



75 ACRES LEASE  
EDWARD WEBB - SURFACE  
RALPH LEGGETT - ROYALTY

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.

By Paul S. Dean

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

B.M. REF. = GOVMT. B.M. ON CONC. BRIDGE 500' S. OF LOCATION = 823.2  
MINIMUM ERROR OF CLOSURE 1/2,000

Company MANN DRILLING CO.  
 Address Box 86, CLARKSBURG, W.Va.  
 Farm RALPH LEGGETT  
 Tract 1 Acres 75± Lease No. \_\_\_\_\_  
 Well (Farm) No. FOUR Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 875  
 Quadrangle HOLBROOK NC  
 County DODDRIDGE District CENTRAL  
 Engineer Paul S. Dean  
 Engineer's Registration No. 1856  
 File No. 168-30 Drawing No. 65-71  
 Date Nov. 24, 1965 Scale 1" = 20 P. = 330'

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

WELL LOCATION MAP  
FILE NO. 000-1339

+ 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

Rotary   
Spudder   
Cable Tools   
Storage   
Oil or Gas Well

*Miss Phillips  
2-1-66  
WB*

*Oil*  
(KIND)

Quadrangle \_\_\_\_\_  
Permit No. DODD-I339/

WELL RECORD

Company Mann Drilling Co.  
Address Box 86, Clarksburg, W. Va.  
Farm Ralph Leggett Acres 75  
Location (waters) Cabin Run  
Well No. 4 Elev. 875'  
District Central County Doddridge  
The surface of tract is owned in fee by Edward Webb  
Address West Union  
Mineral rights are owned by Ralph Leggett  
Address West Union  
Drilling commenced 12-1-65  
Drilling completed 12-9-65  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume Unknown Cu. Ft.  
Rock Pressure Unknown lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.

| Casing and Tubing | Used in Drilling | Left in Well | Packers                  |
|-------------------|------------------|--------------|--------------------------|
| Size              |                  |              | Kind of Packer           |
| 16                |                  |              |                          |
| 13                |                  |              | Size of                  |
| 10                |                  |              |                          |
| 8 1/4             |                  |              | Depth set                |
| 6 3/4             |                  |              |                          |
| 5 3/16            | 2085'            | 2085'        | Perf. top <u>I964-76</u> |
| 4 1/2             |                  |              | Perf. bottom             |
| 3                 |                  |              | Perf. top                |
| 2                 |                  |              | Perf. bottom             |
| Liners Used       |                  |              |                          |

Attach copy of cementing record.  
CASING CEMENTED Yes SIZE 4 1/2 No. Ft. 2085' Date \_\_\_\_\_  
Amount of cement used (bags) 145 Bags Dozmix  
Name of Service Co. Halliburton  
COAL WAS ENCOUNTERED AT None FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL FRACTURED (DETAILS) Water 750 BBL. Sand 25000 LB. 500 Gals. Acid

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 4 BBLs. Oil - B. Injun  
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 |
|---|-------|--------------|-------|--------|-------------------|-------|---------|
| Well drilled with rotary  |       |              |       |        |                   |       |         |
| <u>Waxton sand</u>  |       |              | 1776' | 1784'  |                   |       |         |
| <u>Pencil cave</u>  |       |              | 1854' | 1858'  |                   |       |         |
| <u>Big Lime</u>   |       |              | 1874' | 1933'  |                   |       |         |
| <u>Big Injun</u>  |       |              | 1933' | 1980'  |                   |       |         |
| <u>Shale</u>  |       |              | 1980' | 2085'  |                   |       |         |
| Total Depth   |       |              |       | 2085'  |                   |       |         |
| Well logged by Sand Surveys 12-9-65<br>App. 1000' fill up on cement 1085' |       |              |       |        |                   |       |         |

