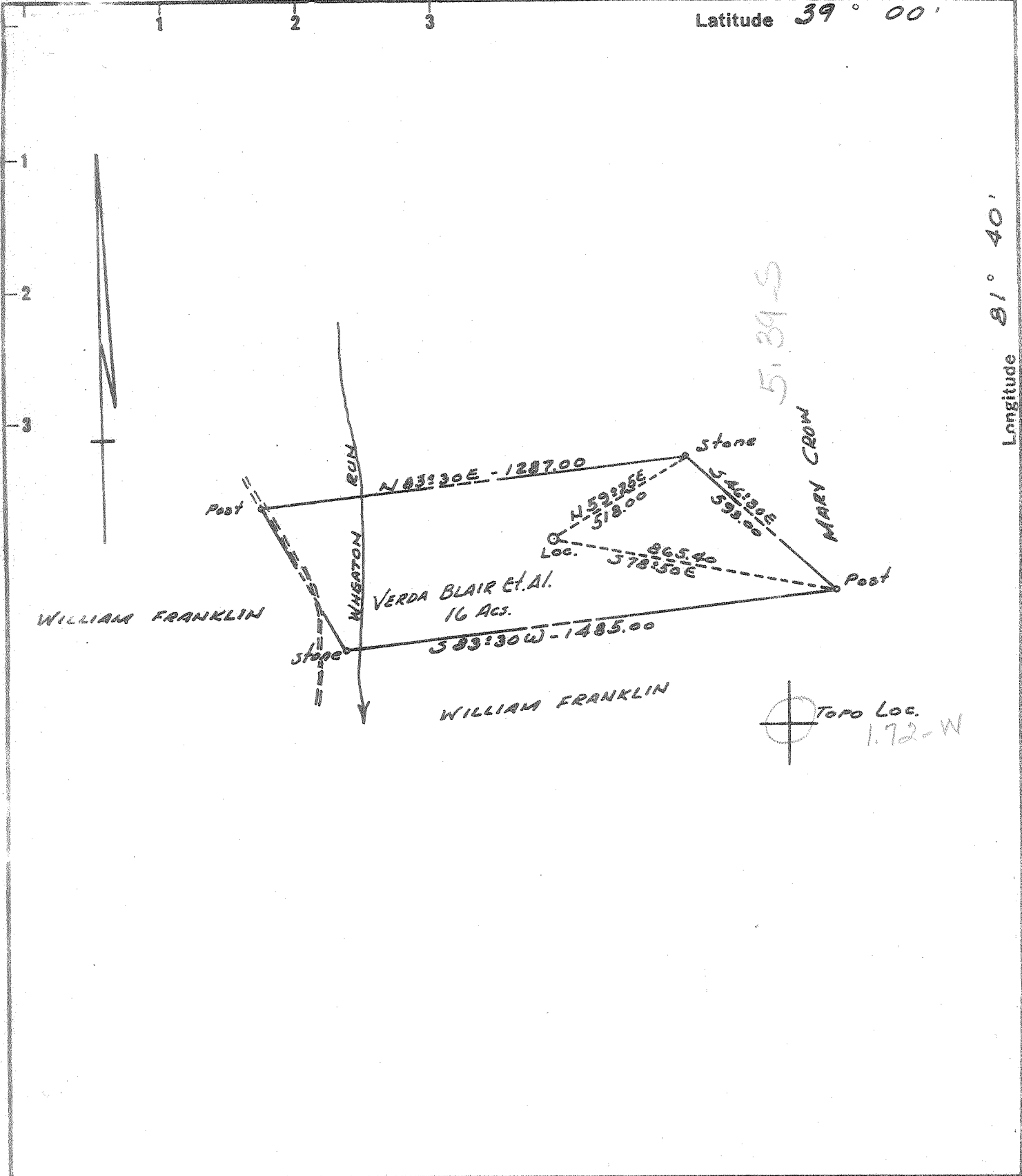


Latitude 39° 00'

Longitude 91° 40'



Fracture
 Before 6/5/27
~~New Location~~
 Drill Deeper
 Redrill
 Abandonment
 11-2-68

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
 The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.
 PROVEN ELEVATION U.S.G.S. BM 592' North Side of 56'

Company LIBERTY PETROLEUM CORP.
 Address 2594-BROADWAY - TOLEDO, OHIO
 Farm Verda Hillard, et al.
 Tract _____ Acres 16.00 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 823.0
 Quadrangle RIPLEY NW
 County JACKSON District RAVENSWOOD
 Engineer N.L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 7-24-68 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. JOC-1161-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.

Deep Well (Newburg) 5-0 324 NOV 12 1968



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ripley
Permit No. Jac - 1161 P

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Liberty Petroleum Corp.
Address 2594 Broadway, Toledo, Ohio
Farm Venta Hillard Acres 16.0
Location (waters) Cox Br. of Sandy Cr.
Well No. 1 Elev. 830' KB
District Ravenswood County Jackson
The surface of tract is owned in fee by Wm. Franklin

Mineral rights are owned by Venta Hillard, et al

Drilling commenced 10-17-68
Drilling completed 11-2-68

Date Shot From To
With

Open Flow /10ths Water in Inch
/10ths Merc. in Inch

Volume Drisk. 30m Nat. (Est.) Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS)

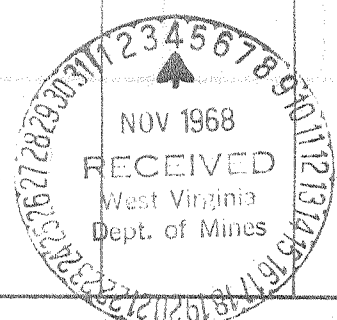
RESULT AFTER TREATMENT (Initial open Flow or bbls.)
ROCK PRESSURE AFTER TREATMENT HOURS

Fresh Water Feet Salt Water Feet
producing sand Depth

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
<u>1 7/8 8 5/8</u>	<u>2270'</u>	<u>2270'</u>	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 2270' No. Ft. Date
Amount of cement used (bags) 600 sks.
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock & Shale			0	385			
Sand & Shale			385	645			
Sand			645	708			
Shale			708	725			
Sand			725	862			
Sand & Shale			862	1173			
Sand			1173	1320			
Shale & Sand			1320	1435			
Sand			1435	1510			
Sandy Shale			1510	1615			
Sand			1615	1654			
Shale & Sand			1654	1745			
Sand			1745	1838			
Big Lime } 320			1838	1960			
Shale }			1960	1984			
Injun			1984	2075			
Sand & Shale			2075	2225			
Shale			2225	2300			
Sand & Shale			2300	2360			
Shale			2360	2420			



Formation	Color	Hard or Soft	Top \angle	Bottom	Oil, Gas or Water	Depth Found	Remarks	
✓ Coffee Shale			2420	2446				
✓ Berea Shale			2446	2454				
✓ Corniferous - 463			2454	4800				
✓ Oriskany			4800	4903				
✓ Lime - Helderberg			4903	4940	Est. 30 M			
✓ Dolomite - Salinas			4940	5126				
✓ Williamsport - Newburg			5126	5660				
✓ Dolomite & Shale - Mc Kenzie			5660	5702				
			5702			5660	5660	
			545			830	4903	
			Total Depth	5725		4830	757	
			Logged by Schlumberger					

5660
5325
3330

Date 11-2-, 1968

APPROVED Liberty Petroleum Corp Owner
By Gene Hancy, Cons. Geol.
(Title)