New Location. □
Drill Deeper. □
Abandonment. □

Issued 7/15/44

Elev. ref. B.N. West Union 835'
Error in closure: Less than 1 in 200

WELL LOCATION MAP
FILE NO. 000-318-P

+ 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.

AUG 9 1974
**WELL RECORD**

**State of West Virginia**

**Department of Mines**

**Oil and Gas Division**

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**Company:** Tower Service Company

Address: 310 Union Trust Bldg., Parkersburg, W. Va.

**Farm:** Church of Christ

Location (Waters): Middle Island Creek

**Well No.:** 31

**District:** West Union

**County:** Doddridge

**The surface of tract is owned in fee by:** Cola G. Smith and

**The A. Ash, Trustees**

Address: West Union, W. Va.

**Elev.:** 798

**Acres:** 10

**Mineral rights are owned by:** same as above

**Address:**

Drilling commenced: May 11, 1960

Drilling completed: June 3, 1960

Date Shot: From --- To ---

With:

**Open Flow** 6/10ths Water in 21/2 Inch

10ths Merc. in ---

**Volume:** Ca. Ft.

Rock Pressure: 220 lbs. in 5 hrs.

**Oil:** bbls., 1st 24 hrs.

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**WELL ACIDIZED**

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**WELL FRACTURED:** 27,000 lb. of Sand

600 Bbls. water

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**RESULT AFTER TREATMENT:** Fair

**ROCK PRESSURE AFTER TREATMENT:** 650 --- 24 hrs.

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**Formation** | **Color** | **Hard or Soft** | **Top** | **Bottom** | **Oil, Gas or Water** | **Depth** | **Remarks**
---|---|---|---|---|---|---|---
Quick sand | yellow | soft | 0 | 12 | water | 90 | 2 bailers
Sand | gray | hard | 12 | 19 | water | 155 | 3 bailers
Red rock | gray | soft | 19 | 30 | | | 
Sand | gray | hard | 30 | 45 | | | 
Slate | gray | n/a | 45 | 50 | | | 
Line | white | hard | 50 | 60 | | | 
Line | gray | soft | 60 | 80 | | | 
Line | gray | soft | 80 | 95 | | | 
Slate | gray | soft | 95 | 110 | | | 
Sand | gray | hard | 110 | 123 | | | 
Slate | blue | soft | 125 | 130 | | | 
Line | white | hard | 130 | 140 | | | 
Slate | blue | soft | 140 | 150 | | | 
Red rock | red | n/a | 130 | 150 | water | 205 | 1 bailer
Slate | gray | n/a | 195 | 225 | | | 
Slate | blue | soft | 255 | 235 | | | 
Red rock | red | n/a | 255 | 250 | | | 
Slate | blue | n/a | 250 | 320 | | | 
Line | gray | hard | 320 | 345 | | | 
Red rock | red | soft | 345 | 395 | | | 
Slate shells | gray | hard or soft | 355 | 470 | | | 
Sintered rock | red | soft | 450 | 495 | | | 
Slate | gray | n/a | 450 | 545 | | | 
Line | white | hard | 555 | 555 | | | 
Slate | blue | soft | 555 | 655 | | | 
Sand | gray | hard | 655 | 695 | | | 
Pink rock | pink | soft | 695 | 695 | | | 
Pink rock | pink | n/a | 695 | 720 | | | 
Pink rock | pink | n/a | 720 | 750 | | | 

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(Cover)
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<th>Formation</th>
<th>Color</th>
<th>Hard or Soft</th>
<th>Top 6</th>
<th>Bottom</th>
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