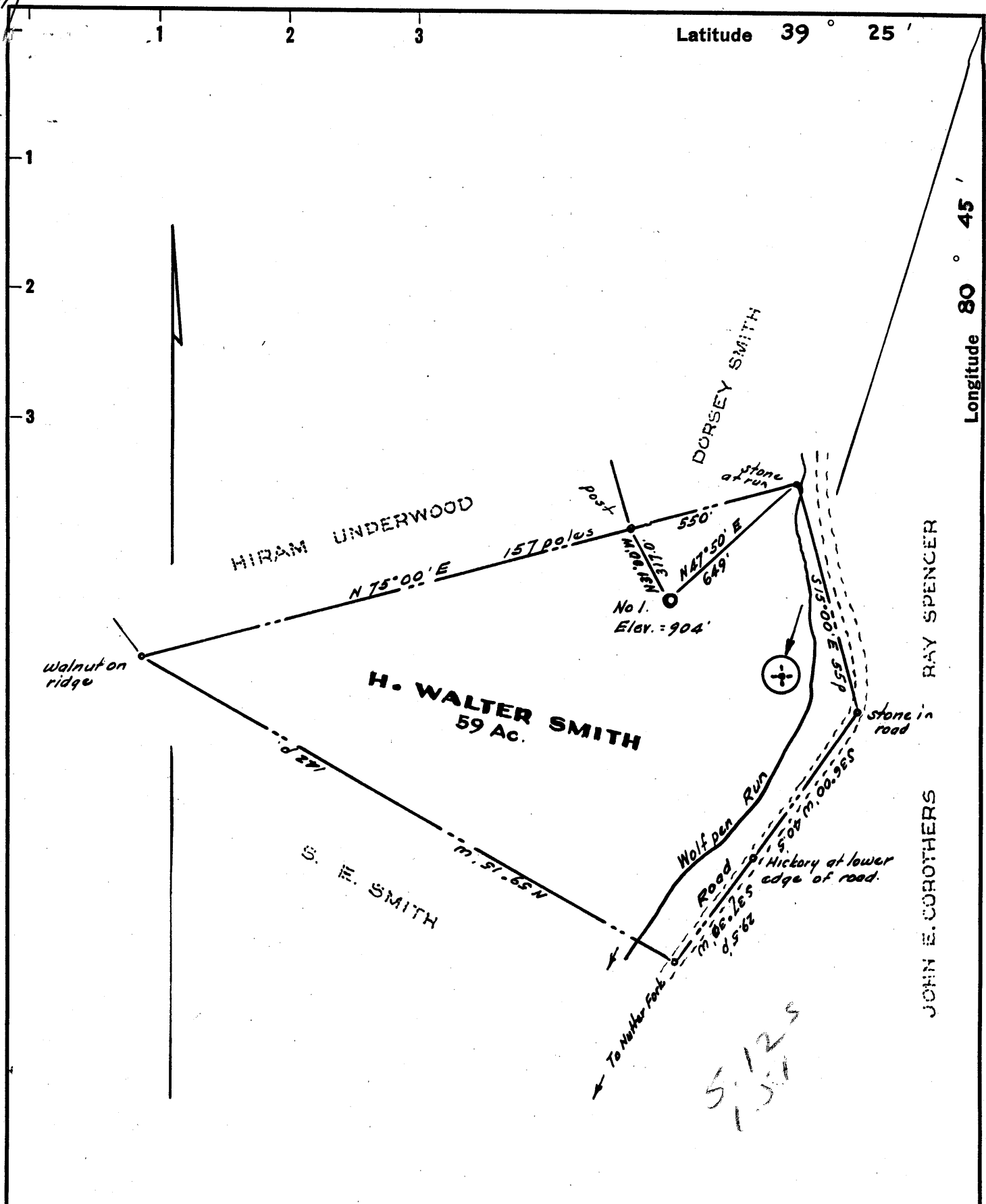


Latitude 39° 25'

Longitude 80° 45'



New Location   
 Drill Deeper   
 Abandonment

*Coal, if any, and surface is owned by H. Walter Smith, whose postoffice address is Star Route, West Union, W. Va.*

Company R. C. BACHELOR  
 Address Box 116, West Union, W. Va.  
 Farm H. Walter Smith  
 Tract \_\_\_\_\_ Acres 59 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 904  
 Quadrangle West Union EC  
 County Doddridge District West Union  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Oct. 27, 1960 Scale 1" = 300'

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

**WELL LOCATION MAP**  
 FILE NO. DOD-491

+ 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.

6 0 092



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle West Union

Permit No. DOD- 491

**WELL RECORD**

Oil or Gas Well Dry

Company <u>Athens Oil &amp; Gas Company</u>		Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P. O. Box 116, West Union, W. Va.</u>					
Farm <u>H. Walter Smith</u> Acres <u>59</u>		Size			Kind of Packer
Location (waters) <u>Wolf Den Run</u>		16			
Well No. <u>One</u> Elev. <u>988'</u>		13			Size of
District <u>West Union</u> County <u>Doddridge</u>		10			
The surface of tract is owned in fee by <u>H. Walter Smith</u>		<u>8 1/8</u> <u>5/8"</u>	<u>32'</u>	<u>32'</u>	Depth set
Address <u>West Union, W. Va.</u>		6 3/8			
Mineral rights are owned by <u>Same</u>		5 3/16			Perf. top
Address _____		3			
Drilling commenced <u>11/16/60 (Rotary)</u>		2			Perf. bottom
Drilling completed <u>11/30/60</u>		Liners Used			
Date Shot _____ From _____ To _____					Perf. top
With _____					
Open Flow _____ /10ths Water in _____ Inch					Perf. bottom
_____ /10ths Merc. in _____ Inch					
Volume _____ Cu. Ft.		CASING CEMENTED <u>8 5/8" size 32</u> No. <u>F11/16/60</u> Date			
Rock Pressure _____ lbs. _____ hrs.		<u>Garaton Service 12</u> sks. Cement -			
Oil _____ bbls., 1st 24 hrs.		COAL WAS ENCOUNTERED AT <u>None</u> FEET _____ INCHES			
WELL ACIDIZED _____		_____ FEET _____ INCHES _____ FEET _____ INCHES			
WELL FRACTURED _____		_____ FEET _____ INCHES _____ FEET _____ INCHES			

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil, Sand & Shale			0'	1393'			
Sand & Sandy Shale			1393'	1739'			
Sand (Maxton)			1739'	1768'			
Shale			1768'	1836'			
Lime			1836'	1850'			
Shale			1850'	1866'			
Lime			1866'	1880'			
Lime & Shale			1880'	1910'			
Big Lime			1910'	1992'			
Big Injun			1992'	2100'			
Shale			2100'	2124'			
Total Depth				2124'			
					Logged:	Gamma Ray - Neutron (Birdwell)	
					<i>By: Chet Waterman</i> <b>CHET WATERMAN</b> PETROLEUM CONSULTANT P. O. BOX 532 PARKERSBURG, W. VA.		