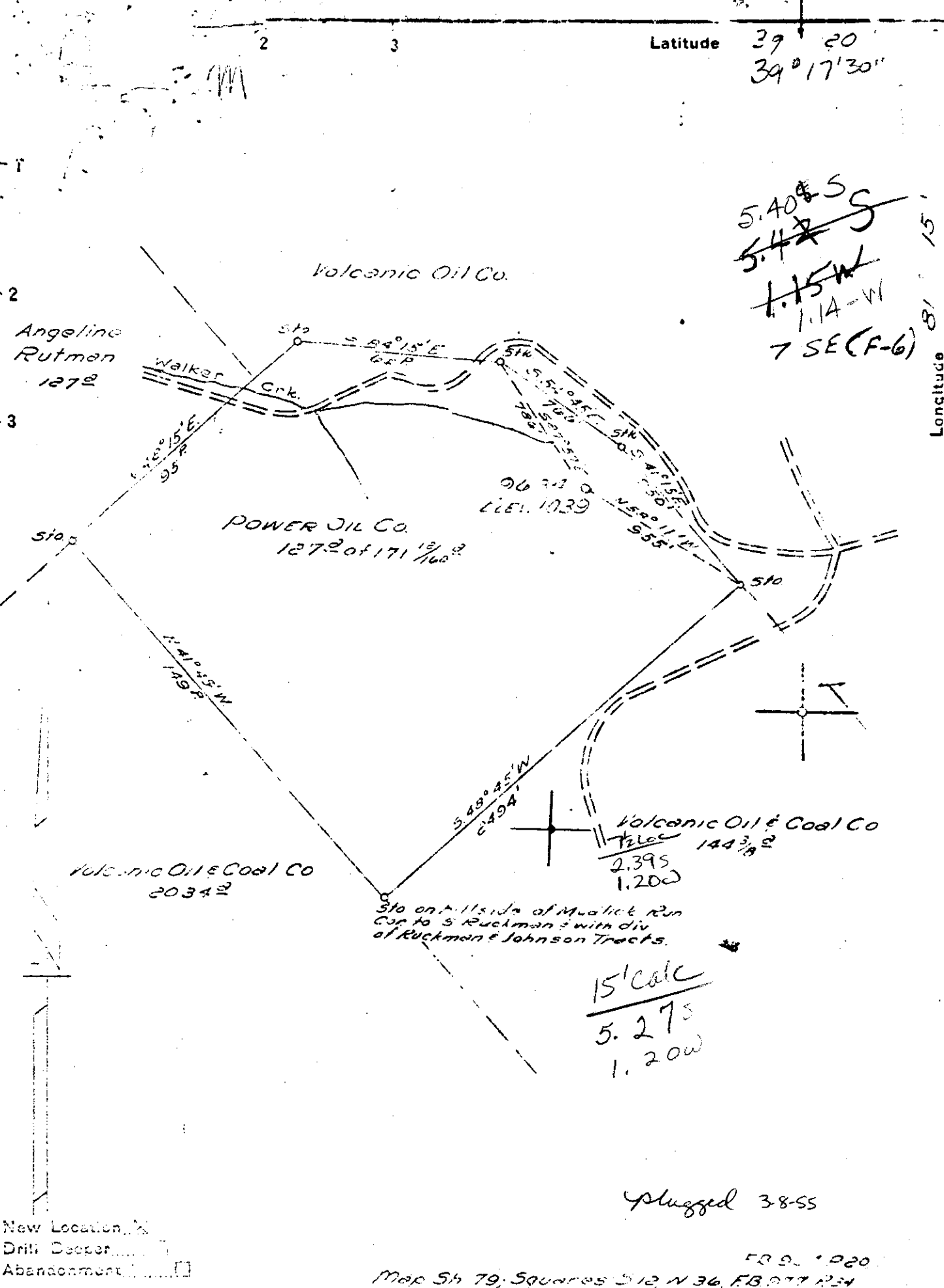


Latitude 39° 20'  
39° 17' 30"



New Location   
 Drill Deeper   
 Abandonment

Map Sh 79, Squares S12, N 36, E B 27, R 24

Company	HOPE NATURAL GAS CO.
Address	CLARKSBURG, W. VA.
Farm	POWER OIL COMPANY
Tract	Tracts 171 & 172 Lease No. 47237
Well No.	Serial No. 2634
Elevation (Surface level)	1039'
Location	MARIETTA (SE)
County	Putnam District WALKER
Engineer	[Signature]
Engineer's Registration No.	490
File No.	Drawing No.
Date	Scale
1-18-51	1" = 40 poles

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

WELL LOCATION MAP  
 FILE NO. W00-351

+ 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.

