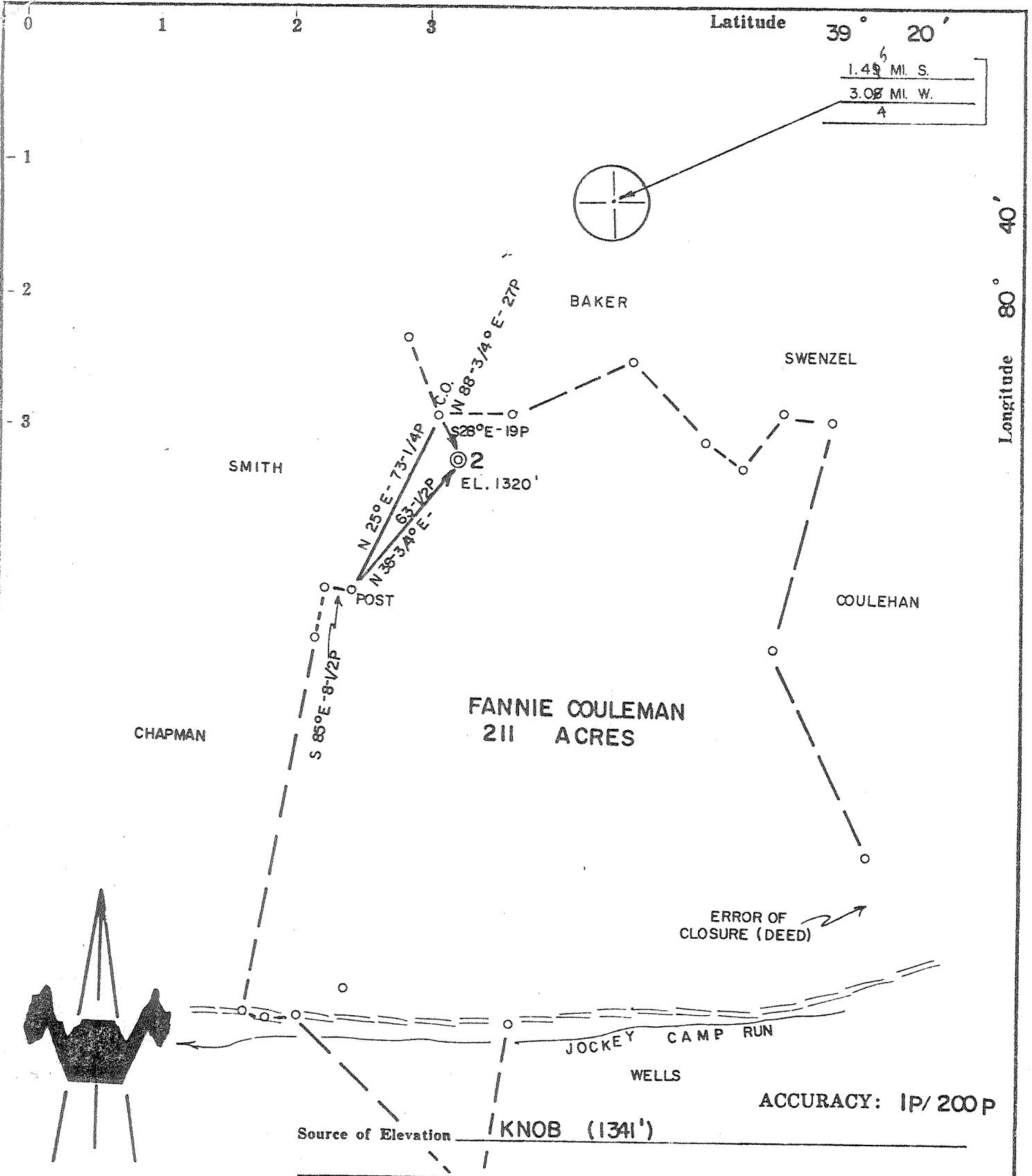


510-15



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

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.

