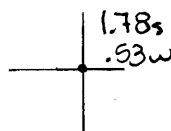


39°45'00"

Latitude

80°42'30"

Longitude



Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company IH Berem

Farm NJ Miller # 4

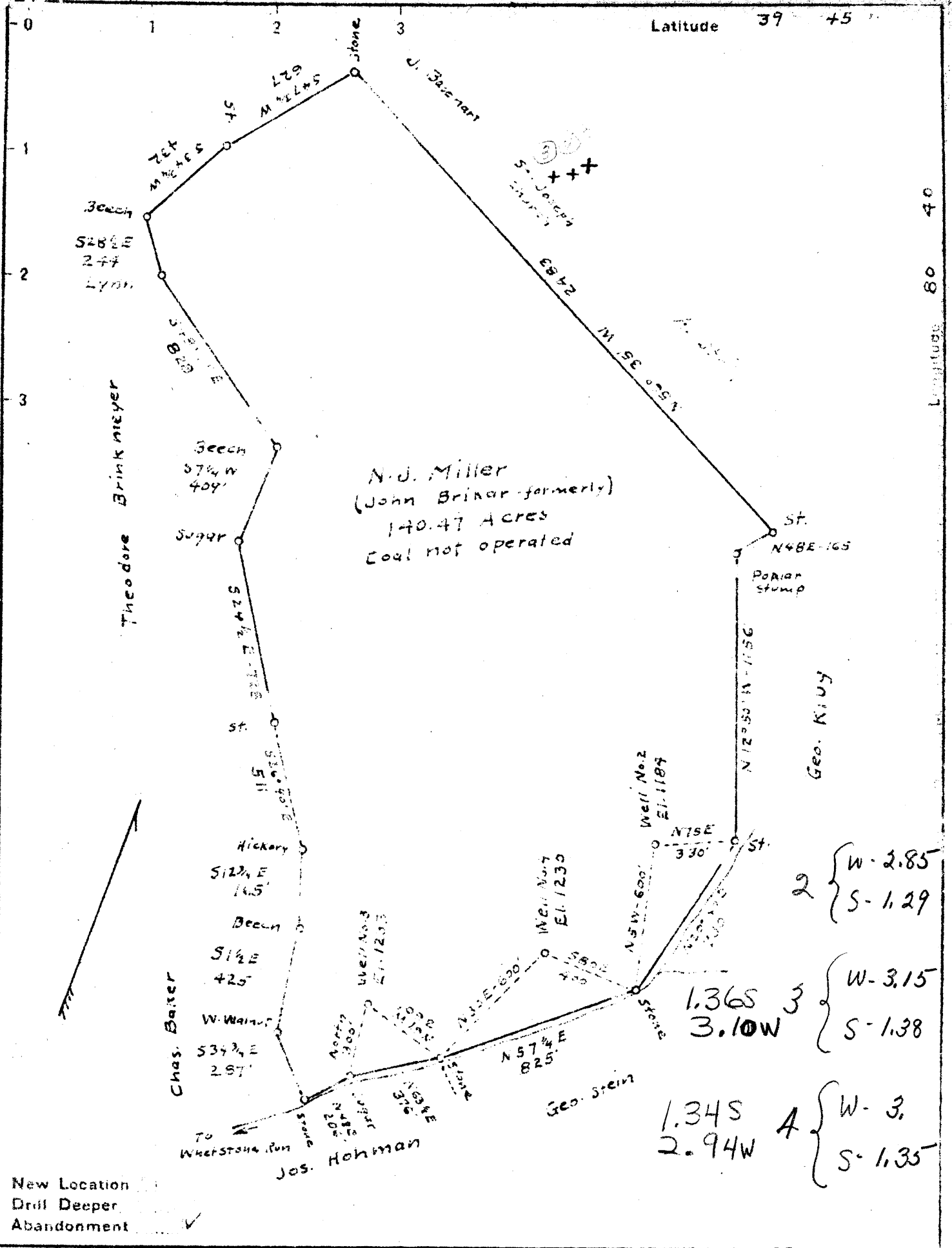
15' Quad _____
(sec.)

7.5' Quad Wileyville

District Meade

WELL LOCATION PLAT

County OSI Permit 30117



New Location
 Drill Deeper
 Abandonment

Company I. H. Beran
 Address P.O. Box 73 Marietta Ohio
 Farm N. J. Miller
 Tract _____ Acres 140.47 Lease No. _____
 Wells (Farm) No. 2, 3 & 4 Serial No. _____
 Elevations (Spirit Level) 1184', 1233' & 1230'
 Quadrangle Littleton NW
 County Marshall District Mariae
 Engineer C. O. Hewing
 Engineer's Registration No. 811
 File No. _____ Drawing No. _____
 Date Sept. 16 1939 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. MARS-117-A Well #4
MARS-118-A Well #3

+ 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.

2 { W-2.85
 S-1.29

3 { W-3.15
 S-1.38

4 { W-3
 S-1.35

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. MARS-177A

Oil or Gas Well Oil
(Kind)

Company I. H. Boren
Address Marietta, Ohio
Farm John Nicker Acres _____
Location (waters) _____
Well No. 132 Elev. _____
District Wade County Marshall
The surface of tract is owned in fee by H. J. Miller
Address St. Joseph, W. Va.
Mineral rights are owned by H. J. Miller
Address St. Joseph, W. Va.
Drilling commenced _____
Drilling completed _____
Date shot _____ Depth of shot _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<u>1251</u>		Size of
8 1/4	<u>1515</u>		
6 5/8	<u>2202</u>	<u>2202</u>	Depth set
5 3/16			
3			Perf. top
2	<u>2254</u>	<u>2254</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
COAL WAS ENCOUNTERED AT 840 FEET 62 INCHES
230 FEET 36 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Mapleton Coal			<u>840</u>	<u>845</u>			
Pittsburgh Coal			<u>930</u>	<u>936</u>			
Little Dunkard			<u>1086</u>	<u>1100</u>			
Big Dunkard			<u>1370</u>	<u>1380</u>			
Salt Sand			<u>1802</u>	<u>1852</u>			
Mazon Sand			<u>1890</u>	<u>1920</u>			
Big Lime			<u>1984</u>	<u>2034</u>			
Big Lajun			<u>2034</u>	<u>2300</u>			
Boren Grit			<u>2438</u>	<u>2448</u>			
Red Rock			<u>2765</u>	<u>2845</u>			
Gordon Stray			<u>2850</u>	<u>2897</u>			
Gordon Sand			<u>2929</u>	<u>2945</u>			
Pay Oil and Gas			<u>2930</u>				
Total Depth				<u>2954</u>			

