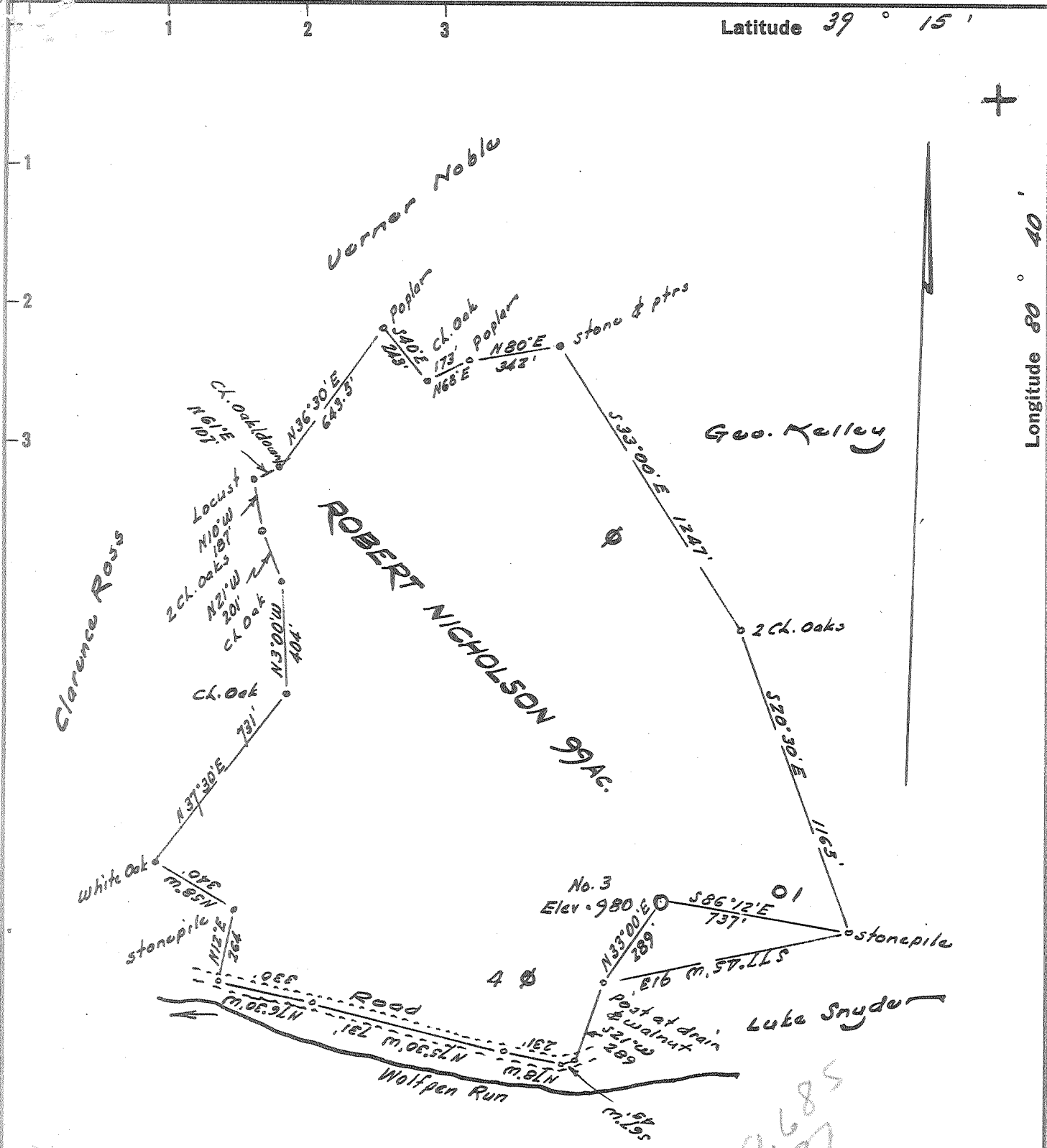


Latitude 39° 15'

Longitude 80° 40'



U.S.G.S. B.M at mouth of Buckeye - 830'

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and that I am not aware of any error or misstatement of fact in any of the data or measurements of the plat or any portion of the same.

W. H. Hooper
R. F. E. No. 12

- New Location ..
- Drill Deeper ..
- Abandonment ..

Error in Closure: - Less than 1' in 200'

Company	<u>P. & M. Oil Co.</u>
Address	<u>West Union, West Va.</u>
Farm	<u>Robert Nicholson</u>
Tract	Acres <u>99</u> Lease No. _____
Well (Farm) No.	<u>Three</u> Serial No. _____
Elevation (Spirit Level)	<u>980</u>
Quadrangle	<u>Vadis - NW</u>
County	<u>Doddridge</u> District <u>New Milton</u>
Engineer	<u>W. H. Hooper</u>
Engineer's Registration No.	<u>1227</u>
File No.	_____ Drawing No. _____
Date	<u>Oct 14, 1963</u> Scale <u>1" = 500'</u>

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

WELL LOCATION MAP
FILE NO. Dod-1067-FRAC.

+ 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.

6-6 144



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Vadito

Permit No. Dod-1007 Free

WELL RECORD

Oil or Gas Well Oil

(KIND)

Company P. & M. Oil Company
Address West Union, W. Va.
Farm Robert Nicholson Acres 100
Location (waters) Wolf Penn Run
Well No. 3 Elev. 980
District New Milton County Doddridge
The surface of tract is owned in fee by Blakely Nicholson
Address New Milton, W. Va.
Mineral rights are owned by Blakely Nicholson & Others
Address _____
Drilling commenced _____
Drilling completed _____
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 18 lbs. 24 hrs.
Oil 5 bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
20	415	0	Size of
2 3/4	1111	1111	
6%	1914	1914	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 500 FEET _____ INCHES
25 FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED November 5, 1963 - 600 gal water; 2000 gal acid, 16,000 lb sand
with standard treatment additives; broke down at 1900; treated from 1700 to 2100'
RESULT AFTER TREATMENT Increased from 1/6 to 5 barrels per day
ROCK PRESSURE AFTER TREATMENT Not taken
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Conductor				14			
Native Coal			25	29			
Pittsburgh coal			500	500			
Little Dunkard sand			1000	1030			
Big Dunkard sand			1100	1128			
First salt sand			1320	1345			
Second salt sand			1504	1475			
Third salt sand			1040	1090			
Maxon sand			1045	1053			
Little Lime			1050	1870			
Pencil Cave			1870	1906			
Big Lime			1906	1950			
Big Injun			1950	2022			
	Oil & Gas		1957	1966			
			1905	20			
Total depth			2022				

