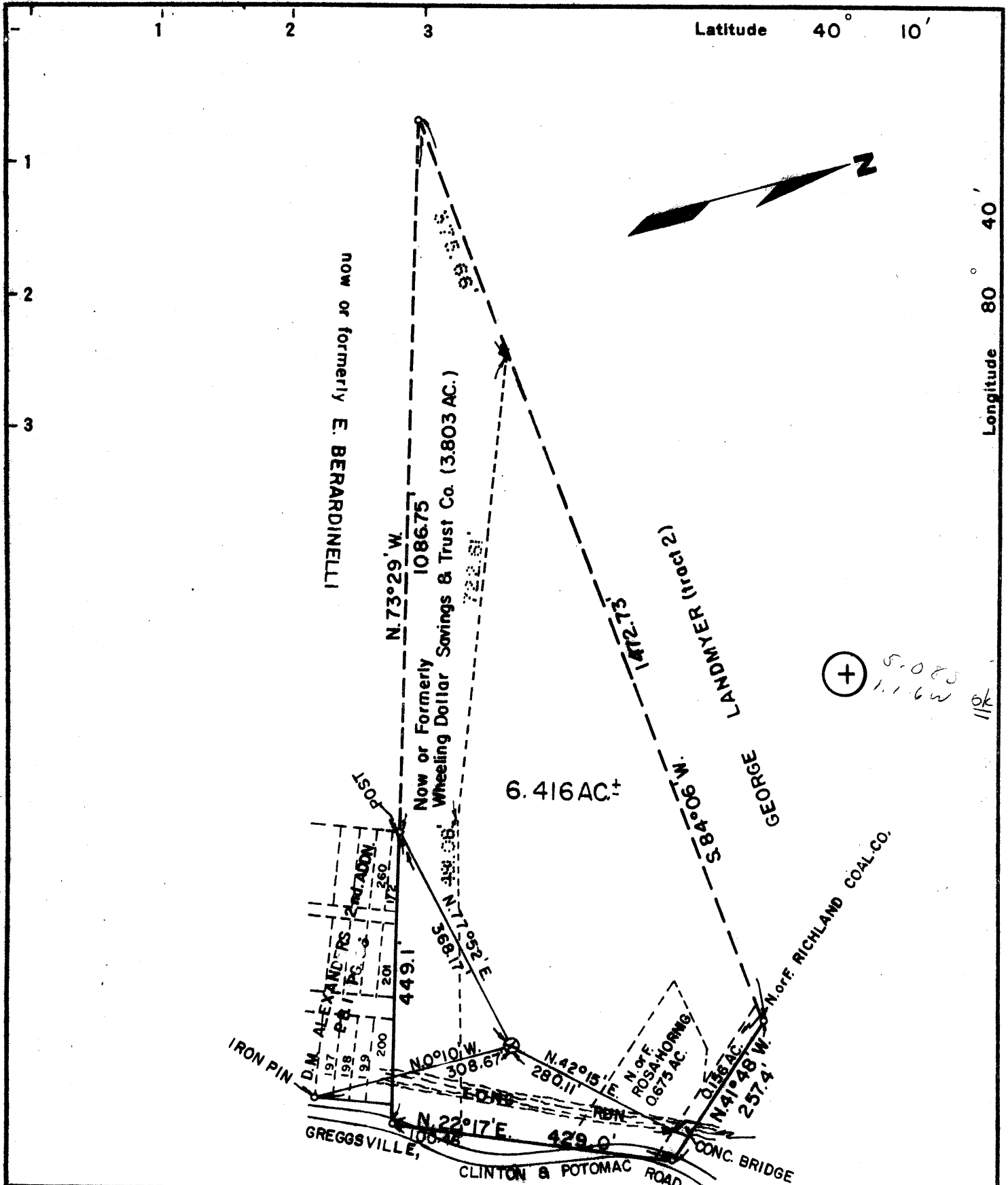
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. Ohio-25-P

+ 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.

