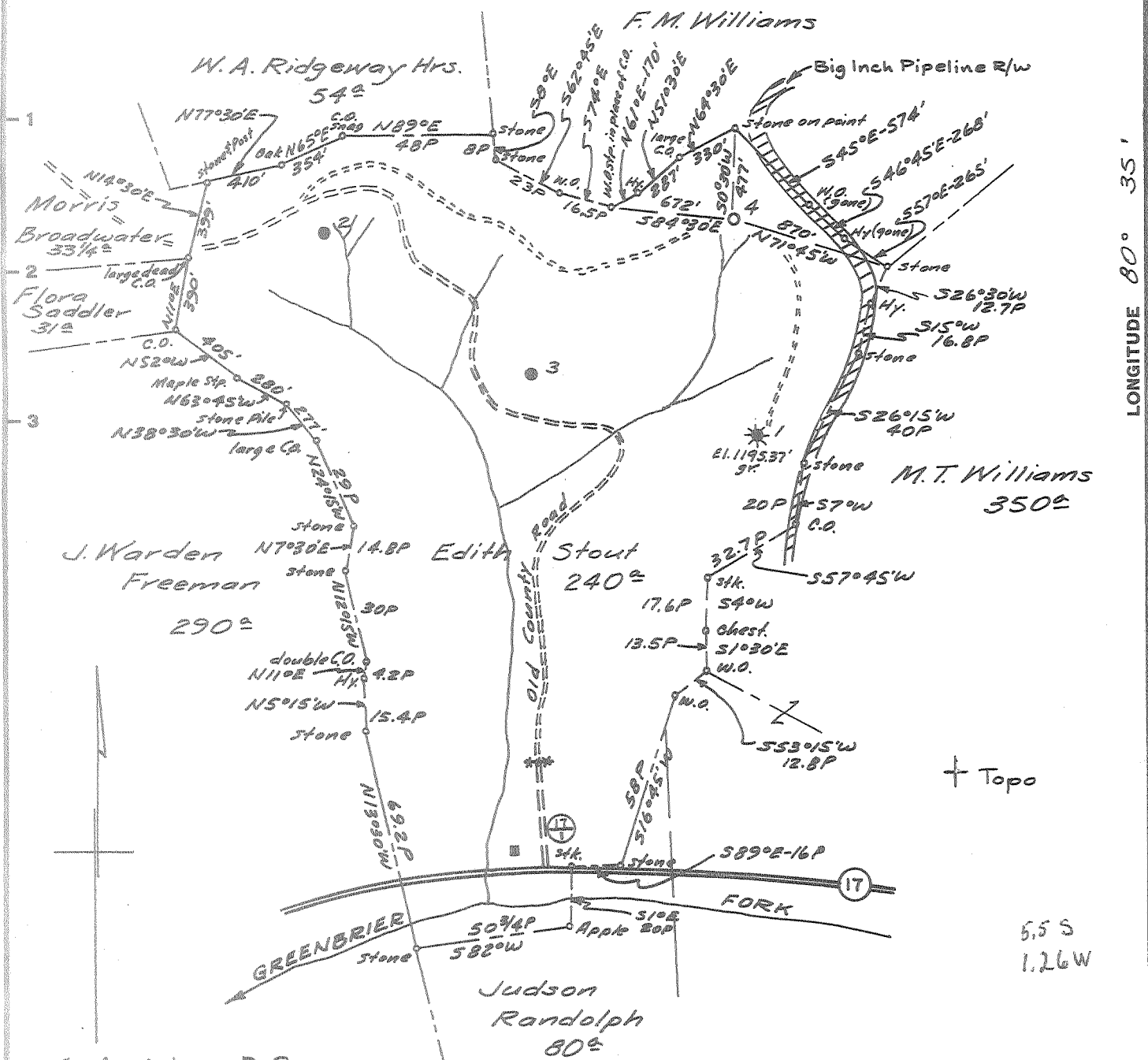


LATITUDE 39° 20'

LONGITUDE 80° 35'



Surface: JAMES R. STOUT
Rt. #1,
SALEM, W. Va.

Coal: MOUNTAINEER
COAL COMPANY
Box 1632,
FAIRMONT, W. Va.

Minimum Error of Closure 1" in 200'
Source of Elevation Taken from well #1, Edith Stout, Elevation
1195.37' ground.

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	EDITH STOUT
Tract	Acres 240 [±] Lease No. 75010
Well (Farm) No.	4 Serial No.
Elevation (Spirit Level)	1182.55' ground
Quadrangle	CENTERPOINT SC
County	DODDRIDGE District GREENBRIER
Engineer	A.C. Hillbert
Engineer's Registration No.	2534
File No.	1418 Drawing No.
Date	March 11, 1966 Scale 1" = 800'

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

WELL LOCATION MAP

FILE NO. D00-1357

clar: 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle CENTERPOINT
Permit No. DOD-1357

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company PENNZOIL COMPANY
Address P.O. Box 1588, Parkersburg, W. Va.
Farm Edith Stout Acres 240
Location (waters) _____
Well No. 4 Elev. 1182.55'
District Greenbrier County Doddridge
The surface of tract is owned in fee by James R. 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 March 30, 1966
Drilling completed April 11, 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 -

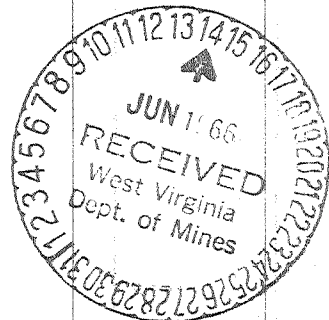
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Steel Shoe
13 8-5/8"	1011.5'	1011.5'	Guide Shoe
10 4-1/2"	2495'	2495'	Float Collar
8 3/4"			Size of _____
6 5/8"			4-1/2"
5 3/16"			4-1/2"
3			Depth set _____
2			1004'
Liners Used			2477'
			Perf. top 2346'
			Perf. bottom _____
			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8-5/8" SIZE 1004 No. Ft. 4/4/66 Date
4-1/2" 2477' 4/11/66

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED April 21, 1966 Used: 1,000 Bbls. Water - 60,000# Sand - 300 Gals. Dowell X
1 Gal. A-130 - 1-1/2 Gals. W-9 - 400# J-84 - 250# J-111 - 40 Gals. Freflo - 40 Gals. F-40
RESULT AFTER TREATMENT Gas: 60 Mcf. Oil: 15 Bbls/Day *Big Dipper*
ROCK PRESSURE AFTER TREATMENT 400#
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil & Shale			0	75			
Sand			75	85			
Shale			85	220			
Sand			220	240			
Silts & Shale			240	455			
Sand			455	470			
Shale			470	545			
Sand			545	600			
Shale & Silts			600	734			
Sand & Silts			734	818			
Silts & Shale			818	957			
Pitts. Coal			947	964			
Shale			964	985			
Sand			985	1030			
Silts & Shale			1030	1202			
Sand			1202	1215			
Shale			1215	1275			
Sand & Silts			1275	1375			
Shale			1375	1488			
Sand & Shale			1488	1595			
Silts & Shale			1595	1735			
Sand			1735	1773			
Shale			1773	1860			
Sand			1860	1872			
Shale			1872	1905			
Sand			1905	2022			
Shale			2022	2234			
Little Lime			2234	2250			
Shale			2250	2278			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Lime			2278	2324			
Big Injun			2324	2424	Oil	2338-54	Show
Shale			2424	2477			
Total Depth				2477'			

Date June 13, 19 66

APPROVED PENNZOIL COMPANY, Owner

By A. C. Hilbert
A. C. Hilbert (Title) Engineer