



Minimum Error of Closure 1 in 200'

Source of Elevation Elev of Flint = 835'

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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.

Signed: Westover J.
Squares: N S E W

Map No.

Company John R. Warren, dba, Warren Drilling Co.
 Address 1215 United Founders Tower, Oklahoma City, 73112
 Farm Clyde S. McMillan
 Tract _____ Acres 75 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1049'
 Quadrangle Centerpoint WC
 County Doddridge District Grant
 Engineer Westover J.
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date July 5, 1971 Scale 1" = 300' = 495'

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

WELL LOCATION MAP

FILE NO. DOD - 1626

+ 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.

39-100
4-14



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STATE OF WEST VIRGINIA OIL & GAS DIVISION
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

- Rotary
- Bladder
- Cable Tools
- Storage

Quadrangle..... Centerpoint.....

Permit No. DOD-1626.....

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Warren Drilling Company
Address 1215 United Founders Tower
Okiahoma City, Okiahoma 73112
Farm Clyde S. McMillan Acres 75
Location (waters).....
Well No. #1 Elev. 1043
District Grant County Doddridge
The surface of tract is owned in fee by Cecil McMillan
Address West Union, W. Va.
Mineral rights are owned by Clyde S. McMillan
Route 2 Address West Union, W. Va.
Drilling commenced 7-20-71
Drilling completed 7-24-71
Date Shot..... From..... To.....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 1/4	213	213	
6 5/8			
5 3/16			Perf. top <u>1987</u>
4 1/2	1993	1993	Perf. bottom <u>1993</u>
3			Perf. top
2			Perf. bottom
Liners Used			

With.....
Open Flow /10ths Water in..... Inch
/10ths Merc. in..... Inch
Volume 516,000 Cu. Ft.
Rock Pressure 485 lbs. 52 hrs.
Oil..... bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS).....
WELL FRACTURED (DETAILS)..... 750 bbls. of water with 32,000 lbs. of sand

Attach copy of cementing record.
CASING CEMENTED 4 1/2" SIZE 1993 No. Ft 7-20-71 Date
Amount of cement used (bags) 80
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT..... FEET..... INCHES
FEET..... INCHES FEET..... INCHES
FEET..... INCHES FEET..... INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 516,000
ROCK PRESSURE AFTER TREATMENT 485 HOURS 52
Fresh Water 80 Feet Salt Water..... Feet
Producing Sand Big Injun Depth 1987 - 1993

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand			0	40			
Slate			40	90			
Red rock			90	130			
Sand			130	180			
Slate			180	220			
Lime			220	275			
Red rock			275	320			
Slate			320	380			
Slate & shells			380	430			
Red rock			430	470			
Sand			470	550			
Lime			550	610			
Slate			610	675			
Sand			675	750			
Red rock			750	820			
Lime			820	910			
Lime & shells			910	980			
Sand			980	1030			
Slate			1030	1090			
Slate & shells			1090	1160			
Lime			1160	1240			
Red rock			1240	1320			
Sand			1320	1405			
Slate			1405	1500			
Red rock			1500	1560			
Sand			1560	1610			
Lime			1610	1670			
Slate			1670	1730			

Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red rock			1730	1770			
Slate			1770	1870			
Lime			1870	1968			
Sand - <i>Big Injun</i>			1968	2086			
T D				2086			

Date September 21, 1971
 APPROVED John B. Warren, Owner
 By James F. Scott, Sgt.
 (Title)