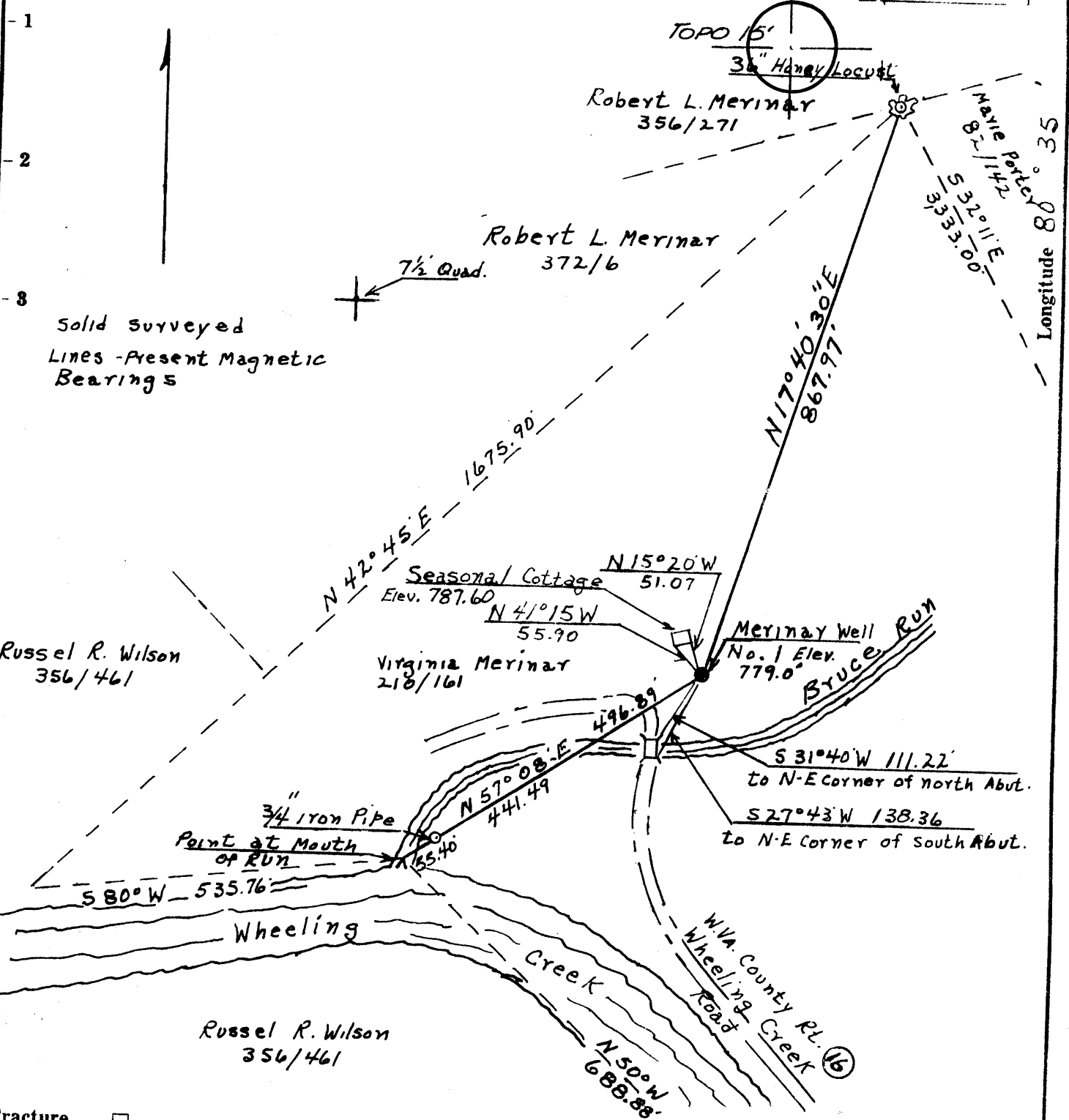


Latitude 40° 00'

S 6,200'
W 10,000'

N



Solid surveyed
Lines - Present Magnetic
Bearings

Russel R. Wilson
356/461

Virginia Merinay
218/161

Russel R. Wilson
356/461

Source of Elevation U.S.G.S. B.M. no. U-121 Elev. 818, Moundsville Quad. 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 2500

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

Company Kingery Drilling Co.
 Address P.O. Box 1588 Ardmore, Oklahoma.
 Farm Virginia Merinay
 Tract _____ Acres 176.26 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 779.0 NC
 Quadrangle Majorsville 7 1/2; Cameron 15'
 County Marshall District Sand Hill
 Surveyor or Engineer Ralph N. Eller - Surveyor
 Surveyor's or Engineer's Registration No. W.Va. License no. 184
 File No. _____ Drawing No. _____
 Date Feb. 3, 1975 Scale 1" = 200'

