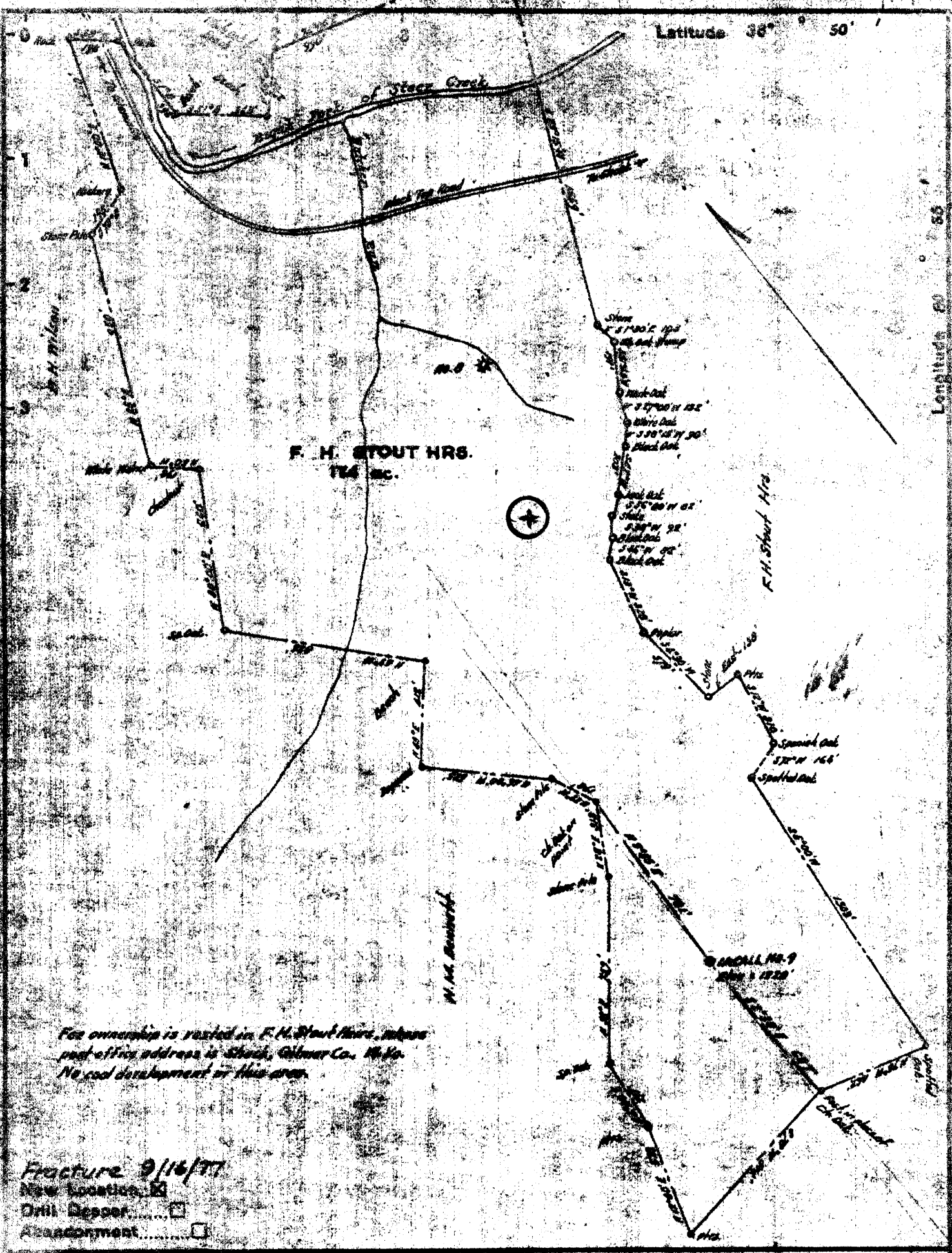


9/10/77

Latitude 38° 50'

Longitude 80° 55'



For ownership is vested in F. H. Stout Hrs., whose post office address is Slack, Gilmer Co., W. Va. No coal development in this area.

