

Longitude 80 ° 45 '

- Fracture....
- Redrill..... *issued*
- New Location. *8-7-74*
- Drill Deeper.....
- Abandonment.....

Source of Elevation **BM 731' BRIDGE @ McELROY CREEK**

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.

Minimum accuracy, one part in **200**

Company	EQUITABLE GAS CO. W.VA. DIV.
Address	PITTSBURGH, PA.
Farm	VICTORIA I. KESTER
Tract	Acres 50 Lease No. 26210
Well (Farm) No.	1 Serial No. 5487
Elevation (Spirit Level)	887'
Quadrangle	WEST UNION NE 43-4 EC
County	TYLER District McELROY
Engineer	<i>P. J. McWilliam</i>
Engineer's Registration No.	105 L.L.S.
File No.	227-42 Drawing No.
Date	7-10-73 Scale 1" = 500'

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

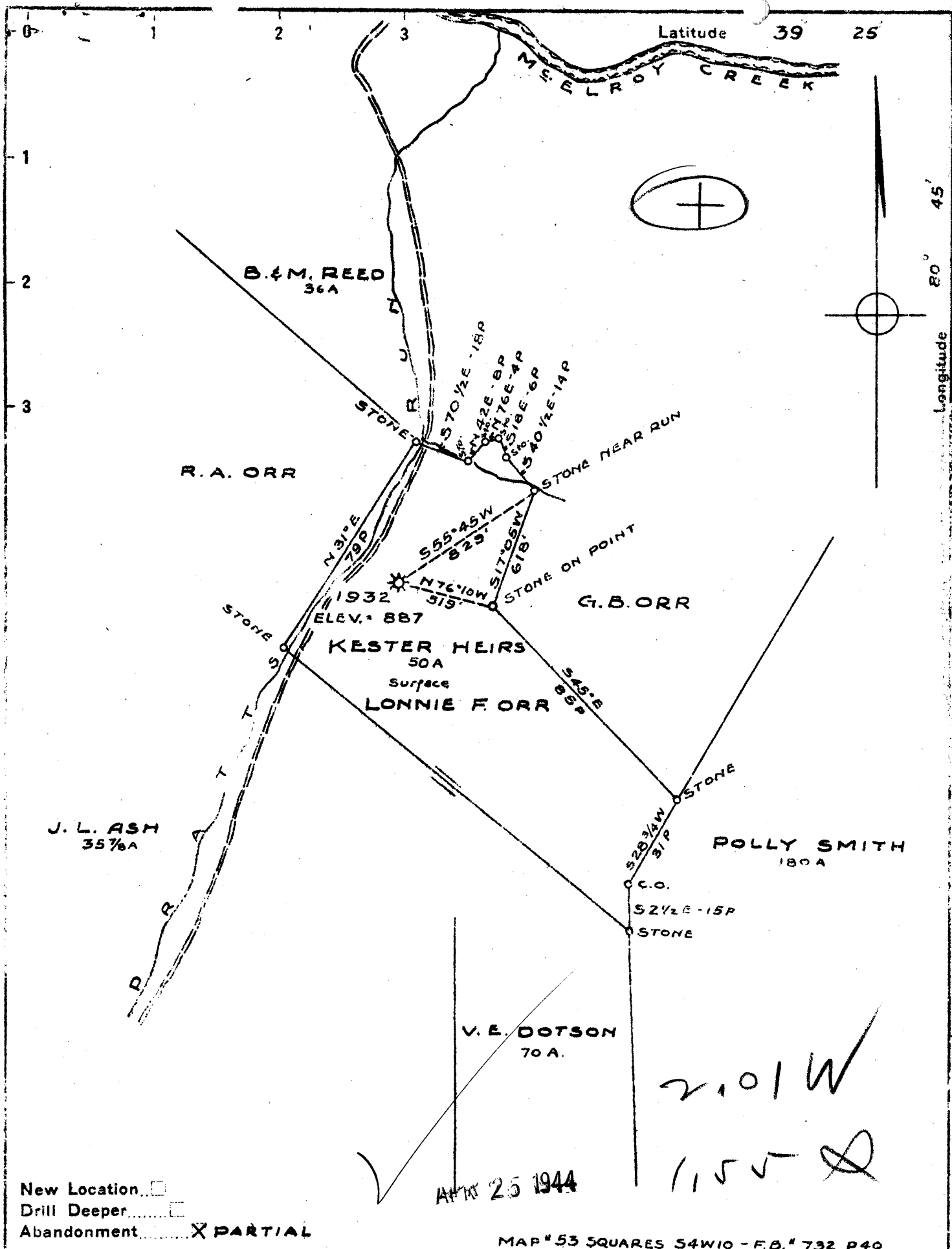
WELL LOCATION MAP

FILE NO. *Ty1-475-Red*
Trans. from Ty1-368-A

+ 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



New Location
 Drill Deeper
 Abandonment PARTIAL

MAP # 53 SQUARES S4W10 - F.B. # 732 P40

Company	HOPE NATURAL GAS CO.
Address	CLARKSBURG, W.VA.
Farm	KESTER HEIRS
Tract	1
Acres	50
Lease No.	9024
Well (Farm) No.	1
Serial No.	1932
Elevation (Spirit Level)	887
Quadrangle	WEST UNION
County	TYLER
District	McELROY
Engineer	W.M. Bowers
Engineer's Registration No.	900
File No.	
Drawing No.	
Date	APR. 14, 1944
Scale	1" = 40 FEET

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

WELL LOCATION MAP
 FILE NO. Ty-368A

now 475

+ 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.

KESTER HEIRS No. 1 (1932) - HOPE N. G. CO. - TYL-368A 2224



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle West Union NE 4 3-4

Permit No. TYL-475-Red

Rotary XX Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage XX
Disposal _____ (Kind)

Company <u>Equitable Gas</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Pittsburgh, Pa. 15219</u>				
Farm <u>Victoria I. Kester</u> Acres <u>50</u>	Size			
Location (waters) <u>Pratts Run</u>	20-16			
Well No. <u>5487</u> Elev. <u>887</u>	Cond.			
District <u>McElroy</u> County <u>Tyler</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8			
<u>Donald Orr</u>	8 5/8 *	1071	1071	
Address <u>Rt. 2, Newton Falls, Ohio</u>	7	1834	1834	250 sks. to sur
Mineral rights are owned by <u>James E. Orr</u>	5 1/2			
Address <u>Belpre, Ohio</u>	4 1/2	1840	1840	40 sks. to 150
Re-Drilling Commenced <u>8-8-74</u>	3			gel to surface
Re-Drilling Completed <u>9-24-74</u>	2			
Initial open flow _____ cu. ft. _____ bbls.	Liners Used			
Final production _____ cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				

