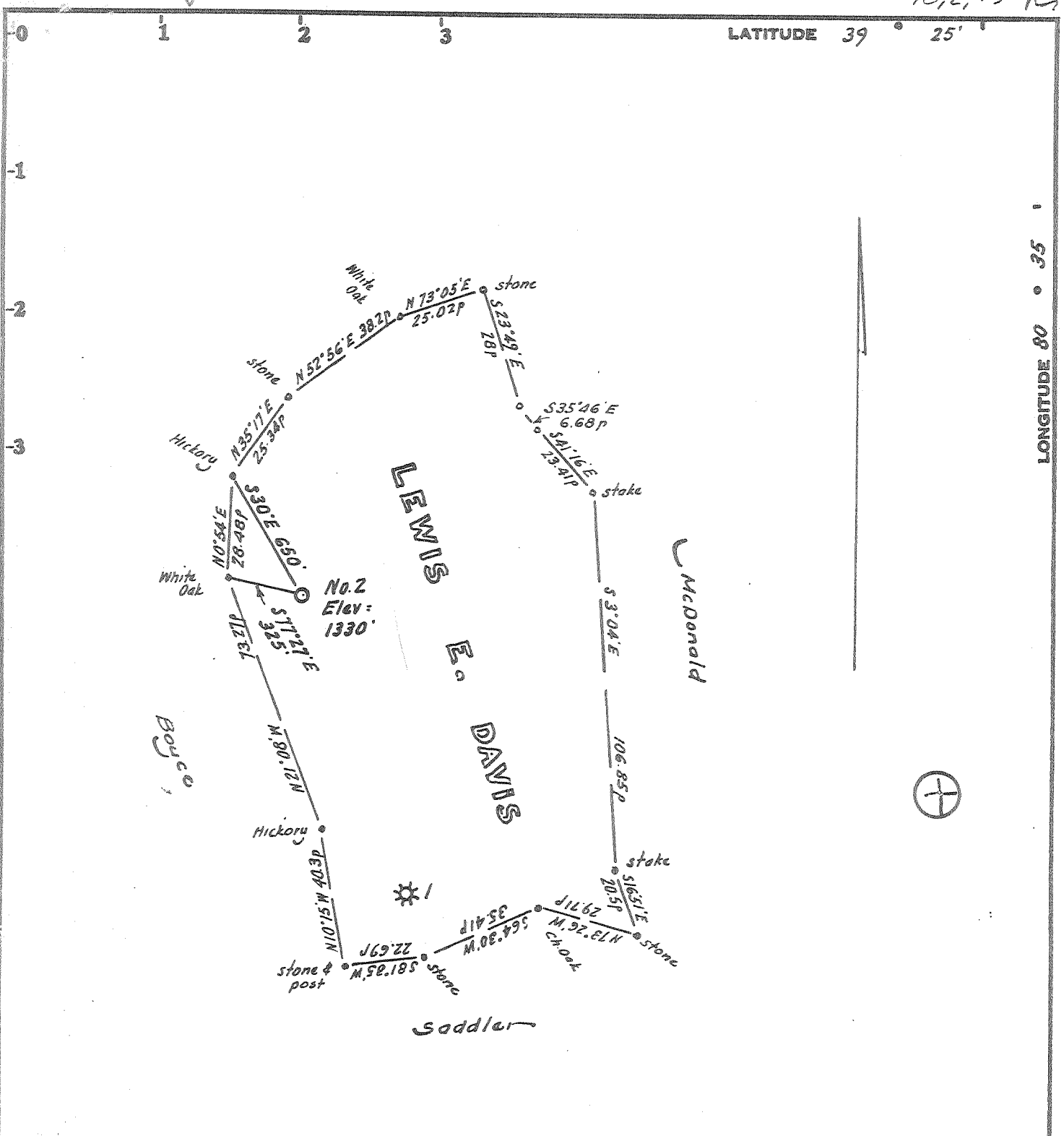


10,2,75 *R*



Minimum Error of Closure 1 in 200'

Source of Elevation Elev. Well No. 1 = 1258'

