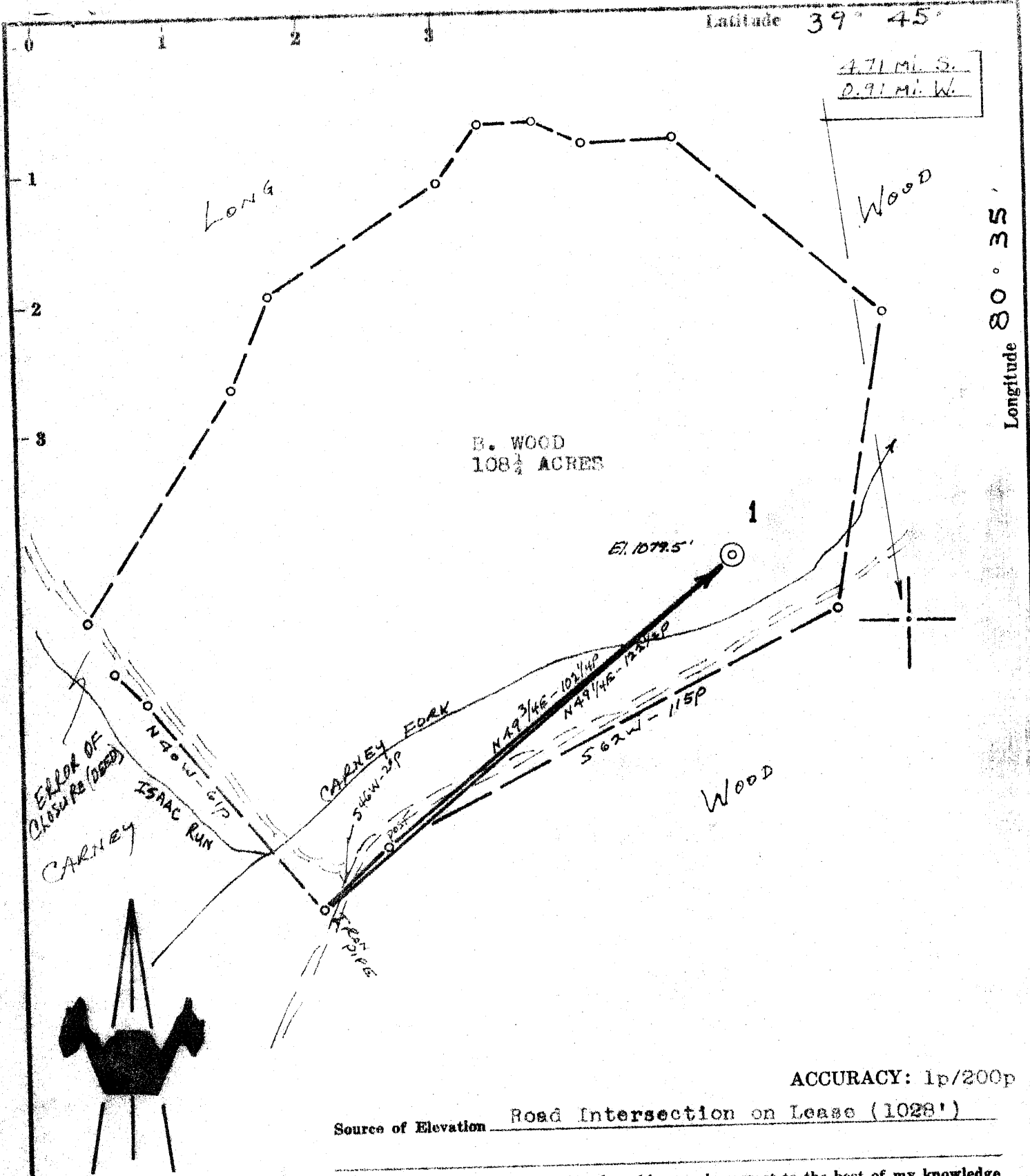


Latitude 39° 45'



ACCURACY: 1p/200p

Source of Elevation Road Intersection on Lease (1028')

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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.

Issued Nov. 9, 1967.

*Chet Waterman*

Company	JOSEPH S. GRUSS <i>NOW MARENE OIL CORP.</i>		
Address	SPENCER, W. VA.		
Farm	B. WOOD		
Tract	Acres	108 1/4	Lease No.
Well (Farm) No.	1	Serial No.	
Elevation (Spirit Level)	1079.5'		
Quadrangle	LITTLETON <i>NC</i>		
County	WETZEL	District	CENTER
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	67003-182	Drawing No.	
Date	9/27/67	Scale	1" = 30p

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

WELL LOCATION MAP  
FILE NO. WET - 581 - P

+ 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   
 Oil or Gas Well Dry (KIND)

Quadrangle Littleton  
 Permit No. WET-581

WELL RECORD

Company Mareve Oil Corp. Joseph S. Gruss  
 Address P. O. Box 471, Spencer, W. Va.  
 Farm B. Wood Acres 108 1/4  
 Location (waters) Isaac Run  
 Well No. 1 Elev. 1079.5  
 District Center County Wetzel  
 The surface of tract is owned in fee by B. Wood  
 Address New Martinsville  
 Mineral rights are owned by B. Wood  
 Address New Martinsville  
 Drilling commenced 10-24-67  
 Drilling completed 11-3-67  
 Date Shot From To  
 With \_\_\_\_\_ Inch  
 Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. hrs.  
 Oil Dry bbls., 1st 24 hrs.  
 WELL ACIDIZED (DETAILS) \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 1/4	1228	1228	Depth set
6 3/8			
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

Attach copy of cementing record.  
 CASING CEMENTED 8 5/8 SIZE 1228 No. Ft. 10/28/67 Date  
500 sxs. (circ.)  
 Amount of cement used (bags) \_\_\_\_\_  
 Name of Service Co. HOWCO  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL FRACTURED (DETAILS) \_\_\_\_\_  
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) Plugged and Abandoned  
 ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS  
 Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
 Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rock			0	148			
Rock			148	400			
Rock			400	440			
Sand			440	700			
Shale			700	880			
Shaly Sand			880	881		1175	
Coal			881	970		1080	
Shale and Sand			970	971		* 3	
Coal			971	1020			
Shale and Sand			1020	1080			
Sand			1080	1175			
Shale			1175	1177			
Coal			1177	1288			
Shale			1228	1340		1228	
Red Rock			1340	1590			
Lime and Shale			1590	1670			
Sand			1670	1716			
Shale			1716	1762			
Sand			1762	1820			
Shale			1820	1900			
Sand			1900	2070			
Shale			2070	2396			
Sand w/Shale Streaks. <u>lyin?</u>			2396	2540			
Shale			2540	2550			
Sand <u>Santz?</u>			2550	2749			
Shale			2749	2760			
Sand			2760	2942			
Shale			2942	2945			
Sand			2945	2988			
Shale							

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 JAN 29 1968  
 West Va.  
 Dept. of

Formation	Color	Hard or Soft	Top 27	Bottoms	Oil, Gas or Water	Depth Found	Remarks
Sand	<i>golden?</i>		2988	3053			
Shale			3053	3268			
Sand	<i>4th sand?</i>		3268	3276			
Shale			3276	3308			
Sand	<i>5th sand?</i>		3308	3316			
Shale			3316	3350			
						$  \begin{array}{r}  2988 \\  1080 \\  \hline  1908  \end{array}  $	

Date November 6, 1967

APPROVED MAREVE OIL CORP., Owner

By J. N. Hickox (I. N. Hickox)  
(Title)