

Redrill -   
 New Location..   
 Drill Deeper.....   
 Abandonment.....

MAP SHEET 53 S.5W.11 FB 1159 P.34

Equitable Gas Company  
 Company ~~HOME NATURAL GAS CO.~~  
 Address ~~PITTSBURGH, PA. 15219~~  
~~CLARKSBORO, W.VA.~~  
 Farm E.C. FERGUSON  
 Tract \_\_\_\_\_ Acres 36 Lease No. 3322  
 Well (Farm) No. 5500 Serial No. 1528  
 Elevation (Spirit Level) 965  
 Quadrangle WEST UNION EC  
 County TYLER District MCELROY  
 Engineer Guy H. Bradley  
 Engineer's Registration No. 2425  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 11-5-56 Scale 1" = 300'

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

**WELL LOCATION MAP**  
 FILE NO. JYL-881-A  
 Reissued As: TYL-476-RED

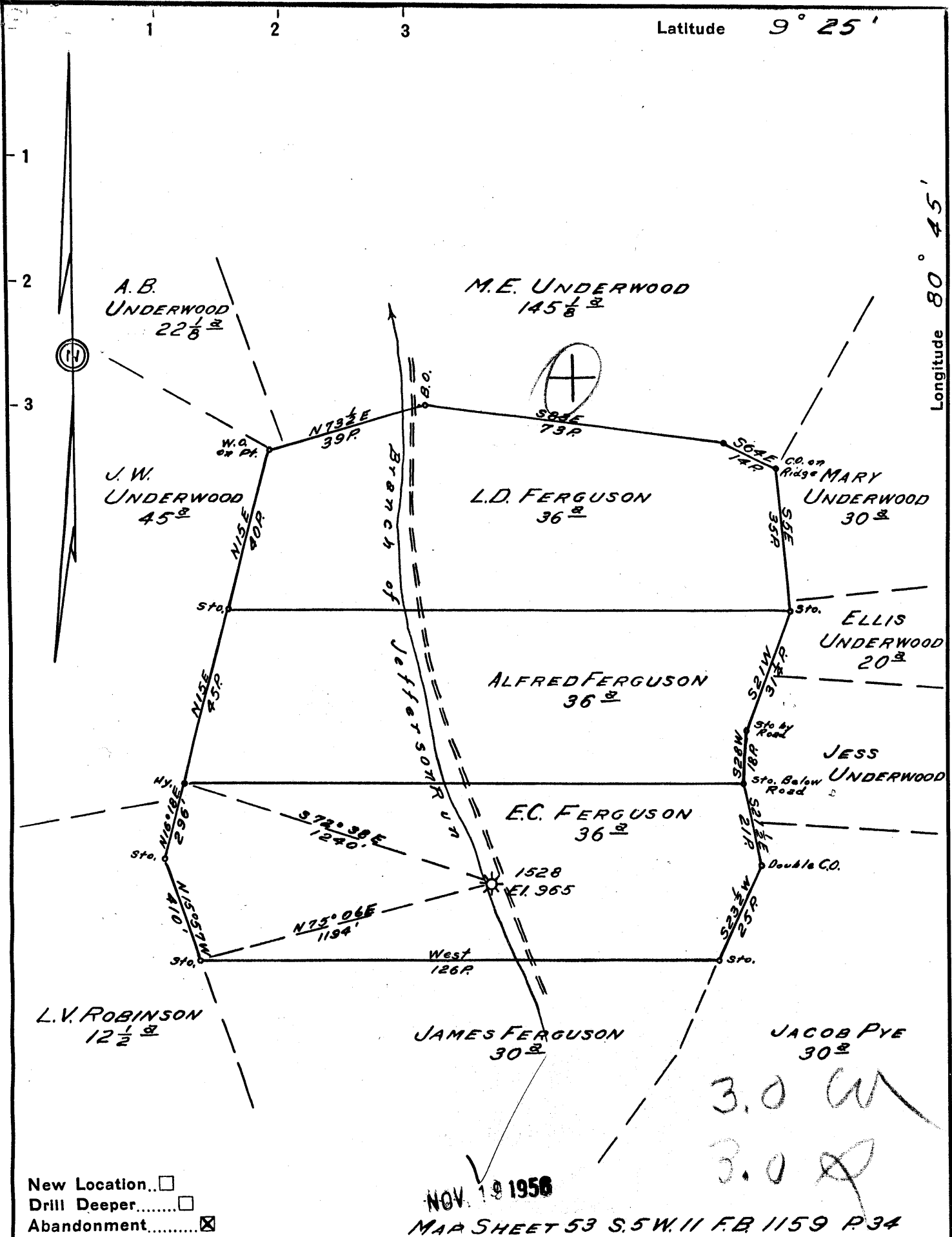
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

