



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.

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

Chet Waterman

Company	T.W.M. PETROLEUM, INC.
Address	CHARLESTON, W. VA.
Farm	ELK RIVER LUMBER CO.
Tract	Acres 5459 Lease No.
Well (Farm) No.	6 Serial No.
Elevation (Spirit Level)	1516'
Quadrangle	CLAY WC
County	CLAY District PLEASANT
Engineer	CHET WATERMAN
Engineer's Registration No.	3788
File No.	71003-314 Drawing No.
Date	8/19/71 Scale 1" = 2000'

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

WELL LOCATION MAP
FILE NO. Clay-942

+ 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 OIL & GAS DIVISION
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Clay

Permit No. CLA-942

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company TWM Petroleum Inc.
Address 912-A Goff Bldg., Clarksburg,
Farm Elk River Lumber Co. Acres 5459
Location (waters) Adonijah Creek
Well No. 6 Elev. 1515' G. L.
District Pleasant County Clay
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Elk River Lumber Co.
Address Charleston, W. Va.
Drilling commenced 10-7-71
Drilling completed 10-13-71
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer shoe
16			
10			Size of <u>4-1/2</u>
8 1/4 8-5/8	321	321	Depth set <u>2447'</u>
6 3/4			
5 3/16		2447	
4 1/2			Perf. top <u>open hole</u>
3		2454	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume show _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil show _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) 500 gal mud acid
WELL FRACTURED (DETAILS) 435 Bbl. slick oil + 20,000 #sand

Attach copy of cementing record.
CASING CEMENTED 4-1/2 SIZE 2447 No. Ft. 10-13-71 Date
Amount of cement used (bags) 25
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT none FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1,600 MCF
ROCK PRESSURE AFTER TREATMENT 520 p.s.i. HOURS 24
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Injun Depth 2475-2504

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
sand & shale			surface	2193			
L. lime			2193	2264			
Blue Monday			2264	2299			
Big Lime			2299	2450			
<u>Injun</u>			2450	2504			
Shale			2504	2529			
T.D.				2529			

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