

I, the undersigned, hereby certify that this map is a true and correct copy of the original map on file in the office of the State Engineer of West Virginia, and that it shows all of the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

*W. S. Hester*  
R. P. E. No. 1227

New Location.....  
 Drill Deeper.....  
 Abandonment..... 8/1/90

Elevation reference :- U. S. G. S. elev. at mouth of Rt. Fork of Morgans Run = 882'

Error in Closure :- Less than 1' in 200'

Company C. E. Nesler  
 Address PO Box 157, West Union, W. Va. 26456  
 Farm Mary K. & C.D. Talkington  
 Tract \_\_\_\_\_ Acres 96 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 907.5  
 Quadrangle Centerpoint 15 / Smithburg 7.5  
 County Doddridge District Grant  
 Engineer W. S. Hester  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date December 28, 1964 Scale 1" = 495'

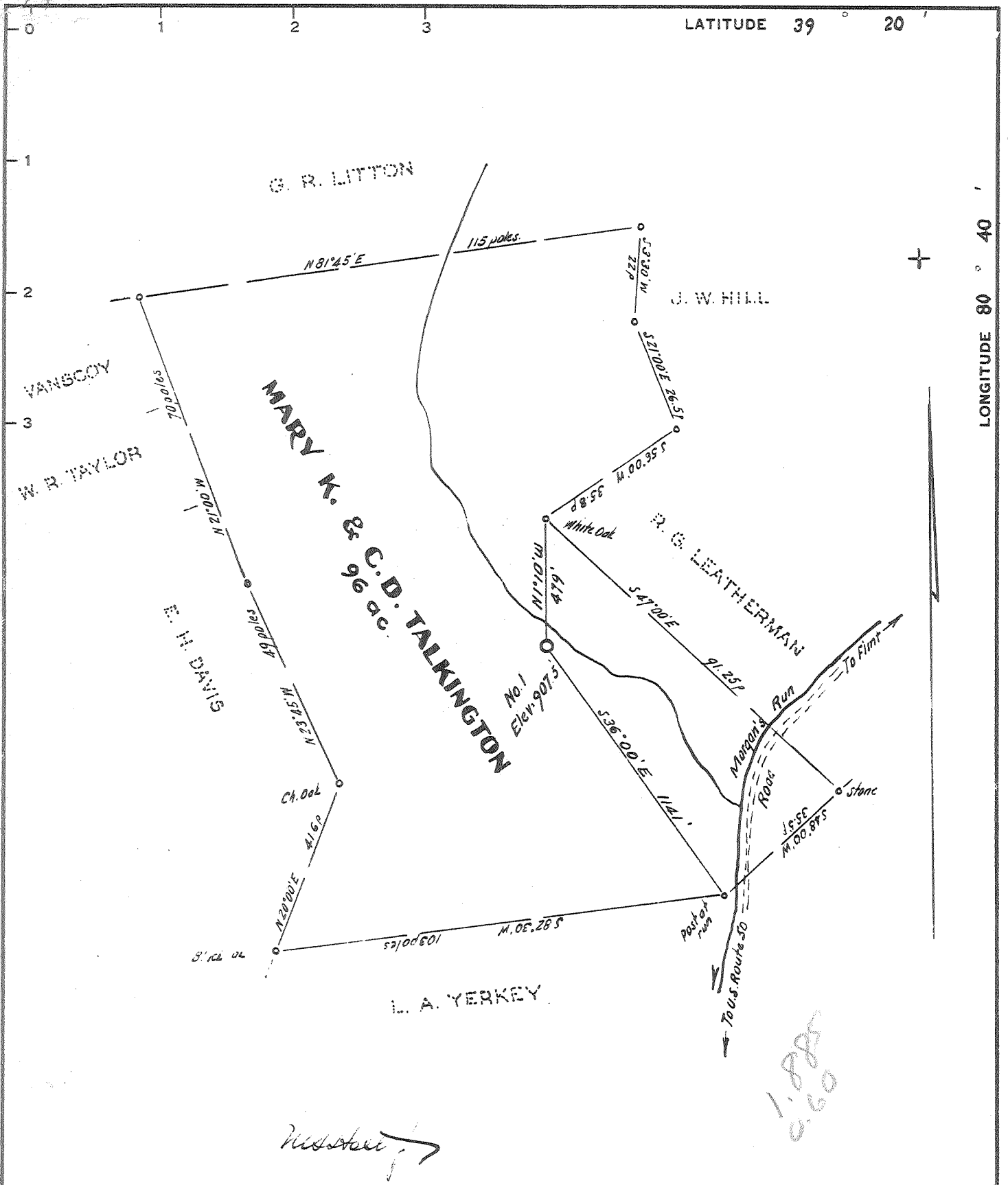
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 API Well No. 47-D17-1218P

