



Minimum Error of Closure 1 in 200'
 Source of Elevation Elev at mouth of Sycamore Fork = 930'

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.

- Fracture
- New Location
- Drill Deeper
- Abandonment

Map No. _____ Signed: Michael J. [Signature]
 Squares: N S E W

Company John R. Warren, dba, Drilling Co
 Address United Founders Tower, Oklahoma City, Okla
 Farm Clitus Ashcraft
 Tract _____ Acres 175 Lease No. _____
 Well (Farm) No. One Serial No. 154
 Elevation (Spirit Level) 947'
 Quadrangle Centerpoint C
 County Doddridge District McClellan
 Engineer Michael J. [Signature]
 Engineer's Registration No. 1727
 File No. _____ Drawing No. _____
 Date Aug. 27, 1971 Scale 1" = 400' = 660'

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

WELL LOCATION MAP
 FILE NO. DOD - 1638

+ 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.



RECORDED

OCT 15 1971

39-30
5-25

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

OIL & GAS DIV. Rotary
Spudder
Cable Tools
Storage

C. NOLL

Quadrangle Center Point

Permit No. Dod-1638

WELL RECORD

I Oil or Gas Well Gas
(KIND)

Company Warren Drilling Company
Address 1215 United Founders Tower
Oklahoma City, Oklahoma 73112
Farm Clitus Ashcraft Acres 95
Location (waters) Pike Fork
Well No. 1 Elev. 947
District McClellan County Doddridge
The surface of tract is owned in fee by Clitus Ashcraft
Center Point Address W. Va.
Mineral rights are owned by Clitus Ashcraft, et al
Center Point Address W. Va.
Drilling commenced 9-10-71
Drilling completed 9-13-71
Date Shot From To

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4	544	544	
6 5/8			Depth set
5 3/16			
4 1/2	2106	2106	
3			Perf. top 1925
2			Perf. bottom 1927
Liners Used			Perf. top 1975
			Perf. bottom 1976

Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED 4 1/2" SIZE 2106 No. Ft. 9-14-71 Date
Amount of cement used (bags) 75
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT 282 FEET INCHES
358 FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 1000 bbls. of water, 53,000 lbs. of sand

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 2,300.00 ^{MCF} cubic feet
ROCK PRESSURE AFTER TREATMENT 500# HOURS 48
Fresh Water 80 Feet Salt Water Feet
Producing Sand Big Injun Depth 1925 & 1975

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand			0	50	Water	80	
Shale			50	105			
Sand			105	180			
Slate			180	220			
Sand			220	282			
Coal			282	285			
Slate			285	330			
Red rock			330	358			
Coal			358	362			
Sand			362	450			
Shale			450	510			
Sand			510	580			
Red rock			580	650			
Slate			650	710			
Sand			710	780			
Lime			780	840			
Slate			840	955			
Sand			955	1030			
Red rock			1030	1120			
Shale			1120	1210			
Sand			1210	1300			
Lime			1300	1380			
Shale			1380	1460			
Sand			1460	1540			
Shale			1540	1630			
Red rock			1630	1710			
Sand			1710	1770			
Shale			1770	1834			

(over)

OCT 26 1971

Formation	Color	Hard or Soft	Top ⁴	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Lime Sand <i>Injun</i> Shale T D			1834 1910 2018	1910 2018 2127 <u>2127</u>			

Date October 14, 1971

APPROVED Warren Drilling Company, Owner
By James F. Schott, Asst.
(Title)