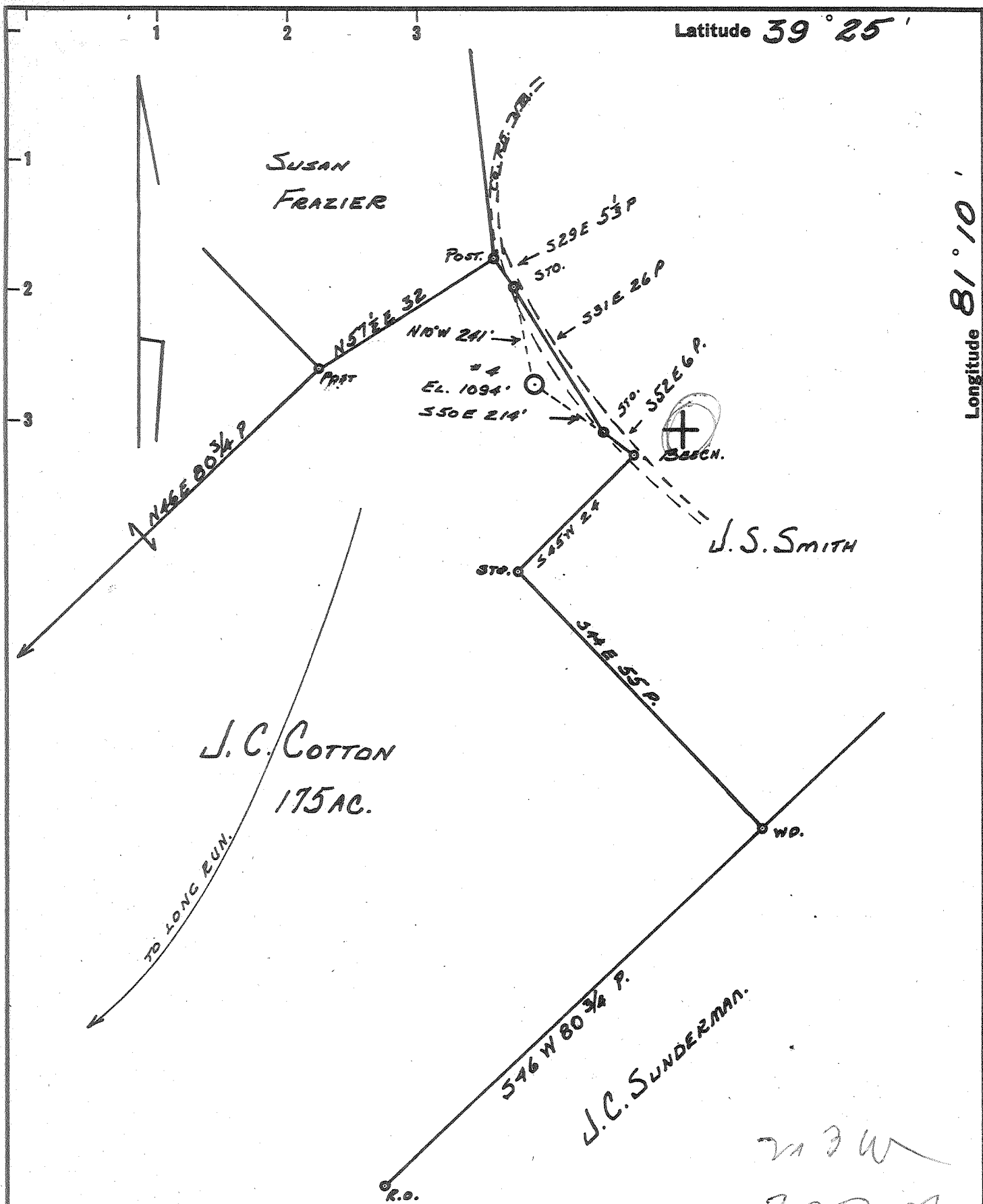


Latitude 39° 25'

Longitude 81° 10'



New Location   
 Drill Deeper   
 Abandonment

APR 24 1961

213 W  
 3.23 9

Company LEONARD HART  
 Address ST. MARYS, W. VA.  
 Farm J. C. COTTON  
 Tract 7 Acres 175 Lease No. 12  
 Well (Farm) No. 4 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1094'  
 Quadrangle ST. MARYS  
 County PLEASANTS District WASHINGTON  
 Engineer JOHN W. HAMILTON  
 Engineer's Registration No. 2274  
 File No. \_\_\_\_\_ Drawing No. 304  
 Date DEC. 1, 1960 Scale 1" = 20 POLES

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

**WELL LOCATION MAP**  
 FILE NO. PLEAS-887-A

+ 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.



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle St. Marys

Permit No. 887A

WELL RECORD

Oil or Gas Well Oil  
(KIND)

Company Leonard Hart  
Address 702 Second St., St. Marys, W. Va.  
Farm J. C. Cotton Acres 175  
Location (waters) Long Run  
Well No. 4 Elev. 1094'  
District Washington County Pleasants  
The surface of tract is owned in fee by ###  
Address \_\_\_\_\_  
Mineral rights are owned by F. J. Barron et al  
Address St. Marys, W. Va.  
Drilling commenced 1900  
Drilling completed 1900  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4			
6 3/4	<u>6 1/2"</u>	<u>853'</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

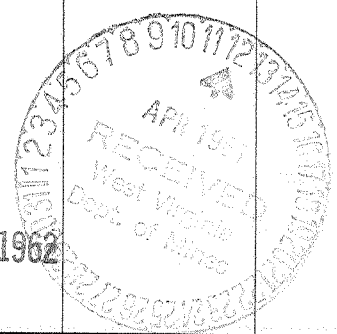
COAL WAS ENCOUNTERED AT None FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

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
<u>Cow Run</u>			<u>867'</u>	<u>898'</u>			
<u>Total Depth</u>				<u>912'</u>			



APR 6 1962