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

47-069



(+) 5.085  
1.116W  
1/6

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.  
 The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.  
 MINIMUM ERROR OF CLOSURE 1:25000 ELEVATION: BUBBLE UNDER 0.1'  
 SOURCE OF ELEV.: U.S.G.S. By City of Wheeling - Top of Mt. Pleasant - 86 = 733.90

Company TEDROW DRILLING CO.  
 Address R.D. 1, SUGARCREEK, OHIO  
 Farm GEORGE LANDMYER  
 Tract 1 Acres 6.416 ± Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 757.9'  
 Quadrangle WHEELING WC  
 County OHIO District RICH.-WASH.  
 Engineer John R. Schellhaas  
 Engineer's Registration No. 5214  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 9/26/73 Scale 1" = 200'

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

**WELL LOCATION MAP**  
 FILE NO. Ohio - 25

+ 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. NOV 27 1973

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

**47-069**



**RECEIVED**

FEB 27 1974

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal Dry (Kind)  G. WOLT

Quadrangle WHEELING  
Permit No. OHIO #25-

Company TEDROW DRILLING CO.  
Address RT #1 SUGARCREEK OHIO  
Farm GEORGE LANDMYER Acres 6.416  
Location (waters) LONG RUN OF WHEELING CK.  
Well No. 1 Elev. 752.9  
District RICHLAND County OHIO  
The surface of tract is owned in fee by GEORGE LANDMYER  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling Commenced 1-21-74  
Drilling Completed 1-23-74  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.  
Well treatment details: \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			To SURFACE 30 SKIDS
Cond. 13-10"			
9 5/8			
8 5/8	101	101	
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water 20 Feet \_\_\_\_\_ Salt Water 925 Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
SAND & SHALE	GRAY		0	100		WATER 20'
RED ROCK			100	200		
SAND SHALE	GRAY		200	1000		WATER 925'
LIME			1000	1020		
SAND	Injan		1020	1265		
SHALE			1265	1275		
				1275		T.D. DRY hole

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

NOV 8 1973

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE November 8, 1973

Surface Owner (Same)

Company Tedrow Drilling Company

Address \_\_\_\_\_

Address RD #1, Sugarcreek, Ohio

Mineral Owner None

Farm George Landmyer Acres 6.416±

Address \_\_\_\_\_

Location (waters) Longrun of Wheeling Creek

Coal Owner None

Well No. 1 Elevation 757.9'

Address \_\_\_\_\_

District Richland County Ohio

Coal Operator None

Quadrangle Wheeling

Address \_\_\_\_\_

Week days Mr. Paul  
DIRECTOR TO BE NOTIFIED Garrett

Box 276 PH: 337-9386

Paden City

W. Va. 26159

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 3-8-74.

T. J. Good  
Deputy Director - Oil & Gas Division

week ends: Ph: 622-3871  
321 Beach St.  
Clarksburg, W. Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 11-27 1885 by D. M. & Rose Alexander made to Mary Landmyer and recorded on the 22nd day of August 1973 in Ohio County, Book 77 Page 387

XX NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, Tedrow Drilling Company

(Sign Name) Benjamin Jackson  
Well Operator

Address  
of  
Well Operator

RD #1,  
Street  
Sugarcreek  
City or Town  
Ohio  
State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit, reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BOND DRILL

OHIO-25

47-069

PERMIT NUMBER

**THIS IS AN ESTIMATE ONLY**  
**ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XXX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME Edmund Berardinelli  
 ADDRESS \_\_\_\_\_ ADDRESS Warwood, West Virginia  
 TELEPHONE \_\_\_\_\_ TELEPHONE 277-2778  
 ESTIMATED DEPTH OF COMPLETED WELL: 1300' ROTARY \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 TYPE OF WELL: OIL X GAS X COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

**TENTATIVE CASING PROGRAM:**

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7	<u>250'</u>	<u>250'</u>	<u>To Surf.</u>
5 1/2			
4 1/2		<u>1300'</u>	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS None  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

**TO DRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

**TO DRILL DEEPER OR REDRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

**TO FRACTURE - STIMULATE:**

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion \_\_\_\_\_ . Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code

\_\_\_\_\_  
 For Coal Company

\_\_\_\_\_  
 Official Title