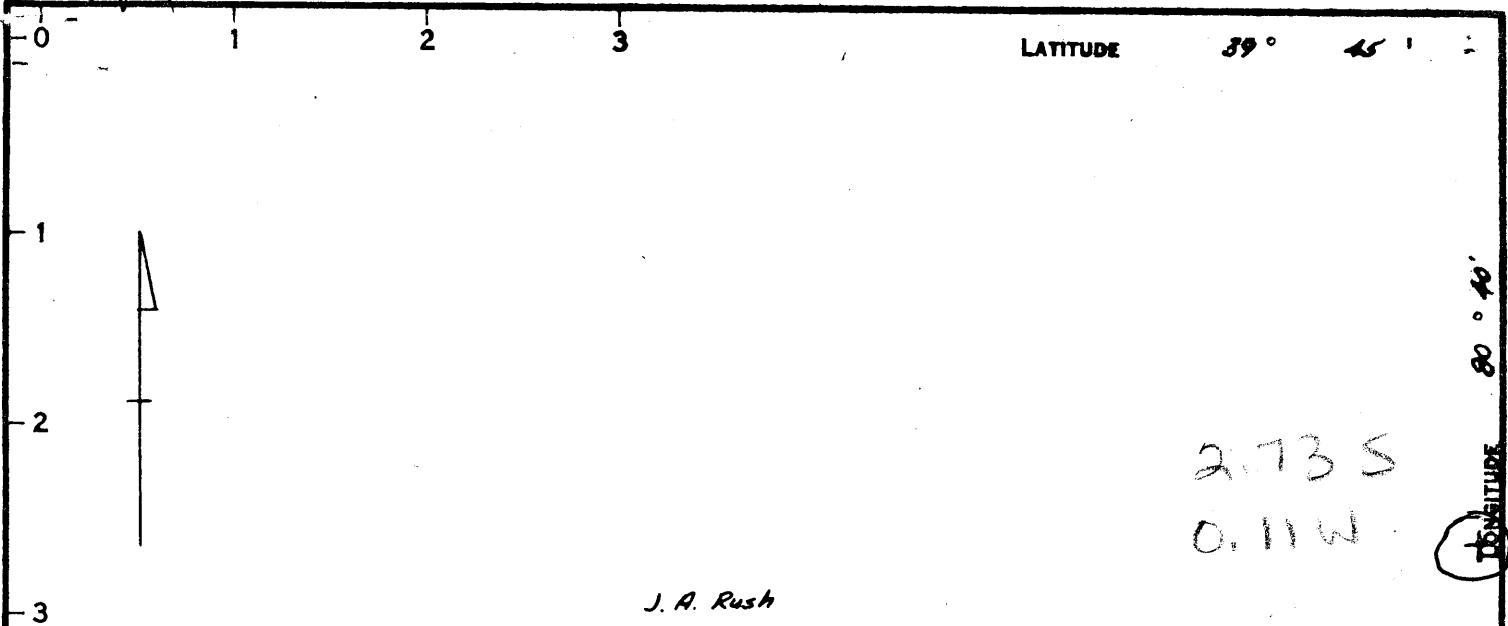


AM

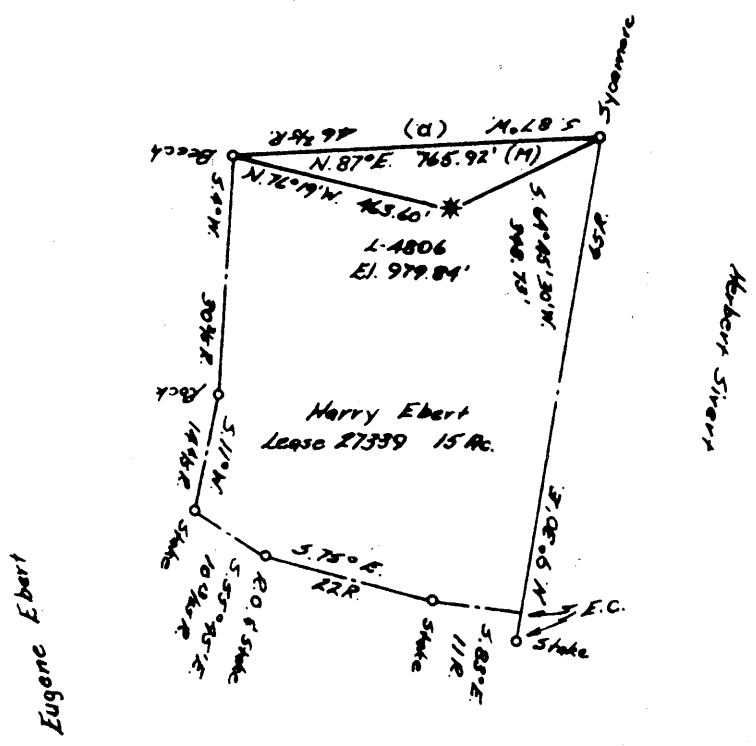
LATITUDE 39° 45'

LONGITUDE 80° 40'

2.735
0.11 W



J. A. Rush



COAL OWNED BY M. A. Hanna Coal Company

- NEW LOCATION Storage
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
 Minimum degree of accuracy is one part in 200

Signed Robert M. Hail (J.W.)

COMPANY The Manufacturers Light And Heat Company
 ADDRESS 800 Union Trust Bldg. Pittsburgh, Penna.
 FARM Harry Ebert
 MAP P-2512 ACRES 15 LEASE NO. 27339
 WELL (FARM) NO. 1 SERIAL NO. L-4806
 ELEVATION (SPIRIT LEVEL) 979.84'
 QUADRANGLE Littleton 15' NW
 COUNTY Wetzel DISTRICT Proctor
 POINT OF PROVEN ELEVATION U.S.G.S. B.M. P-126

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. wet-546

+ 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.

FILE NO. _____ DRAWING NO. Y-25-786
 DATE July 8, 1963 SCALE 1" = 400'



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Quadrangle Littleton

Permit No. WKT-546

WELL RECORD

Storage
 Oil or Gas Well GAS (HMD)

Company The Mfrs. Lt. and Ht. Co.
 Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
 Farm Harry Ebert Acres 15
 Location (waters) _____
 Well No. XXXXX 4806 Elev. 979.84'
 District Proctor County Wetzel