Attach copy of cementing record.
* Old 8" run in 1910

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal (Est.)			535	539		
Gas Sand			1026	1047		
Salt Sand			1155	1555		
Maxton Sand			1634	1692		
Little Lime			1742	1763		
Big Lime			1772	1838		
<u>Big Injun Sand</u>			1841	2008		
Weir Sand			2157	2244		
<u>Gordon Sand</u>			2574	2622		
Redrilled to				2672		
Cement Plug Back to				1870		
Completed Total Depth				1870		

Note: Gamma Log from surface to 2660.

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OCT 11 1974
OIL & GAS
DE
887
885

(over)

* Indicates Electric Log tops in the remarks section.

Form H 124-3M-12-26 Record of Hope Natural Gas Co. Acres.....
 Well No. 1932 Lease No. Name Rester Heirs District.....
 District Me. Elroy County W. Va. State.....

Location Made..... First Work Done.....
 Rig Commenced..... Rig Completed.....
 Drilling Commenced..... Drilling Completed Sept. 22, 1910
 Rig Contractor..... { Drilling Contractor }
 Drillers..... { If H. N. G. Co. Tools, String No. }
 Tool Dressers.....

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal								
Pittsburgh Coal		535	539					
Little Dunkard		930	1055					
Big Dunkard								
Gas Sand								
First Salt		1320	1450					
Second Salt								
Third Salt								
Maxon		1630	1665					
Little Lime								
Pencil Cave								
Big Lime								
Keener								
Big Injun		1851	1915			1866.67	1859	
Squaw						1890.95		
Weir								
Berea								
Gantz		2145	2240					
Fifty Foot								
Thirty Foot								
Gordon Stray								
Gordon		2577	2584				2581	
Fourth								
Fifth								
? Sand		4872	4876				4872 4873	
Total Depth			1922					
Drilled Deeper 10/25/11			2802					
Filled			2654					
Drilled Deeper 10/12/17			4992					
Total Depth Now			4919					

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		Steel Line Measurement		If more than two strings of casing are left in hole, give reasons for leaving additional strings
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13" Csg.															
10" "															
8 1/4" "															
6 5/8" "															
5 1/8" "															
Tbg.															
"															

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....
 Top Pittsburgh Coal..... Top Cementing..... Amount Cement Used.....
 Bottom Pittsburgh Coal..... Bottom Cementing..... Amount Sand Used.....
 Mr..... of..... Coal Company on ground when coal was cemented
 Remarks:..... Signature of persons who cemented well

Approved.....