Deep Well

T.D. 12 3

See Report of Investigations No 14 2207

Latitude 39 20

Longitude 81 15

5.40 S  
~~5.42 S~~  
1.15 W  
114-11  
7 SE (F-6)

Volcanic Oil Co.

Angeline Rutman 1272

Walker Crk.

S 84° 15' E 1272

Elev. 1039

POWER OIL CO. 1272 of 171 13/160

S 14° 15' W 1292

S 48° 45' W 2494

Volcanic Oil & Coal Co 144 3/8

Volcanic Oil & Coal Co 20342

Sto on N. side of Mudlick Run Cor to S Rutman with div of Ruckman & Johnson Tracts.



New Location    
Drift Cover    
Abandonment

Map Sh 79, Squares S 12 N 36, E B 27 R 24

Company HONE NATURAL GAS CO.  
 Address CLARKSBURG, W. VA.  
 Form POWER OIL COMPANY  
 Tract 171 13/160 Lease No. 47287  
 Well Name \_\_\_\_\_ Serial No. 2034  
 Elevation (ft. level) 1039'  
 County MARIETTA District SE  
 County \_\_\_\_\_ District WALKER  
 Engineer's Signature \_\_\_\_\_  
 Engineer's Registration No. 470  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 1-13-51 Scale 1" = 40 poles

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

WELL LOCATION MAP  
FILE NO. WQQ-351

+ 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.

Deep Well

- Denotes one inch spaces on border line of original tracing

T.D. 113

Map No. 3297 (See Specifications No. 11)

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Marietta

Permit No. W00-351

## WELL RECORD

Oil or Gas Well Dry  
(KIND)

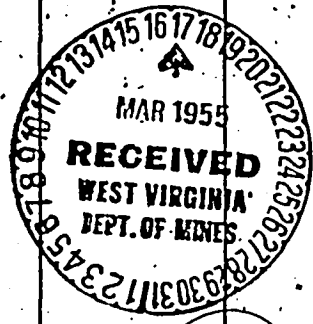
Company Hope Natural Gas Company  
 Address 445 West Main St., Clarksburg, W. Va.  
 Farm Power Oil Co. Acres 171  
 Location (waters) \_\_\_\_\_  
 Well No. 9634 Elev. 1039'  
 District Walker County Wood  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced May 3, 1951  
 Drilling completed Mar. 4, 1955  
 Date Shot Not Shot From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume Dry \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water 65' 111' feet \_\_\_\_\_ feet  
 Salt water No record feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size <u>20"</u>	<u>21'</u>	<u>21'</u>	Kind of Packer _____
<u>16</u>	<u>213'</u>	<u>213'</u>	
<u>18</u>	<u>1978'</u>	<u>1978'</u>	Size of _____
<u>10</u>	<u>4059'</u>	<u>4059'</u>	
<u>8 1/4</u>			Depth set _____
<u>6 1/2</u>	<u>9120</u>	<u>9120</u>	
<u>5 3/16</u>			Perf. top _____
<u>3</u>			
<u>2</u>	<u>7" cemented - 7200-6325</u>		Perf. bottom _____
Liners Used _____			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 13" SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_  
10" Cemented with 80 Bags Cement  
10" Cemented with 100 bags cement