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced August 26, 1963
 Drilling completed September 6, 1963
 Date Shot 9/6/63 From Maxton To _____
 With Pitot Tube
 Open Flow 160 /10ths Water in _____ Inch
160 /10ths Merc. in 4 1/2 Inch
 Volume 7,710,000 Cu. Ft.
 Rock Pressure 680 lbs. 72 hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet
 Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18 <u>3 7/8"</u>	<u>33'</u>	<u>33'</u>	
10			Size of
8 <u>5/8"</u>	<u>841'</u>	<u>841'</u>	
6 <u>5/8"</u>			Depth set
5 <u>3/4"</u>	<u>1983'</u>	<u>1983'</u>	
4			Perf. top
4			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

COAL WAS ENCOUNTERED AT 771 FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<input checked="" type="checkbox"/> Pittsburgh Coal			771	778			
<input checked="" type="checkbox"/> Murphy Sand			838	866			
<input checked="" type="checkbox"/> Big Dunkard Sand			1288	1333			
<input checked="" type="checkbox"/> First Salt Sand		<i>and C.R.</i>	1480	1505			
<input checked="" type="checkbox"/> Second Salt Sand			1588	1608			
<input checked="" type="checkbox"/> Maxton Sand			1770	1796			Perforated 1778' to 1796'
<u>5 1/2"</u> Float Shoe Set @				1983			
<u>5 1/2"</u> Insert Float Check Valve @				1973			
					<i>+209</i>		

