



"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 CONCRETE BRIDGE 650' EAST OF LOCATION
 MINIMUM ERROR OF CLOSURE 13,000

| | |
|-----------------------------|--|
| Company | <u>MANN DRILLING CO.</u> |
| Address | <u>Box 86, CLARKSBURG, W.VA.</u> |
| Farm | <u>RALPH LEGGETT</u> |
| Tract | <u>2</u> Acres <u>168 3/4</u> Lease No. _____ |
| Well (Farm) No. | <u>ONE</u> Serial No. _____ |
| Elevation (Spirit Level) | <u>820</u> |
| Quadrangle | <u>HOLBROOK NC</u> |
| County | <u>DODDRIDGE</u> District <u>CENTRAL</u> |
| Engineer | <u>Paul S. Dean</u> |
| Engineer's Registration No. | <u>1856</u> |
| File No. | <u>168-30</u> Drawing No. <u>65-72</u> |
| Date | <u>Nov. 24, 1965</u> Scale <u>1" = 400' = 660'</u> |

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

WELL LOCATION MAP
 FILE NO. Dod-1338

+ 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

*Miss Phillips
2-1-66
48*

Oil

Quadrangle

Permit No. DODD-I338'

WELL RECORD

Oil or Gas Well (KIND)

Company Mann Drilling Co.
Address Box 86, Clarksburg, W. Va.
Owner Ralph Leggett Acres 168+
Location (waters) Cabin Run
Well No. I Elev. 820'
District Central County Doddridge
The surface of tract is owned in fee by Forest Bratton
Address West Union
Mineral rights are owned by Ralph Leggett
Address West Union
Drilling commenced 12-10-65
Drilling completed 12-21-65
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 | | | Depth set |
| 8 1/4 | | | |
| 6 5/8 | | | |
| 5 3/16 | | | |
| 4 1/2 | 2012' | 2012' | Perf. top 1918-23' |
| 3 | | | Perf. bottom |
| 2 | | | Perf. top |
| Liners Used | | | Perf. bottom |

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) Water 750 BBL. Sand 22000 LB. %00 Gals. Acid
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 4BBL. Oil
ROCK PRESSURE AFTER TREATMENT HOURS
Fresh Water Feet Salt Water Feet
Producing Sand Depth

Attach copy of cementing record.
CASING CEMENTED Yes SIZE 4 1/2 No. Ft. 2012' Date
Amount of cement used (bags) 190 Bags
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT None FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

B. T. Injun

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|---|-------|--------------|-------|--------|-------------------|-------|---------|
| Well was drilled by rotary | | | | | | | |
| Big Line | | | 1830' | 1885' | | | |
| Big Injin | | | 1885' | 1930' | | | |
| Shale | | | 1930' | 2012' | | | |
| Total Depth | | | | 2012' | | | |
| Well log by Sand Surveys 12-21-65 App. 1000' Fill up on cement 1012' | | | | | | | |