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 No Coal found  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	14			
Sand			14	35			
Blue Lime			35	63			
Red Sand			63	163	Water	65	
Slate			163	175			
Sand			175	226			
BIG LIME			226	260			
BIG INJUN			260	367			
Slate & Shells			367	768			
BEREA			768	780			
Slate			780	784			
Lime			784	916			
Slate & Shells			916	1185			
Lime			1185	1500			
Slate & Shells			1500	2020			
Shale			2020	2035			
Slate & Shells			2035	2075			
Lime			2075	2103			
Slate & Shells			2103	2195			
Lime			2195	2206			
Slate & Shells			2206	2900			
Brown Shale			2900	2929			
Slate & Shells			2929	3420			
Brown Shale			3420	3764			
Slate			3764	3798			
Brown Shale			3798	3969			
Hard Shale			3969	3976			
Black Shale			3976	3984			
Hard Shell			3984	3988			
Slate			3988	3992			
ONONDAGA			3992	4015			
Lime			4015	4307			
ORISKANY			4307	4528			
Helderburg Limestone			4528	6150			
Dolomite			6150	6190			
Sandstone			6190	6215			
Dolomite			6215	7070			
Limestone			7070	7170			



(Over)

Sandhill Well Formation Tops  
(after Woodward, R.I. 18. WVGS)

1959

Pettsville	0	220	
✓Greenbrier	220	238	
✓Pocono	238	762	
✓Upper Devonian	<del>762</del> <sup>6</sup>	3842	Note: Chemung 762-2430; Brallier 2430-3535; Harrell 3535-3842;
Hamilton-Marcellus	3842	4022	Tully <del>3842</del> ;
✓Huntersville	4022	4306	(Thickened by dipping beds)
✓Disturbed zone	4306	5865	(Lower Devonian repeated)
✓Oriskany	5865	5940	
✓Helderberg	5940	6150	
✓Tonoloway & Wills Cr.	6150	6980	
✓Williamsport	6980	7015	
✓McKenzie-Lockport	7015	7215	
✓Keefe	7215	7256	
✓Rose Hill	7256	7679	
✓Tuscarora	7679	7811	
✓Juniata	7811	8270	
✓Martinsburg	8270	9065	
{ Upper Trenton Sh. - <i>Reedsville?</i>	9065	9265	
{ Mid. Trenton Ls.	9265	9528	
{ Lower Trenton Ls.	9528	9899	
✓Black River	9899	10,154	
✓Chazy	10,154	10,706	
✓Beekmantown	10,706	11,684	
✓Trempealeau	11,684	12,265	
✓Franconia-Dresbach	12,265	12,485	
✓Eau Claire	12,485	12,990	
✓Mt. Simon	12,990	13,272	
✓Basement	13,272	13,327	
T.D.	13,327	<u>800</u>	
Corrected T.D.	13,331		

Quadrangle ..... Sec. .... File .....  
 Farm ..... 9624 Power Oil Co. Well ..... Well No. ....  
 Operator ..... Hope Natural Gas Co. et al ..... Serial No. ....  
 Drig. Contr. .... Lot or Warrant No. ....  
 Township ..... County Wood ..... State West Virginia  
 Commenced ..... 5/3/1951 ..... Completed ..... T. D. 13231 ..... Elev. ....

Formation	Top	Bottom	Sub Sea	Remarks
Tully				Started as a cabletool hole
Onondaga				7/35 Rotary equipment took
Oriskany				over at 4345 feet
Salt				
Lockport				
R. Medina				
W. Medina				
Trenton				

Open Flow ..... Dry hole ..... Location Burning Springs anticline  
 Rock Pressure ..... 14 miles east of Parkersburg  
 After Shot ..... in Walker District  
 Reported by ..... 4/2/56 Oil & Gas Journal p. 180-181 by Paul H. Price  
 (over)

REMARKS	DATA ON FILE
Pennsylvanian	220
Mississippian	220-762 542
Devonian	762-6150 5388
Silurian	6150-7811 1661
Ordovician	7811-10707 2896
Cambrian	10707-13272 2565
Pre-Cambrian	13272-13331

Favorable indication thru out the sedimentary column were encountered and indicated that further testing would be advisable, such as gas shows, briney and very Vuggy porosity except for possible repetition of beds in the Lower Devonian where the Oriskany appears to be repeated there is found a fairly regular sequence of Silurian, Ordovician & Cambrian beds.

The location of the Ordovician-Cambrian Contact is rather uncertain.

SHOOTING RECORD	CASING RECORD		
	Size	Length	Weight

M453-Je53-5000(35693)\*