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

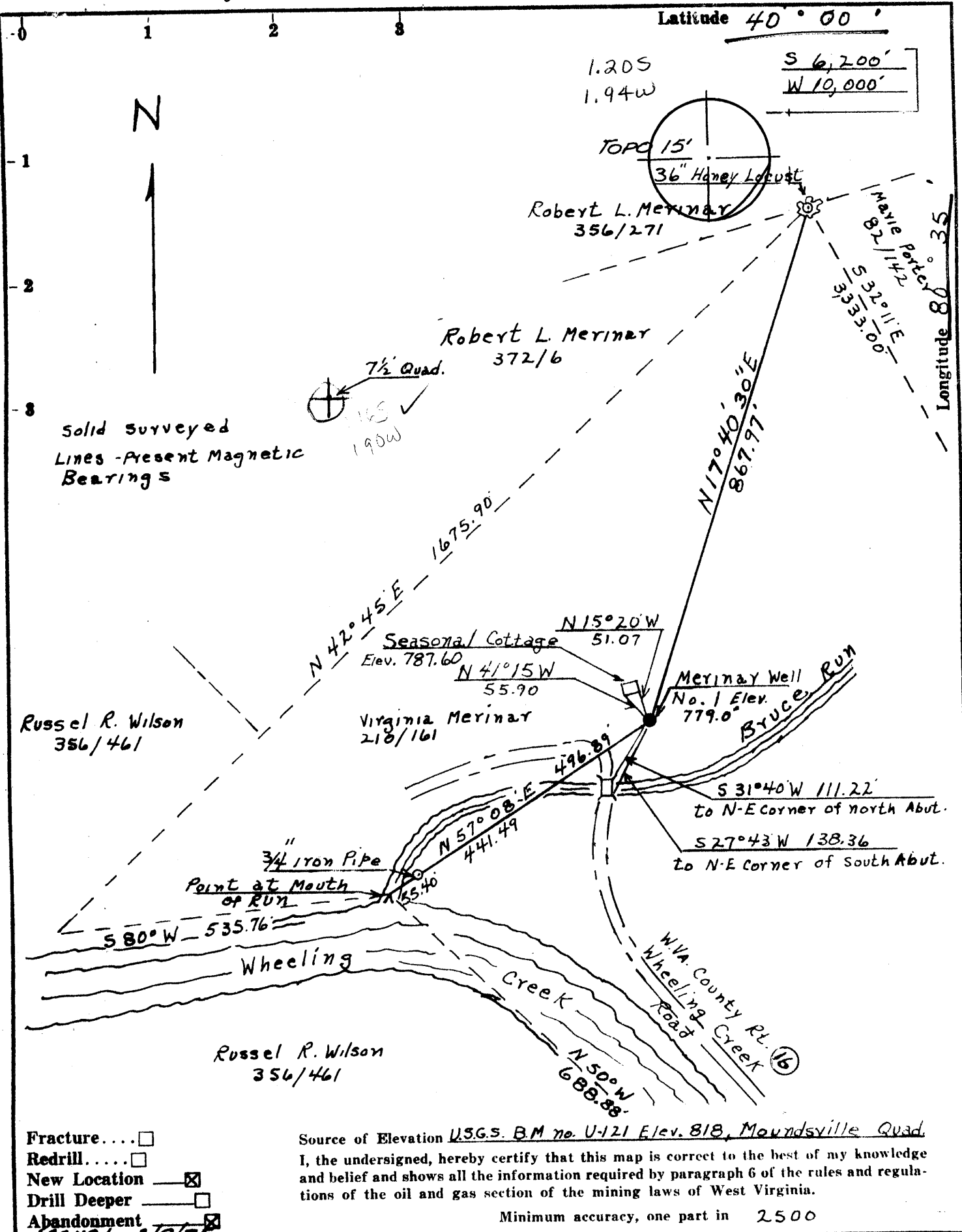
WELL LOCATION MAP
 FILE NO. Marv-559

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

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

47-051

2000' Bar



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

Source of Elevation U.S.G.S. B.M. no. U-121 Elev. 818, Mountsville Quad
 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 2500

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 Tract _____ Acres 176.26 Lease No. _____
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 Surveyor or Engineer Ralph N. Eller - Surveyor
 Surveyor's or Engineer's Registration No. W.V.A. License no. 184
 File No. _____ Drawing No. _____
 Date Feb. 3, 1975 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. Mars-559-P

Denotes location of well on United States Topographic Maps, scale 1 to ~~62,500~~ 24,000, latitude and longitude lines being represented by border lines as shown.

