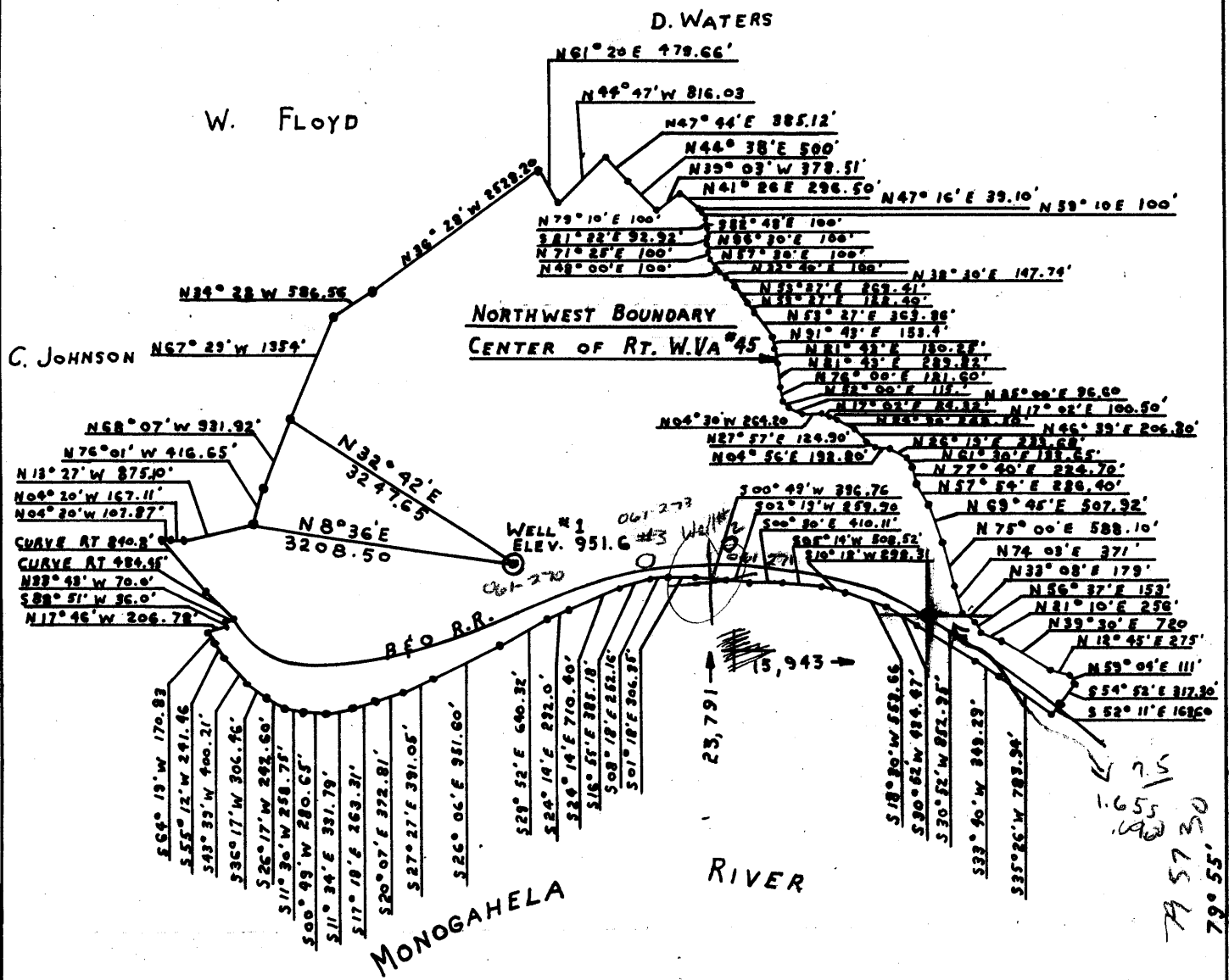


SURVEY ACCURACY - 1 TO 500
 MAP ACCURACY - 1 TO 100

39° 40'
 39 37 30



DRILLED 800 FEET FOR WATER PURPOSES--REQUESTED PERMIT TO DRILL DEEPER FOR NATURAL GAS AND/OR OIL

I, the undersigned, hereby certify that this map is correct to the best of my knowledge 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 W.Va.