Chet Waterman

Company MURVIN OIL CORP.
 Address OLNEY, ILL.
 Farm FANNIE COULEMAN COULEHAN
 Tract _____ Acres 211 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 1320'
 Quadrangle CENTERPOINT SW
 County DODDRIDGE District WEST UNION
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 76003-193 Drawing No. _____
 Date 4/27/76 Scale 1" = 50P

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

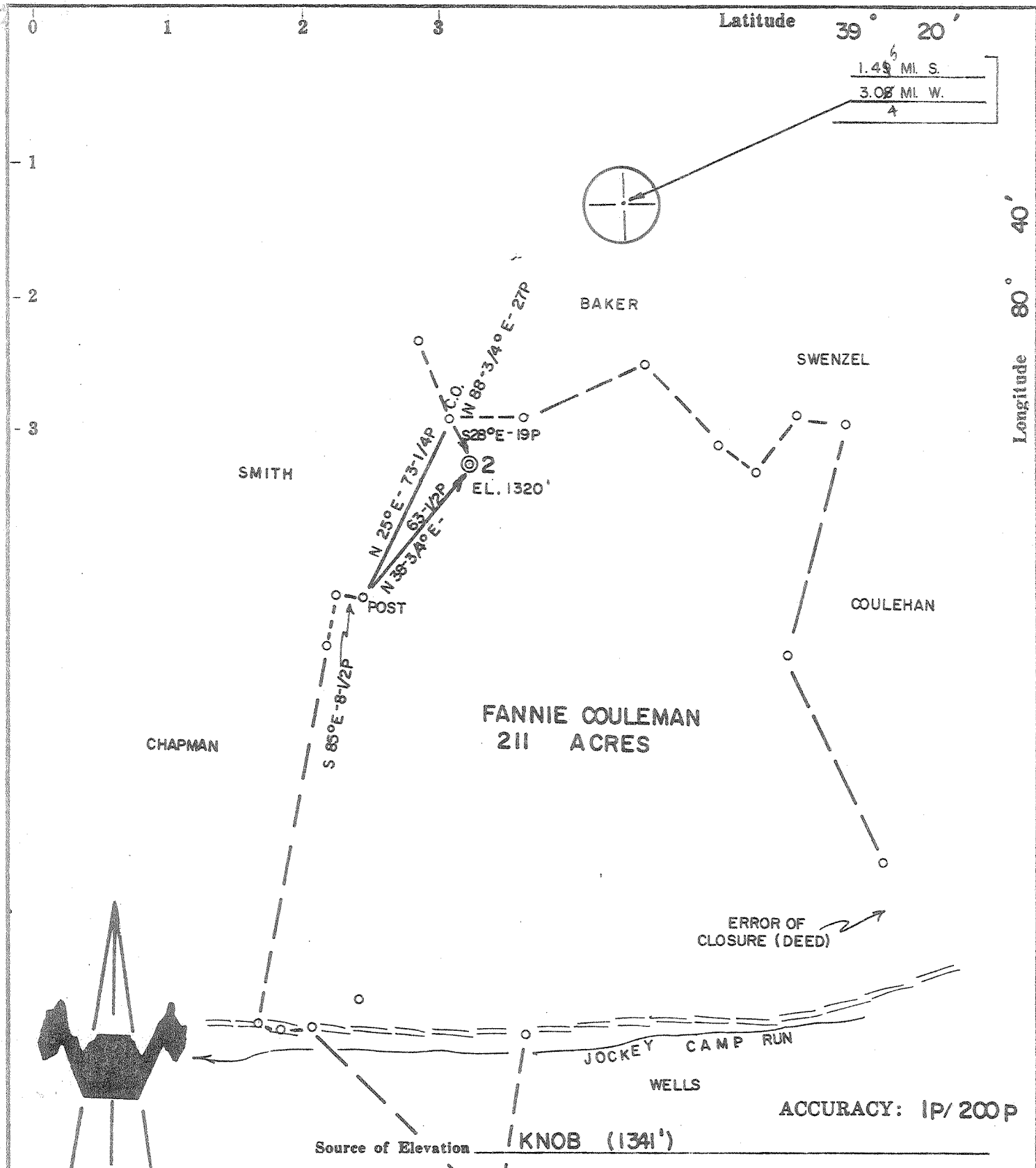
WELL LOCATION MAP
 FILE NO. DODD-1817

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.

