

Latitude **39° 05'**
 Set Stone Painted Red
 39 02 30

Longitude **78° 45'**

4730

Stake, 2 White Oak & Chestnut Oak Pointers in Head of A Drain

WILLIAM J. B. ORR

DARL A. TEETS

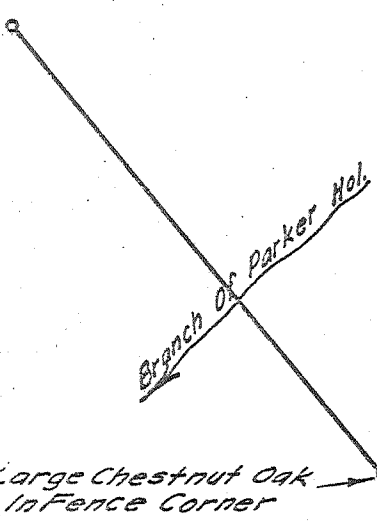
BENCH MARK DESCRIPTION

United Fuel Gas Co. Geological Survey Shot Hole No 117. A Metal Tag Stamped No 117 With A Arrow Pointing To The Shot Hole Bears East About 75' From Shot Hole. Said Metal Tag Is Located Approx. 700' South East Along W. Va. Sec. Rf. N 1/2, From The Junction Of Routes 1/2, 1/2, & 23/6. Elev. 1664.00'

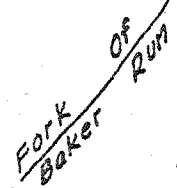
DEGREE OF ACCURACY

One Part In 200'

9321



Fence Corner, Black Oak Pointer
 N28°15'E-150'



4.03 S.
 3.78 W.

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

7 SW (G-16)

Sybert R. Jewell

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm WILLIAM J. B. ORR ET. AL.
 Tract _____ Acres 334 Lease No. 57297
 Well (Farm) No. _____ Serial No. 9321
 Elevation (Spirit Level) 1977.59'
 Quadrangle MOOREFIELD - SE
 County HARDY District SOUTH FORK
 Engineer Sybert R. Jewell
 Engineer's Registration No. 2529
 File No. 212-105 Drawing No. _____
 Date MAY 25, 1965 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. HARDY-15

Draw Hole
 + 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.

5360' - 7500' (8-A) Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage



Quadrangle Moorefield

Permit No. HARDY-15

WELL RECORD

Oil or Gas Well Dry Hole
(KIND)

Company United Fuel Gas Company
Address P.O. Box 1273 Charleston, W. Va. 25325
Patron Wm. J. B. Orr, et al Acres 637 Marger
Location (waters) Baker Run
Well No. 9321 Elev. 1977.59
District South Fork County Hardy
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by William J. B. Orr, et al
Natl. Bank of Washington Address Washington 5, D.C.
Liberty Br., 15th & Eye Sts. NW
Drilling commenced June 28, 1965
Drilling completed Aug. 26, 1965
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
20"		15'	Kind of Packer
13		213'	
10			Size of
9-5/8"		2092	
7"		7240	Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Dry Hole _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) _____

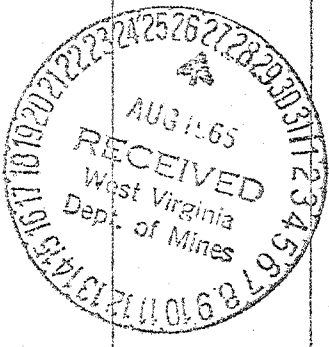
Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
<u>Chemung (Sand-Shale)</u>			0	2750'	Water 280'	H.F.	
<u>Brallier</u>		2750	2750	4900			
<u>Grey Shale</u>			4900	6000			
<u>Marcellus Shale</u>		6180	6000	7090			
<u>Needmore Shale</u>		7110	7090	7206			
<u>Oriskany Sand</u>		7210	7206	7438			
<u>Helderberg Ln.</u>		7457	7438	7500'			
<u>Total Depth</u>			7500'				

2201
2095
112
6000

485



Geology