360

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. **3687A**

~~Oil~~ or Gas Well
(KIND)

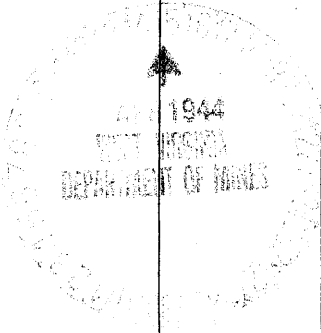
Company **Hope Natural Gas Company.**
 Address **445 West Main St. Clarksburg, W. Va.**
 Farm **Kester Heirs** Acres **50**
 Location (waters) **1932** **(D)**
 Well No. **1932** Elev. **887'**
 District **McElroy** County **Tyler**
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced **August 20, 1910**
 Drilling completed **September 22, 1910**
 Date Shot _____ From _____ To _____
 With **Drilled deeper 1917**
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water **none recorded** feet _____ feet
 Salt water **none recorded** feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	320	Pulled	Size of
8 1/4	1078	1078	
6 1/2	1836	1836	Depth set
5 3/16	3066	3066	
3			Perf. top
2	4992	4992	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED **2"** SIZE _____ No. Ft. **?**
5 3/16" x 2" Packer cemented
 COAL WAS ENCOUNTERED AT **535** FEET **48** INCHES
 FEET _____ INCHES _____ FEET _____ INCHES
 FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh	Coal		535	539			
Little Dunkard			930	960			
Big Dunkard			1040	1055			
Gas Sand			1160	1185			
First Salt			1320	1375			
Second Salt			1415	1450			
Maxon sand			1630	1665			
Little Lime			1765	1780			
Pencil cave			1780	1790			
Big Lime			1790	1851			
Big Injun			1851	1915	oil	1866-1867 1890-1895	
Squaw			1935	2009	gas	1859	
Gantz			2145	2220			
MAXON							
Gordon			2577	2584	gas	2581	
Slate and Lime			2802	3102			
Sand			3102	3107			
Slate and Lime			3107	4872			
Sand			4872	4876	gas	4872 4873	Reason?
Slate and lime			4876	4919			
Total depth				4919			

PARTIAL ABANDONMENT.



(Over)

SEP 21 1944

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date April 14, 1944, 194

APPROVED Hope Natural Gas Company, Owner

By [Signature] Gen. Sup't.

(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

AUG 9 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 August 7, 1974
Company Equitable Gas
Address 420 Blvd. of the Allies
Farm Victoria I. Kester Acres 50
Location (waters) Pratts Run
Well No. 5487 Elevation 887
District McElroy County Tyler
Quadrangle W. Union N. E. 4³⁻⁴

Surface Owner ORR, Donald
Address Route 2, Newton Falls, Ohio
Mineral Owner James E. Orr, Agent
Address 803 Pomeroy Pike, Belpre, Ohio
Coal Owner Same as surface
Address _____
Coal Operator _____
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 redrilling. This permit shall expire if operations have not commenced by 12-7-74

INSPECTOR TO BE NOTIFIED Paul Washburn
Smithville PH: 477-2455
WVA

Deputy Director
Deputy Director - Oil & Gas Division

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 November 1, 1906 by Victoria I. Kestor made to Hope Natural Gas Co. and recorded on the 21st day of January 1907, in Tyler County, Book 62 Page 436

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.

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, S. M. Lingero
(Sign Name) Equitable Gas Company
Well Operator
420 Blvd. of the Allies
Street
Pittsburgh
City or Town
Pennsylvania 15219
State

Address
of
Well Operator

*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.

(Drawn from FYL 368-A) PERMIT NUMBER
Now: Dyl - 475 - Red. Survey

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 J. A. Pace _____ NAME H. E. Gardner, Div., Supt. _____
 ADDRESS Charleston, West Virginia _____ ADDRESS Box 1550, Clarksburg, W. Va. _____
 TELEPHONE _____ TELEPHONE (304) 624-6576 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 1875 _____ 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	1078	1078	
7	1836	1836	Cem. to surface
5 1/2			
4 1/2	1850	1850	Cem. to 1000
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