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

47-051



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD

Quadrangle Majorsville

Permit No. MARS-559

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

Company Kingery Drilling Company, Inc.
Address Box 1588, Ardmore, Okla. 73401
Farm H.&V. Merinar Acres 176
Location (waters) Big Wheeling Creek
Well No. 1 KB. 787 Elev GR 779
District Sand Hill County MARSHALL
The surface of tract is owned in fee by _____
H.&V. Merinar Rt. 3, Elm Grove.
Address Wheeling, W. Va. 26003
Mineral rights are owned by _____
Address Same
Drilling Commenced 2-6-75
Drilling Completed 2-9-75
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ 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	315	315	Cemented to surface
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Plugged

Plugging record has been filed.

Coal was encountered at 260' 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
Shale & Lm. Shells.			Surface	260		
✓ Coal			260	270		
Shale, gry, sdy.			270	300		
Lime, lt. tan			300	330		
Sand, shly, grn, glau.			330	375		
Lime, shly, lt. gry.			375	390		
Shale, sdy, gry, lime shells			390	550		
Sand, med. to sse.			550	610		Slight gas show @ 600'
Shale, red, green			610	660		
Shale, dk gry, sdy & sand streaks			660	790	" " "	750'
Shale, sdy, gry, some sd strks.			790	850		
Shale, blk, to lt. gry.			850	880		
Sand, m to cse, cln to shly.			880	920	" " "	880'
Shale sdy. to Shly. sd. gry.			920	1060		
Sand, m to cse. ww			1060	1120		

1295
787
508

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
No samples			1120	1150		Some water @ 1110
Sand, Salt, fine to med. gr			1150	1230		Sh. gas-1160. Small sh. gas 1190
Shale, Dk, gry, sdy.			1230	1250		Increase in water @ 1190
Sand, Salt, cs, dse, glau.			1250	1295		
Lime, Big, Buff, Dense			1295	1300		
Sand & Shale, Dk, gry, dirty			1300	1320		
Sand, Injun,			1320	1550		
Shale			1550	1865		
Sand, <u>Berea</u> .			1865	1873		
Shale			1873	1950 TD		Dry Hole
Well plugged 2-10-75						
Plugging notice on record						
Received by Dept Mines 3-3-75						
<div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: right;"> <p>1295</p> <p>778</p> <p>516</p> </div> <div style="text-align: right;"> <p>1320</p> <p>779</p> <p>541</p> </div> </div> <div style="margin-top: 20px; text-align: right;"> <p>1865</p> <p>779</p> <p>- 1086</p> </div>						
NPT ~ 1.6 mi W of Salt sd well						

Date 3-21-77 19

APPROVED Kingery Drilling Company, Inc Owner

By *James Jones*
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

FEB 5 1975

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 February 3, 1975

Surface Owner Hubert S. Merinar

Company KINGERY DRILLING COMPANY INC.

Address R.D.#3, Elm Grove, W. Va. 26003

Address P.O. Box 1588, Ardmore, Oklahoma. 73401
and Virginia

Mineral Owner Same

Farm Hubert S. Merinar Acres 176.26

Address _____

Location (waters) Wheeling Creek

Coal Owner Consolidation Coal Company.

Well No. 1 Elevation 779 Ground

Address Moundsville, W. Va. 26041

District Sand Hill County Marshall

Coal Operator _____

Quadrangle Majorsville

Address _____

INSPECTOR TO BE NOTIFIED Richard Morris
Grantsville, W. Va. PH: 354-7259

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 6-5-75.

[Signature]
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 August 22, 1973 1973 by Hubert S. and Virginia C. Merinar de to D.C. Malcolm Inc. and recorded on the 10th day of December 1974, in Marshall County, Book 446 Page 161

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

Address
of
Well Operator

Very truly yours, KINGERY DRILLING COMPANY INC.
[Signature] Attorney
Well Operator

P.O. Box 1588,
Street
Ardmore,
City or Town
Oklahoma. 73401
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

MARS-559

PERMIT NUMBER

47 051

[Signature]

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Armstrong Drilling Inc.. NAME J.H. McClure
 ADDRESS P.O.Box 545, Wooster, Ohio ADDRESS Shadow Knoll, Wheeling, W. Va.
 TELEPHONE 216-262-4101 TELEPHONE 242-7439 26003
 ESTIMATED DEPTH OF COMPLETED WELL: 2000' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Berea
 TYPE OF WELL: OIL _____ 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	300'	300'	To Surface
5 1/2			
4 1/2			
3	2000'	2000'	Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 25-50 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 250' _____
 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.

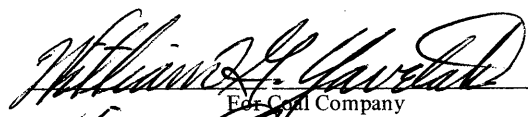
OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.


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 CONSOLIDATION 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 CONSOLIDATION 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