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

47 095

Latitude 9° 25'

Longitude 80° 45'



New Location...   
 Drill Deeper.....   
 Abandonment.....

NOV. 19 1956

MAP SHEET 53 S. 5 W. 11 F.B. 1159 P. 34

3.0 W  
 3.0 R

Company HOPE NATURAL GAS CO.  
 Address CLARKSBURG, W. VA.  
 Farm E.C. FERGUSON  
 Tract \_\_\_\_\_ Acres 36 Lease No. 3322  
 Well (Farm) No. \_\_\_\_\_ Serial No. 1528  
 Elevation (Spirit Level) 965  
 Quadrangle WEST UNION  
 County TYLER District MC ELROY  
 Engineer Guy H. Bradley  
 Engineer's Registration No. 2425  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 11-5-56 Scale 1" = 30 P.

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

WELL LOCATION MAP  
 FILE NO. JYL-881-A

near 47 1/2

+ 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.

E.C. FERGUSON NO. 1528 — HOPE N.G. CO. — JYL-881-A



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division  
WELL RECORD

RECEIVED

AUG 25 1975

OIL & GAS DIVISION  
DEPT. OF MINES

Quadrangle West Union NE 4.3  
Permit No. TYL-476-RBD

Rotary XX Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage XX  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company Equitable Gas  
Address Pittsburgh, Pa. 15219  
Farm E. C. Ferguson Heirs Acres 36  
Location (waters) Jefferson Run  
Well No. 5500 Elev. 965  
District McElroy County Tyler  
The surface of tract is owned in fee by \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8 (old)		1019	Ran in 1917
7 *	1776	1776	240 sks. to top
5 1/2			
4 1/2	1866	1866	50 sks. to top gel to surface
3			
2			
Liners Used			

Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Re- Drilling Commenced 10-25-74  
Re- Drilling Completed 7-28-75  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.  
Well treatment details: \_\_\_\_\_

Attach copy of cementing record.  
\* Old 7" in hole from 1807 to 1830

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
Producing Sand Big Injun gas storage Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Big Dunkard Sand			943	965		
Gas Sand			1100	1150		
Salt Sand			1218	1604		
Maxton Sand			1663	1668		
Little Lime			1771	1786		
Big Lime			1808	1864		
<u>Big Injun Sand</u>			1867	2020		
Weir Sand			2177	2274		
Gantz Sand			2380	2384		
<u>Gordon Stray Sand</u>			2507	2525		
Re-drilled to				2599		
Cement Plug Back to				1917		
Completed Total Depth				1917		

1808  
965  
-843

Note: Gamma log from surface to 2592.

(over)

\* Indicates Electric Log tops in the remarks section.



768

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle West Union

Permit No. 661-A

WELL RECORD

Gas  
Oil or Gas Well (KIND)

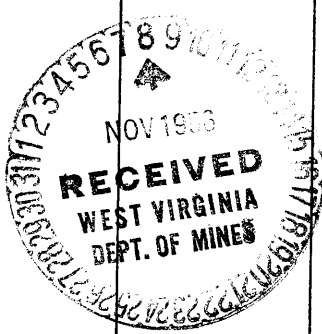
Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm E. C. Ferguson Acres 36  
Location (waters) \_\_\_\_\_  
Well No. 1528 Elev. 965  
District McElroy County Tyler  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 1-14-10  
Drilling completed 2-9-10  
Date Shot 10-9-11 From 2586 To 2598  
With 30 Qts.  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil None bbls., 1st 24 hrs.  
Fresh water No Record feet \_\_\_\_\_ feet  
Salt water do feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4	1014	1014	
6 5/8	1826	1826	Depth set
5 3/16	2557	2557	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
**No Cementing**  
COAL WAS ENCOUNTERED AT 80 FEET Unknown INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native Coal			80	?			
Little Dunkard			930	980			
Big Dunkard			1085	1130			
Gas Sand			1175	1190			
First Salt			1332	1444			
2nd Salt			1530	1560			
MAXON			1640	1702			
Big Lime			1788	1866	Gas	1882'	
Big Injun			1866	2024	Gas	1960	
Gantz			2145	2260			
Lime			2260	2529			
Thirty Foot			2529	2541			
Gordon			2579	2596	Gas	2588	
Total Depth				2631'			