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....  12/22/75

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. S. [Signature]*

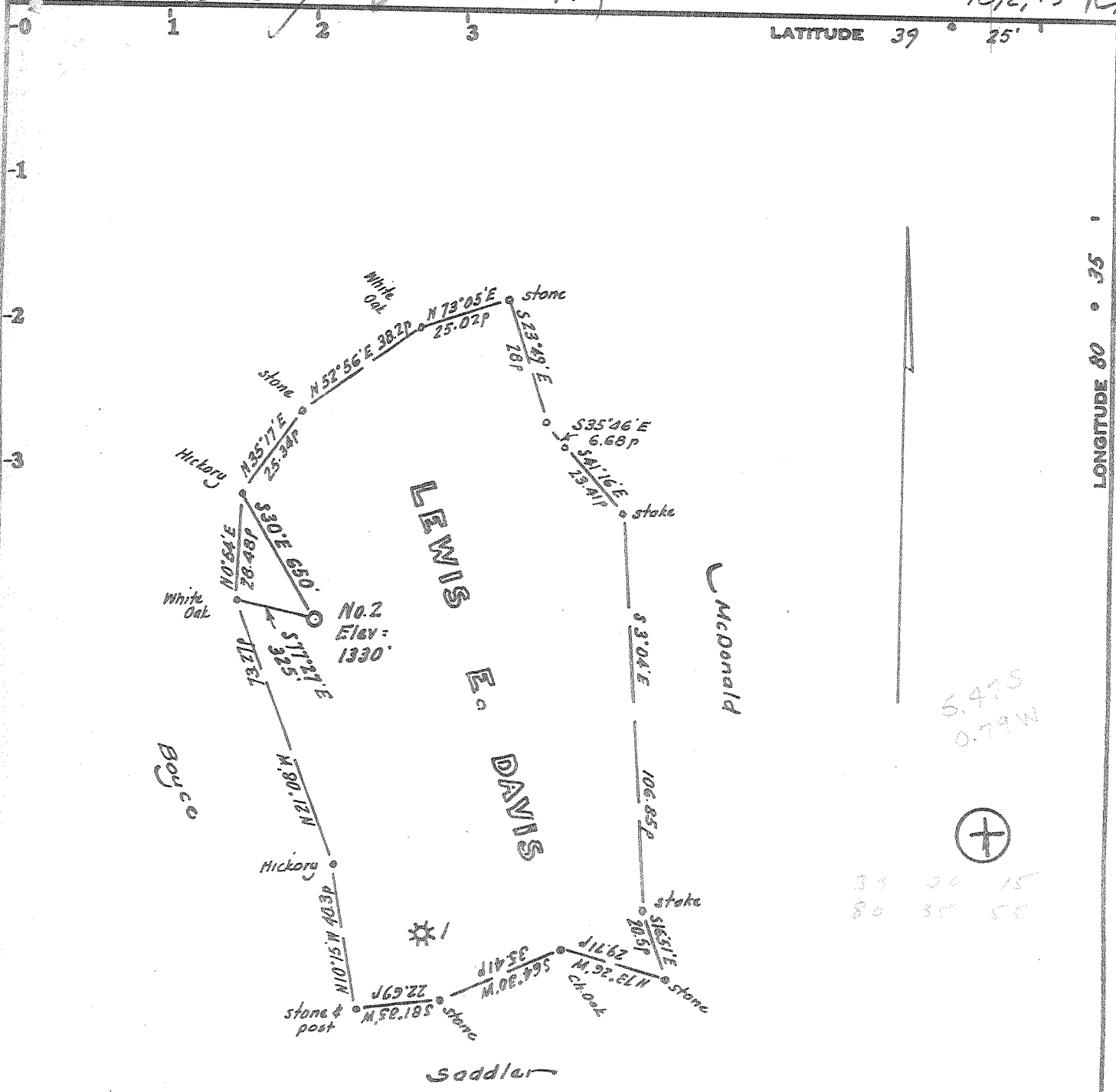
Squares: N S E W

Company RAMCO OIL & GAS CORP.  
 Address P.O. Box 99, Belpre, Ohio.  
 Farm Lewis E. Davis  
 Tract \_\_\_\_\_ Acres 63 Lease No. \_\_\_\_\_  
 Well (Farm) No. Two Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1330  
 Quadrangle Centerpoint C  
 County Doddridge District McClellan  
 Engineer [Signature]  
 Surveyor's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Sept 9, 1975 Scale 1" = 40p = 660'

