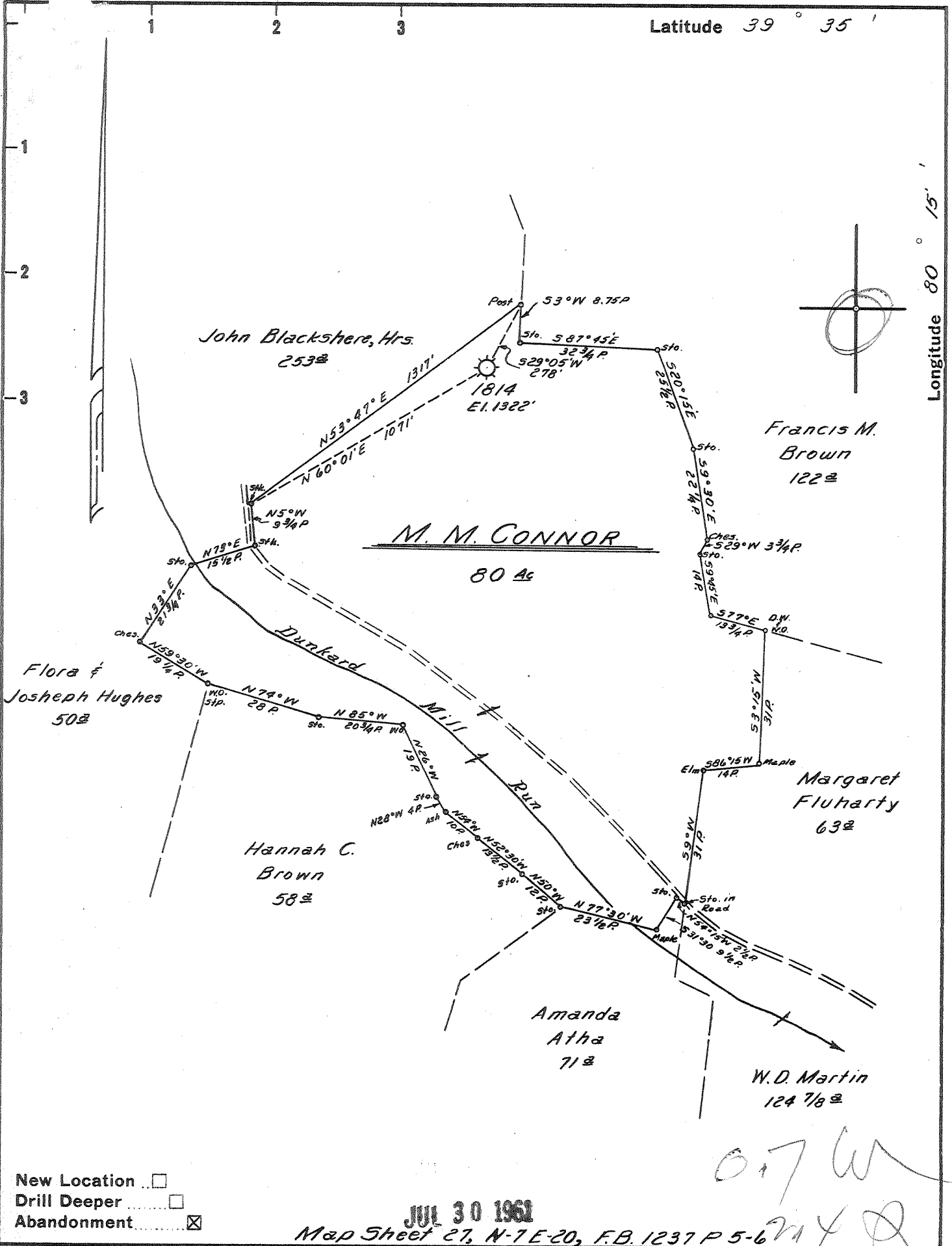


Latitude 39° 35'

Longitude 80° 15'



JUL 30 1962

Map Sheet 27, N-7E-20, F.B. 1237 P 5-6

- New Location
- Drill Deeper
- Abandonment

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.VA.
 Farm M. M. CONNOR
 Tract _____ Acres 80 Lease No. 20737
 Well (Farm) No. _____ Serial No. 1814
 Elevation (Spirit Level) 1322'
 Quadrangle MANNINGTON
 County MARION District LYNOLN
 Engineer Guy H. Bradley
 Engineer's Registration No. 2425
 File No. _____ Drawing No. _____
 Date 11/19/60 Scale 1"=30 Poles

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

WELL LOCATION MAP
 FILE NO. MAR-904-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.

M. M. CONNOR no-1814 - HOPE NG Co. - 4494 MAR-904-A



937

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle MARWINGTON

Permit No. 904A

WELL RECORD

Oil or Gas Well Gas

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.
 Farm M. M. Connor Acres 80
 Location (waters) _____
 Well No. 1014 Elev. 1327
 District Lincoln County Marion
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced June 11, 1966
 Drilling completed Aug. 11, 1966
 Date Shot 7-10-61 From 3022 To 3040
 With 60 qts. Nitro
 Open Flow 10ths Water in _____ Inch
 _____/10ths Merc. in _____ Inch
 Volume Exhausted Cu. Ft.
 Rock Pressure _____ lbs. hrs.
 Oil None bbls., 1st 24 hrs.
 WELL ACIDIZED No
 WELL FRACTURED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			6x5 A. set at 2900'
18			Size of _____
10	688'	688'	6x5 A. set at 3140'
8 1/4	1520'	1620'	Depth set _____
6 3/4	No record	Pulled	2x3 W.B. set at 3200'
5 3/16	3171'	3171'	3128'
3		Pulled	Perf. top _____
2	3163'	3163'	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 655 FEET ?? INCHES

_____ FEET _____ INCHES FEET _____ INCHES

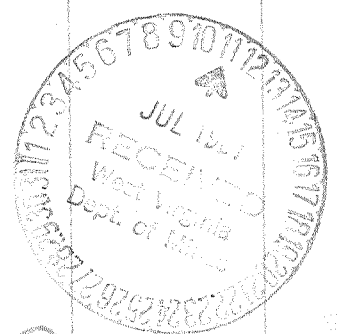
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water 1630 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Pitts. Coal			655				
Dunkard sand			1040	1310			
Salt sand			1550	1655	Water	1630	
Injun sand			2000	2160	Gas	2080	
Gents sand			2455	2480			
50 ft. sand			2570	2710			
Strey sand			2840	2860			
Gordon sand			2865	2890			
4th. sand			2895	2915			
5th. sand			3022	3042	Gas	3022; 3027	
Total Depth				3163'			



July 10, 1961
 Jack Bailey
 Hope Natural Gas Company