

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: *A. C. Hillbert*

Map No. N18 Squares: N S 14 E W 1

Company	PENNZOIL COMPANY		
Address	P. O. BOX 1588, PARKERSBURG, W. VA.		
Farm	L. E. Williams		
Tract	Acres	Lease No.	290 81928
Well (Farm) No.	3	Serial No.	
Elevation (Spirit Level)	1067.10' ground		
Quadrangle	Centerpoint SC		
County	Doddridge	District	Greenbrier
Engineer	<i>A. C. Hillbert</i>		
Engineer's Registration No.	2534		
File No.	1437	Drawing No.	
Date	March 3, 1966 Scale 1" = 800'		

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

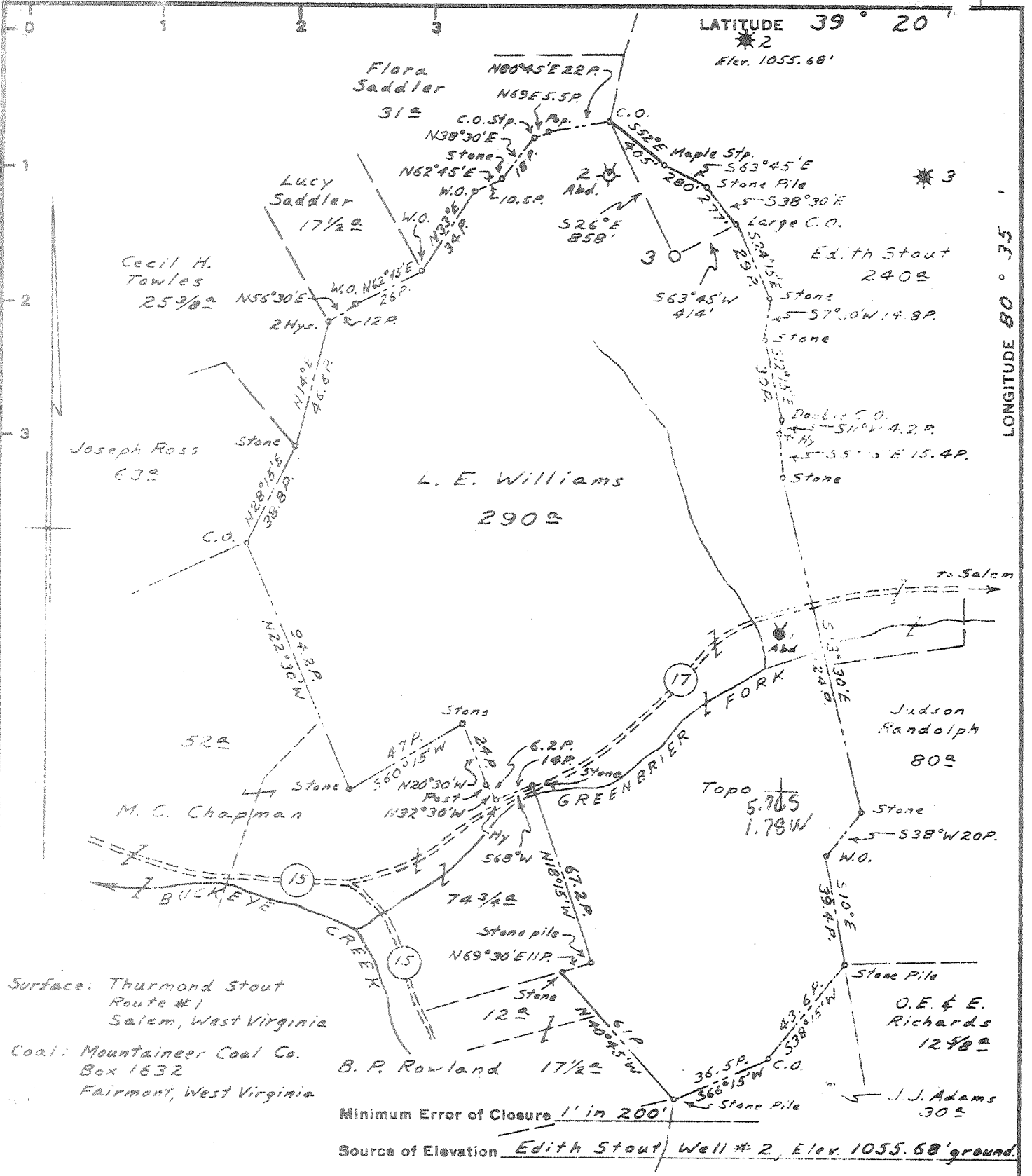
WELL LOCATION MAP

FILE NO. *Pod-1356*

class 6/

+ 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.



Surface: Thurmond Stout
Route #1
Salem, West Virginia

Coal: Mountaineer Coal Co.
Box 1632
Fairmont, West Virginia

Minimum Error of Closure 1' in 200'

Source of Elevation Edith Stout Well #2, Elev. 1055.68' ground.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle CENTERPOINT
Permit No. DOD-1356

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company PENNZOIL COMPANY
Address P.O. Box 1588, Parkersburg, W. Va.
Farm L. E. Williams Acres 290
Location (waters) _____
Well No. 3 Elev. 1067.10'
District Greenbrier County Doddridge
The surface of tract is owned in fee by Thurmond Stout
Route No. 1 Address Salem, W. Va.
Mineral rights are owned by Edison E. Ritter
153 Valley St. Address Salem, W. Va.
Drilling commenced April 15, 1966
Drilling completed April 25, 1966
Date Shot _____ From _____ To _____
With _____
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 _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size		(14.72' cut off)	
16 8-5/8"	916.6'	901.9'	Kind of Packer Steel Shoe
13 4-1/2"	2377.6'	2377.6'	Float Collar
10 8 3/4"			Guide Shoe
6 5/8"			Size of: 8-5/8" 4-1/2"
5 3/16"			Depth set
3"			Perf. top
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8-5/8" SIZE 891' No. Ft. 4/19/66 Date
4-1/2" 2360' 4/26/66

COAL WAS ENCOUNTERED AT 825 FEET 72 INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

WELL FRACTURED May 11, 1966 Used: 52,000# Sand - 43,680 Gals. Water - 600 Gals. MCA Acid - 1/2 Gal. Inhibitor - 50 Gals. Morflo - 500# WAC-8 - 10 Perf. Balls
RESULT AFTER TREATMENT Gas: 200 Mcf. Oil: 50 Bbls./Day Big Injun
ROCK PRESSURE AFTER TREATMENT 485#
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
lts & Shale			0	608			
nd & Shale			608	690			
lts & Shale			690	825			
al			825	831			
ale			831	855			
nd			855	900			
ale			900	1075			
ale & Silts			1075	1220			
ale			1220	1350			
nd			1350	1395			
ale & Silts			1395	1605			
nd			1605	1615			
ale			1615	1725			
nd			1725	1740			
ale			1740	1865			
nd			1865	1912			
ale			1912	1926			
nd			1926	1936			
ale			1936	2072			
nd			2072	2080			
ale			2080	2104			
ttle Lime			2104	2120			
k, Shale			2120	2143			
g Lime			2143	2209			
g Injun			2209	2299	Oil	2210-34	Show
ale			2299	2360	Oil	2243-54	Show
Total Depth				2360'			

