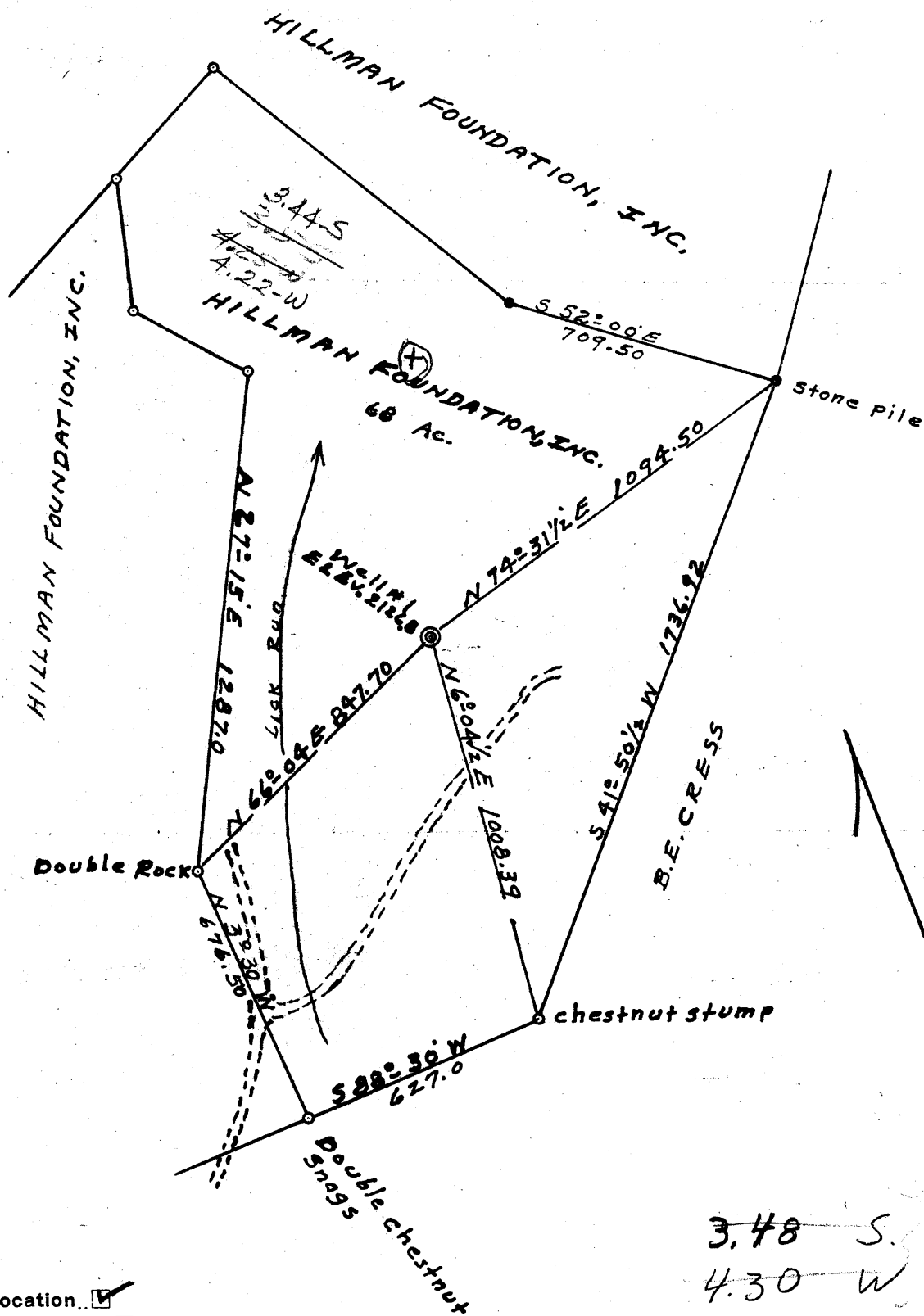


Latitude 39° 40'

Longitude 79° 45'



New Location
 Drill Deeper
 Abandonment

~~3.48 S~~
~~4.30 W~~
 6 WC (E-12)

Company S.W. JACK et al.
 Address AVONMORE, Pa.
 Farm HILLMAN FOUNDATION, INC.
 Tract _____ Acres 68 Lease No. 1
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 2126.83 S349W428
 Quadrangle Morgantown - E.C.
 County Monongalia District Union
 Engineer Ralph E. Baker
 Engineer's Registration No. 441
 File No. 2-19D-230 Drawing No. 9202
 Date Dec. 8, 1961 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. Max-257

+ 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.

did not penetrate the Ordovician

Samples 7150' - 8200' 19-I Not a deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 16

Quadrangle Masontown
Permit No. Mon-257

WELL RECORD

Dry
Suspended
Oil or Gas Well (KIND)

Company S.W. Jack Drilling Co.
Address Avonmore, Pa.
Farm Hillman Foundation Acres 1465
Location (waters) Union District
Well No. 1 Elev. KB-2139.83
District Union County Monongalia
The surface of tract is owned in fee by Hillman Foundation
Grant Bldg. Address Pittsburgh, Pa.
Mineral rights are owned by Same
Address _____
Drilling commenced 12/27/61
Drilling completed Suspended 2/27/62
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
<u>9 5/8</u>	<u>1450</u>	<u>1450</u>	Depth set
6 3/4			
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED 9 5/8 SIZE 1450 No. Ft. _____ Date _____

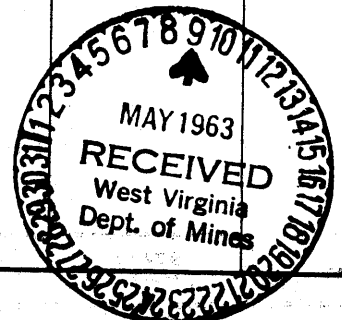
COAL WAS ENCOUNTERED AT NO FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT Dry Hole

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
<u>Pottsville</u>							
Sandstone	White		60	132			
<u>Mauch Chunk</u>							
Shales	Gray		132	195			
Sandstone	Gray		195	220			
Shales	Gray		220	476			
<u>Greenbriar</u>							
Limestone	Gray		476	629			
Sandstone	Gray		629	645			
<u>Pocono Formation</u>							
Big Injun ³¹¹	White		645	800			
Siltstone	Gray		800	850			
Squaw	Gray		850	914			
Siltstone	Gray		914	1080			
Berea	Gray		1080	1095			



Formation	Color	Hard or Soft	Top 16	Bottom	Oil, Gas or Water	Depth Found	Remarks
DEVONIAN							
Catskill Group							
Shales	Gray		1095	1370			
<u>Portage Shale</u>							
Shale & Siltstone interbedded	Brown		7150	7260			
<i>Hartell</i> <u>Onondaga Shale</u>							
Shale	Dark Gray		7260	7288			
<u>Fully Limestone</u>							
Limestone	Gray		7288	7404			
<u>Hamilton Shale</u>							
Shale	Gray		7404	7520			
Shale	Gray		7520	7760			
Shale & Siltstone	Gray		7760	7802			
<u>Marcellus Shale</u>							
Shale	Brown		7802	8200			
			<i>TD 8415</i>				<i>8415 2140 6275</i>

Sample tops taken from Sample Description

Date May 7, 1963
 APPROVED L. W. Gask & Sons Co., Owner
 By Robert S. Stewart, Agent
 (Title)