NOW: 476



November 7, 1956  
*Jack Barley*  
Hope Natural Gas Company

(Over)

MAR 25 1958



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

OCT 3 1974

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 September 30, 1974

Surface Owner \* See below

Company Equitable Gas

Address \_\_\_\_\_

Address Pgh., PA 15219

Mineral Owner \_\_\_\_\_

Farm E. C. Ferguson Heirs acres 36

Address \_\_\_\_\_

Location (waters) Jefferson Run

Coal Owner \_\_\_\_\_

Well No. 5500 Elevation 965

Address \_\_\_\_\_

District McElroy County Tyler

Coal Operator \_\_\_\_\_

Quadrangle West Union NE 4<sup>3</sup>

Address \_\_\_\_\_

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All operations being in accordance with Chapter 22,  
of the W. Va. Code, the location is hereby approved  
for redrilling. This permit shall expire if  
operations have not commenced by 2-3-75

Deputy Director - Oil & Gas Division

PERSON TO BE NOTIFIED Paul Goodnight  
Smithville, W.Va. PH: 477-2455

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 \* See below 19     by \_\_\_\_\_ made to \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19    , in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

\_\_\_\_\_     NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ XX 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.

\* Order dated Sept. 16, 1974 grants Storage Rights, Pipeline Rights together with surface ingress, egress and regress acquired in condemnation action in Current Court of Tyler County. (Civil Action No. 1332).

Very truly yours, S. M. Linger  
(Sign Name) Equitable Gas Company  
Well Operator

Address of Well Operator

420 Blvd. of the Allies  
Street  
Pittsburgh,  
City or Town  
Pennsylvania 15219  
State

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey  
P. O. Box 879  
Martinsburg, W. Va. 26505

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.

(Formerly: TYL-881-A)  
TYL-476-RED. PERMIT NUMBER

BLANKET BOND

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

PROPOSED WORK ORDER TO Re DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME H. E. Gardner, Div. Supt. \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ ADDRESS Box 1550, Clarksburg, W. VA \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE (304) 624-6576 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 1900 \_\_\_\_\_ ROTARY XX \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun \_\_\_\_\_  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB. \_\_\_\_\_ STORAGE XX \_\_\_\_\_ 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	1696	1696	Cem. to surface
5 1/2			
4 1/2	1865	1865	Cem. to 1500'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_

APPROXIMATE COAL DEPTHS No mineable coal \_\_\_\_\_, \_\_\_\_\_

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 for bond release. Inspector to be notified twenty-four (24) hours in advance.

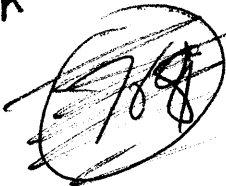
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

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

Tyler 881A  


# HOPE NATURAL GAS COMPANY

Salem, W. Va.  
Nov. 28, 1956

Mr. Bryan Shuman  
Wylieville, W. Va.

Dear Sir:

Re: Well # 1528 Abd.

### Work Order

Remove strings of casing and tubing filling solid to surface with aquagel and spot plugs of cement at the following depths:

- 2559' - two bags cement
- 1846' - two bags "
- 1768' - three " "
- 1024' - three " "
- 910' - three " "

Cement solid from 125' to 60' account of coal seam- Used 22 bags cement.

Erect concrete marker over hole.

### Pipe Record

- 8-5/8" Casing - 1014' Abd. in well
- 7" " - Pulled 1696' and Abd. 128'
- 5-1/2" " - Pulled 2544' and Abd. 13'

### Material used

- 16 bags aquagel
- 35 bags cement
- 2 bags cement- to erect monument

Started abandoning - 11-8-56  
Completed " - 11-27-56

Yours truly,  
*E. M. Lazear*  
E. M. Lazear, Supt.