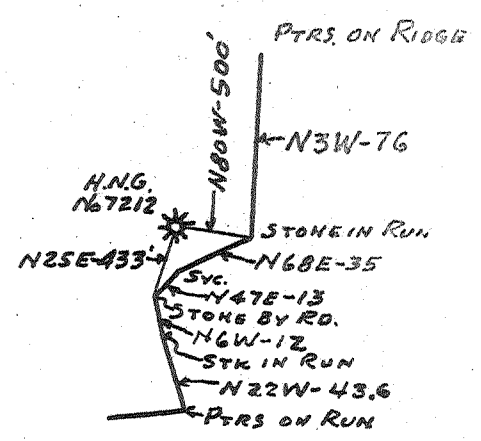
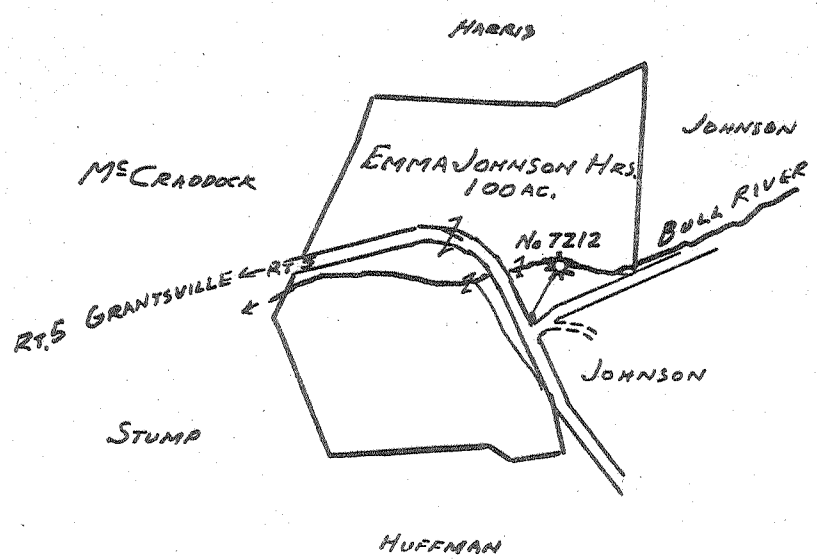


Latitude $38^{\circ} 55'$
 Longitude $81^{\circ} 00'$

0 1 2 3 +

0.185
3.8 W



SURVEY OF LOCATION
 &
 DETAIL OF FARM LINES NEAR WELL

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

Company GLEN W. ROBERTS
 Address ELIZABETH, WEST VA.
 Farm EMMA JOHNSON HRS
 Tract _____ Acres 100 Lease No. _____
 Well (Farm) No. ONE Serial No. 7212 HORN N.G. Co
 Elevation (Spirit Level) 714 FT.
 Quadrangle ARNOLDSBURG
 County CALHOUN District SHERMAN
 Engineer Glen W. Roberts
 Engineer's Registration No. 860
 File No. _____ Drawing No. _____
 Date MCH. 10, 1958 Scale 1 IN = 80 FEET

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

WELL LOCATION MAP
 FILE NO. CAL-343-A

+ 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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Amelobony

Permit No. 343A

WELL RECORD

Oil or Gas Well X (KIND)

Company Glen W. Roberts
 Address Elizabeth, W. Va.
 Farm Emma Johnson Heirs Acres 100
 Location (waters) _____
 Well No. Hope Nat. Gas Co. #7212 Elev. 717
 District Sherman County Calhoun
 The surface of tract is owned in fee by Emma Johnson Heirs
 Address Grantsville, W.Va.
 Mineral rights are owned by Emma Johnson Heirs
 Address _____
 Drilling commenced August 1928
 Drilling completed Oct. 31, 1928
 Date Shot _____ From _____ To _____
 With _____
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED _____
 WELL FRACTURED _____

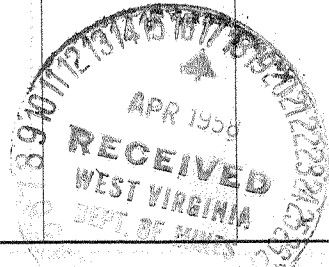
| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 | | | |
| 10 | 118' 9" | | Size of |
| 8 1/4 | 818' 6" | 818' 6" | |
| 6 5/8 | 1673' 6" | 1673' 6" | Depth set |
| 5 3/16 | | | |
| 3 | | | Perf. top |
| 2 | 1807' 9" | 1807' 9" | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

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 |
|----------------|-------|--------------|------|---------|-------------------|-------------|---------|
| Little Dunkard | | | 665 | 690 | | | |
| Big Dunkard | | | 810 | 860 | | | |
| Salt Sand | | | 1306 | 1355 | | | |
| Maxon Sand | | | 1540 | 1588 | | | |
| Big Lime | | | 1632 | 1700 | | | |
| Injun Sand | | | 1700 | 1782 | Gas | 1765 - 1774 | |
| | | | | 1818 TD | | | |



(over)

DEC 20 1958