Fracture 9/16/77
 New Location
 Drill Deeper
 Abandonment

Company GLEN L. HAUGHT & SONS
 Address Smithville, W. Va. 26156
 Farm F. H. Stout Hrs.
 Tract Acres 174 Lease No. _____
 Well (Farm) No. Nine Serial No. 9-266
 Elevation (Spot Level) 1230'
 Quadrangle Glenville SW
 County Putnam District Center
 Engineer W. H. Haught
 Engineer's Registration No. 1228
 File No. _____ Drawing No. _____
 Date April 1950 Scale 1" = 800'

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

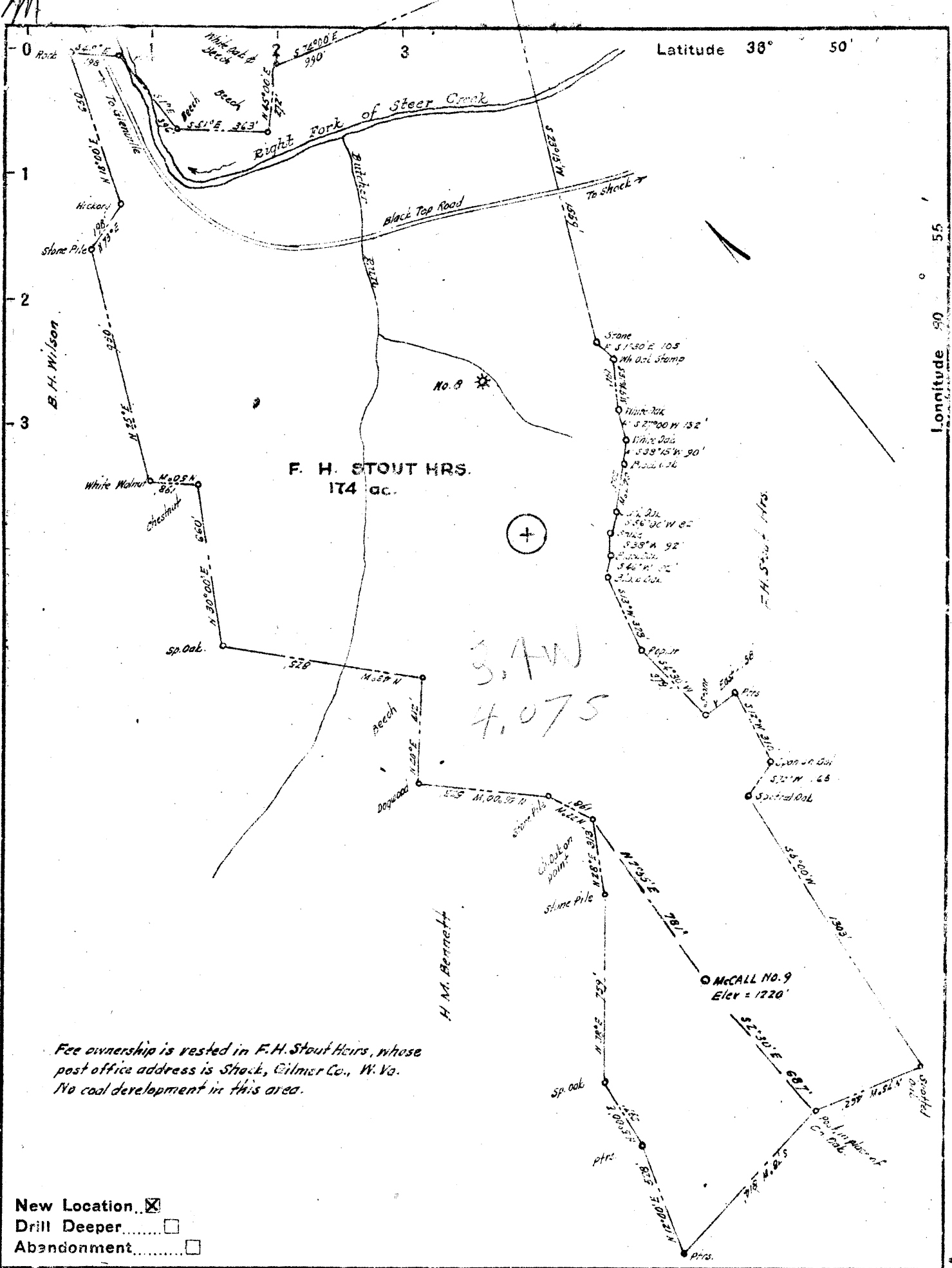
WELL LOCATION MAP
 FILE NO. GIL-845-FRAC

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

OCT 7 1977

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

47-021



Fee ownership is vested in F. H. Stout Hairs, whose post office address is Stock, Gilmer Co., W. Va. No coal development in this area.