+ 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.

AUG 6 1990

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



New Location   
 Drill Deeper   
 Abandonment

Elevation reference :- U.S.G.S. elev. at mouth of Rt. Fork of Morgans Run : 882'

Error in Closure :- Less than 1' in 200'

Company **TUSCARORA OIL & GAS CORP.**  
 Address **P.O. Box 383, Brookhaven, Mississippi**  
 Farm **Mary K. & C. D. Talkingington**  
 Tract \_\_\_\_\_ Acres **96** Lease No. \_\_\_\_\_  
 Well (Farm) No. **One** Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) **907.5**  
 Quadrangle **Centerpoint - SW**  
 County **Doddridge** District **Grant**  
 Engineer **W. H. Hall**  
 Engineer's Registration No. **1227**  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date **December 28, 1964** Scale **1" = 495'**

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

**WELL LOCATION MAP**  
 FILE NO. **Dod - 1218**

+ 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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 6

Quadrangle Centerpoint

Permit No. DOD-1218

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Tuscarora Oil & Gas Corp.  
Address P. O. Box 383, Brookhaven, Miss.  
Farm Mary K. & C. D. Talkington Acres 96  
Location (waters) Morgans Run  
Well No. 1 Elev. 907.5'  
District Grant County Doddridge  
The surface of tract is owned in fee by Mary K. & C. D. Talkington  
Address Morgansville, W. Va.  
Mineral rights are owned by 1/2 Talkington, 1/2 Hope Natural Gas Co.  
Address \_\_\_\_\_  
Drilling commenced February 1, 1965  
Drilling completed February 14, 1965  
Date Shot 2/26/65 From 1798' To 1887'  
With 13 Shape Charges (1/2" Holes)  
Open Flow 45/10ths Water in 2 Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil None bbls., 1st 24 hrs.  
WELL ACIDIZED Haliburton, 250 Gals. 15% Regular Acid

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>None</u>
13			Size of
10			Depth set
8 3/4	<u>24'</u>	<u>24'</u>	
6 3/4			
5 3/16			
3			Perf. top <u>1798-1805</u>
2		<u>1790'</u>	Perf. bottom
Liners Used			Perf. top <u>1840-1856</u>
<u>4 1/2"</u>		<u>1950'</u>	Perf. bottom <u>1885-1887</u>

WELL FRACTURED Haliburton, Breakdown 1950#, Max. pressure 2900#, Min. Pressure 2550#, Average Treating Rate 30 bbls. Minute, Treatment 41,300 Gals Water with Sand, 30,000# 20/40 & 10,000# 10/20  
RESULT AFTER TREATMENT 283 M/cu.ft. 24 hrs.  
ROCK PRESSURE AFTER TREATMENT 250# - 16 hrs.  
Fresh Water None Feet Salt Water None Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Unrecorded			0	1460			
Second Salt			1460	1516			
Shale	Black		1516	1562			
Third Salt			1562	1620			
Black Shale			1620	1632			
Shale Lime			1632	1660			
Black Shale			1660	1672			
Little Lime			1672	1694			
Pencil Cave			1694	1704			
Big Lime			1704	1772			
Keener Sand			1772	1810			
Shale			1810	1824			
Big Injun			1824	1859			
Shale			1859	1864			
Squaw Sand			1864	1896			