[Signature]

- New Location
- Drill Deeper
- Abandonment

Company J.W. RUBY
 Address MORGANTOWN, W. VA.
 Farm MORGANTOWN ORDNANCE WORKS
 Tract _____ Acres 824.65 Lease No. _____
 Well (Farm) No. 1 Serial # _____
 Elevation (Spirit Level) 951.6
 Quadrangle MORGANTOWN WC
 County MONONGALIA District GRANT
 Engineer *[Signature]*
 Engineer's Registration No. 3165
 File No. _____ Drawing No. _____
 Date 1-11-64 Scale 1" = 2000'

State of West Virginia
 Department of Mines
 Oil and Gas Division
 Charleston

WELL LOCATION MAP 270-D
 File No. Mon-270-D

† 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.

Samples ??

Well No. 1
Project 9675



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle

Permit No. Mon 270 D

WELL RECORD

Oil or Gas Well Water
(KIND)

Company Mr. J. W. Ruby
Address P. O. Box 798, Morgantown, W. Va.
Farm Morgantown Ordiance Works Acres
Location (waters)
Well No. _____ Elev. 950'
District Grant County _____
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10	30'	30	
8 1/4	281	281	Depth set
6 5/8			
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Drilling commenced November 21, 1963

Drilling completed December 9, 1963 for Water
Drilled deeper and completed February 17, 1964

Date Shot _____ From _____ To _____

With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Water at 550 bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

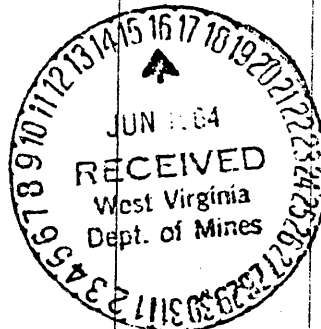
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Yellow	Soft	0	22	Water	85-90	
Sand	Gray	Hard	22	83			
Slate	Gray	Soft	83	109			
Sand	Gray	Hard	109	125			
Slate	Gray	Soft	125	132			
Sand	Gray	Hard	132	138			
Slate	Gray	Soft	138	154			
Slate	Dark	Soft	154	160			
Slate	Gray	Soft	160	168			
Coal	Black	Soft	168	171			
Slate	Dark	Soft	171	190			
Sand	Gray	Hard	190	213			
Slate & Shells	Gray	Medium	213	240			
Sand	White	Hard	240	290			
Slate	Gray	Soft	290	309			
Lime	Gray	Hard	309	370			
Slate & Shells	Gray	Medium	370	406			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	REMARKS
Slate	Dark	Soft	406	435			
Sand	White	Hard	435	612			
Slate & Shells	Gray	Medium	612	622			
Lime	Gray	Hard	622	640			
Red Rock	Red	Soft	640	646			
Lime	Gray	Hard	646	658			
Red Rock	Red	Soft	658	678			
Slate & Shells	Dark	Medium	678	728			
Sand	Gray	Hard	728	804			
Slate	Gray	Soft	804	822			
Red Rock	Red	Soft	822	826			
Lime	Gray	Hard	826	854			
Pink Rock	Pink	Soft	854	868			
Slate	Gray	Soft	868	880			
Lime	Gray	Hard	880	901			
Slate	Gray	Soft	901	905			
Lime	Gray	Hard	905	928			
Slate	Gray	Soft	928	940			
Lime	Gray	Hard	940	1006			
Big Injun	Gray	Hard	1006	1125			
Slate	Gray	Soft	1125	1130			
Sand	Gray	Hard	1130	1150			
Slate & Shells	Gray	Medium	1150	1206			
Squaw Sand	Gray	Hard	1206	1318			
Slate & Shells	Gray	Medium	1318	1463			
Sand	White	Hard	1463	1480			
Slate & Shells	Gray	Medium	1480	1610			
TOTAL DEPTH				1610			

940
952
+12

1006
952
-54

Date June 12, 19 64
APPROVED J. W. Kuley, Owner
By Vice President (Title)