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

Company	McCALL DRILLING COMPANY
Address	612 Keystone Bldg., Pittsburgh, Pa.
Farm	F. H. Stout Hairs
Tract	Acres 174 Lease No.
Well (Farm) No.	Nine Serial No. 7-266
Elevation (Spirit Level)	1220'
Quadrangle	Glenville SW
County	Gilmer District Center
Engineer	<i>W. H. Holtz</i>
Engineer's Registration No.	1278
File No.	Drawing No.
Date	April 1950 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. GIL - 845

- + Denotes location of well on United States Topographic Maps, scale 1 to 500, latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Gil 845
Glenville Quad.

Gas Well
CASING & TUBING

Company McCall Drilling Company, Inc.
Address 612 Keystone Bldg., Pgh, Pa.
Farm F.H. Stout Acres 174
Location Steer Creek
Well No. 9-266 Elev. 1220'
District Center Gilmer County
Surface Ralph Ferrine et al
Shock, W.Va.
Mineral Same
Commenced May 5, 1950
Completed June 22, 1950
Date shot June 23 Depth 2174 to 2214
with 90 qt.
Open flow 2/10ths W in 1" B.S.
15/10ths W in 2" when C.O.

	10	360		
	8 1/2	966	966	
	6 5/8	2068	2068	

Casing cemented
No coal

Red Rock	65	65
Grey Lime	65	125
Sand	125	235
Slate	235	350
Sand	350	410
Slate	410	430
Red Rock	430	550
Slate & Shells	550	570
Red Rock	570	600
Sand	635	780
Slate & Shells	780	800
Slate	800	925
Sand	925	1020
Slate & Shells	1020	1135
Gritty Lime	1135	1195
Sand	1195	1245
Slate	1245	1270
Sand	1270	1320
Slate	1320	1370
Sand	1370	1400
Slate & Shells	1400	1420
Sand	1420	1470
Slate Shells	1470	1655
Sand	1655	1775
Slate	1775	1840
Sand	1840	1858
Slate	1858	1920
Sand	1920	1977
Red Rock	1977	1980
Slate	1980	2000
Little Lime	2000	2028
Slate	2028	2032
Sand	2032	2035
Slate	2035	2038
Sand Blue Monday	2038	2050
P. Cave	2050	2055
B. Lime	2055	2103
Sand B.I.	2103	2234
Shells	2234	2285

Blubber gas 1853
Blubber gas 2045

235
 125

 360
 966

 1326
 2068

 3394



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 16 1977

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Park Woodyard
Address Stumptown, W
Mineral Owner Overt Hardman
Address Glenville, WV 26351
Coal Owner No coal
Address _____
Coal Operator _____
Address _____

DATE September 15, 1977
Company Glen L. Haught & Sons
Address Smithville, WV 26178
Farm F. M. Stout Acres 74
Location (waters) Steer Creek
Well No. none Elevation 1300'
District Sevier County Gilmer
Quadrangle Glenville 6-4

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 fracturing. This permit shall expire if operations have not commenced by 1-16-78.

INSPECTOR
TO BE NOTIFIED Kenneth P. Goodnight
ADDRESS Smithville, WV 26178
PHONE 304-477-3660

Robert H. [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 Sept. 22 1976 by National Oil & Gas Co. made to Haught Bros. Drilling Co. and recorded on the 27th day of Sept. 1976, in Gilmer County, Book 285 Page 460

XX NEW WELL XX DRILL DEEPER XX REDRILL XX FRACTURE OR STIMULATE
XX 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, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours, Warren R. Haught
(Sign Name) Warren R. Haught
Well Operator Partner
Smithville, WV 26178
Street _____
City or Town _____
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

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by Warren R. Haught

GIL-845-FRAC. PERMIT NUMBER

47 021

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN XXX FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Hau... Drilling Co. NAME Al... Dr... Co.
 ADDRESS Smithville, W 26173 ADDRESS Smithville, W 26173
 TELEPHONE 304-477-3333 TELEPHONE 304-477-3535
 ESTIMATED DEPTH OF COMPLETED WELL: 2100' ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun
 TYPE OF WELL: OIL _____ GAS _____ COMB. XX 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	<u>356'</u>	<u>356'</u>	
7	<u>2071'</u>	<u>2071'</u>	
5 1/2			
4 1/2			
3			Perf. Top
2	<u>2080'</u> <u>Hook wall Packer</u>		Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS none
 IS COAL BEING MINED IN THE AREA? _____ 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