47-017

5/22/76



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

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.

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

WELL LOCATION MAP
 FILE NO. DODD-1817

• 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.

47-017



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle Centerpoint

Permit No. Dodd 1817

Company <u>MURVIN OIL CORP</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>BOX 297, Olney, Ill.</u>				
Farm <u>Coulehan Hrs.</u> Acres <u>250</u>	Size			
Location (waters) <u>Jockey Camp Run</u>	20-16			
Well No. <u>2</u> Elev. <u>1320</u>	Cond.			
District <u>West Union</u> County <u>Doddridge</u>	13-10"			
The surface of tract is owned in fee by <u>Coulehan Hrs.</u>	9 5/8			
Address <u>West Union, Wv.</u>	8 5/8	220	220	70 Sks.
Mineral rights are owned by <u>Same</u>	7			
Address _____	5 1/2			
Drilling Commenced <u>7/6/76</u>	4 1/2		2300	100 Sks
Drilling Completed <u>10/12/76</u>	3			
Initial open flow <u>NT</u> cu. ft. _____ bbls.	2			
Final production <u>500M</u> cu. ft. per day _____ bbls.	Liners Used			
Well open <u>8</u> hrs. before test <u>340</u> RP.				

Well treatment details: Frac 1000 BBL Water & 50M Sand
 Attach copy of cementing record.

Coal was encountered at None Feet _____ Inches _____
 Fresh water 80 Feet _____ Salt Water _____ Feet _____
 Producing Sand Big Injun Depth 2166 2270

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
No open hole logs run due to hole condition Perf logs only						
Sand & Shale			Surface	1830		
Sand			1830	1864		
Shale			1864	1894		
Sand			1894	1914		
Shale			1914	2026		
Sand			2026	2050		
Shale			2050	2102		
Big Lime			2102	2186		
Sand <u>Injun</u>			2186	2270		
Shale			2270	2300 TD.		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAY 26 1976

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE May 26, 1976
Company MURVIN OIL CORP.
Address P.O. Box 297, Olney, Ill.
Farm F.A. Coulehan Acres 250
Location (waters) Jockey Camp Run
Well No. 2 Elevation 1320
District West Union County Doddridge
Quadrangle Centerpoint

Surface Owner Coulehan Heirs
Address West Union, Wv.
Mineral Owner Same
Address _____
Coal Owner None
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 Drilling. This permit shall expire if
operations have not commenced by 9-26-76.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
PH: 622-3871 ADDRESS Clarkburg, 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 August 19, 1901 by Fannie A. Coulehan made to West Union Gas Co. and recorded on the 24 day of August 1901, in Doddridge County, Book 18 Page 297

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

Very truly yours, MURVIN OIL CORP.
[Signature] Agent
(Sign Name) _____
Well Operator
P.O. Box 297
Street
Olney, Ill. 62450
City or Town

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.

BLANKET BOND

Dodd-1817 PERMIT NUMBER

47-017

**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 Haught Brothers NAME DENNIS BLAUSER
 ADDRESS Smithville, Wv. ADDRESS Box 216, Glenville, Wv.
 TELEPHONE 477 2222 TELEPHONE 304 643 4163
 ESTIMATED DEPTH OF COMPLETED WELL: 2300 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 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	200	200	To Surface
7			
5 1/2			
4 1/2	2300	2300	100 Sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 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 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