





STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Quadrangle .

| Permit | No | 170 | 12- | F | |
|-------------|-----|-----|-----|----|--|
| 1 CI IIII C | 110 | | | 1- | |

Location (waters)____

Drilling commenced____ Drilling completed____

With

Volume_

Oil__

Open Flow

Rock Pressure_

Well No. 2

Company William Cassady

Farm W. L. Hall

The surface of tract is owned in fee by_

Mineral rights are owned by____

Date Shot____From__

Address 4901 - 9th Ave., Vienna, W. Va.

District Union County Harrison

/10ths Water in___

_/10ths Merc. in

____Address__

WELL RECORD

____Elev. 1040.

____Inch

____Cu. Ft.

__bbls., 1st 24 hrs.

__Inch

__hrs.

Casing and

Tubing

Size

81/4___

65/8___

Liners Used_

13

Used in

Drilling

| Oil or Gas Well | | | | | |
|-----------------|----------------|--|--|--|--|
| | (KIND) | | | | |
| Left in Well | Packers | | | | |
| | Kind of Packer | | | | |
| 275 1119 | Size of | | | | |
| 1818 2369 | Depth set | | | | |
| | Perf ton | | | | |

Perf. bottom_

Perf. bottom___

Perf. top___

CASING CEMENTED.... SIZE____No. Ft.__

COAL WAS ENCOUNTERED AT_____FEET__ _INCHES __INCHES_____FEET__ _ FEET__ FEET INCHES FEET INCHES

WELL FRACTURED_

WELL ACIDIZED.

RESULT AFTER TREATMENT_

ROCK PRESSURE AFTER TREATMENT

____То__

_lbs.__

| Fresh Water | | Feet | | Salt Water | <u> </u> | Feet | · · · · · · · · · · · · · · · · · · · |
|---------------|---------|-----------------|-------|------------|----------------------|--------|---------------------------------------|
| Formation | Color | Hard or Soft | Тор | Bottom | Oil, Gas or Water | Depth | Remarks |
| Pittsburgh Co | al | | 211 | 21.8 | | | |
| Dunkard Sand | | | 750 | 810 | | | |
| Gas Sand | | | 1022 | 1075 | | | |
| Red Rock | | | 17180 | 1610 | | | |
| Little Lime | | | 1630 | 1640 | | | |
| Big Lime | | | 1650 | 1720 | | | |
| Big Injun | | | 1720 | 1775 | | | |
| Fifty Foot | , | | 2172 | 21.95 | 12 10 10 50 S | | |
| Stray Sand | | : | 2260 | 2300 | AUG | 200526 | |
| Gordon Sand | | | 2316 | 2360 | | 2627 | |
| Fifth Sand | | | 2515 | 2523 | |) | |
| Total Depth | (158 M) | , | | 2539 | \$25577000° | | |

Showed 1.6" Mercury 1" in Gordon Sand. Gas shut off in rock with packers, one above and one below. 9-25 repacked with two packers 78' between packers.

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