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

**WELL LOCATION MAP**  
 FILE NO. DOD-1790-P

+ Denotes location of well on United States Topographic Maps, scale 1 to \_\_\_\_\_, latitude and longitude lines being represented by border lines as shown.  
 - Denotes one inch spaces on border line of original tracing.  
**47-017**



Minimum Error of Closure 1 in 200'

Source of Elevation Elev. Well No. 1 = 1258'

- 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

Company RAMCO OIL & GAS CORP.  
 Address P.O. Box 99, Belpre, Ohio.  
 Farm Lewis E. Davis  
 Tract \_\_\_\_\_ Acres 83 Lease No. \_\_\_\_\_  
 Well (Farm) No. Two Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1330  
 Quadrangle Centerpoint C  
 County Doddridge District McClellan  
 Engineer [Signature]  
 Surveyor's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Sept 9, 1975 Scale 1" = 40p = 660'

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

**WELL LOCATION MAP**  
 FILE NO. DOD-1790

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

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

**47-017**



RECEIVED

MAR 1 1976

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division  
WELL RECORD

Quadrangle Centerpoint  
Permit No. DOD-1790

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

Company RAMCO Oil & Gas Corp.  
Address P. O. Box 99, Belpre, Ohio 45714  
Farm Lewis Davis Acres 83  
Location (waters) Big Run  
Well No. 2 Elev. 1330'  
District McClellan County Doddridge  
The surface of tract is owned in fee by \_\_\_\_\_  
Leonard Edgell  
Address Centerpoint, W. Va.  
Mineral rights are owned by Lewis Davis Heirs  
Address Centerpoint, W. Va.  
Drilling Commenced 12/11/75  
Drilling Completed 12/20/75  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production dry cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

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			
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Plugged by Halliburton.

Attach copy of cementing record.

Coal was encountered at 980 Feet 84 Inches  
Fresh water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	20		
Shale			20	65		
Sand			65	230		
Sand & Shale			230	505		
Sand & Red Rock			505	665		
Sand			665	980		
Coal			980	987		
Sand & Shale			987	1120		
Salt Sand			1120	1269		
Sand & Shale			1269	1425		
Sand			1425	1535		
Sand & Shale			1535	2150		
Shale			2150	2200		
Sand			2200	2210		
Big Lime			2210	2235		
Keener			2235	2340		
Big Injun			2340	2378		
Squaw			2378	2420		
Shale			2420	2430		
TD			2430			

*Porosno above Weir*

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 30, 1975

Surface Owner Leonard Edgell

Company RAMCO Oil & Gas Corp.

Address Centerpoint, W. Va.

Address P.O. Box 99, Belpre, Ohio 45714

Mineral Owner Lewis Davis Heirs

Farm Lewis Davis Acres 83

Address Centerpoint, W. Va.

Location (waters) Big Run

Coal Owner Lewis Davis Heirs

Well No. 2 Elevation 1330'

Address Centerpoint, W. Va.

District McClellan County Doddridge

Coal Operator None - no coal is being mined in the area.

Quadrangle Centerpoint

Address \_\_\_\_\_

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 2-2-76.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett  
622-3871  
PH: \_\_\_\_\_ ADDRESS 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 December 15, 1975 by Randall V. Roton made to RAMCO Oil & Gas Corp. and recorded on the 15th day of February 1975, in Doddridge County, Book 98 Page 290

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.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey  
P. O. Box 879  
Morgantown, W. Va. 26505  
AC 304-296-4461

Very truly yours, RAMCO OIL & GAS CORP.  
(Sign Name) by: Carol E. Moore  
Well Operator

Address  
of  
Well Operator

P. O. Box 99  
Street  
Belpre,  
City or Town  
Ohio 45714  
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.

BLANKET BOND

DOD-1790

PERMIT NUMBER

47-017

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

PROPOSED WORK ORDER TO  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Snow Drilling Company NAME Deon Sturm  
 ADDRESS Salem, West Virginia ADDRESS 3514 Cadillac Dr., Parkersburg, W. Va.  
 TELEPHONE (304) 782-1356 TELEPHONE (304) 422-2014  
 ESTIMATED DEPTH OF COMPLETED WELL: 2400' ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS  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	1000'	1000'	cemented to surface
7			
5 1/2			
4 1/2		2400'	350'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS 970'  
 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