

MINIMUM ERROR OF CLOSURE 1" in 200"

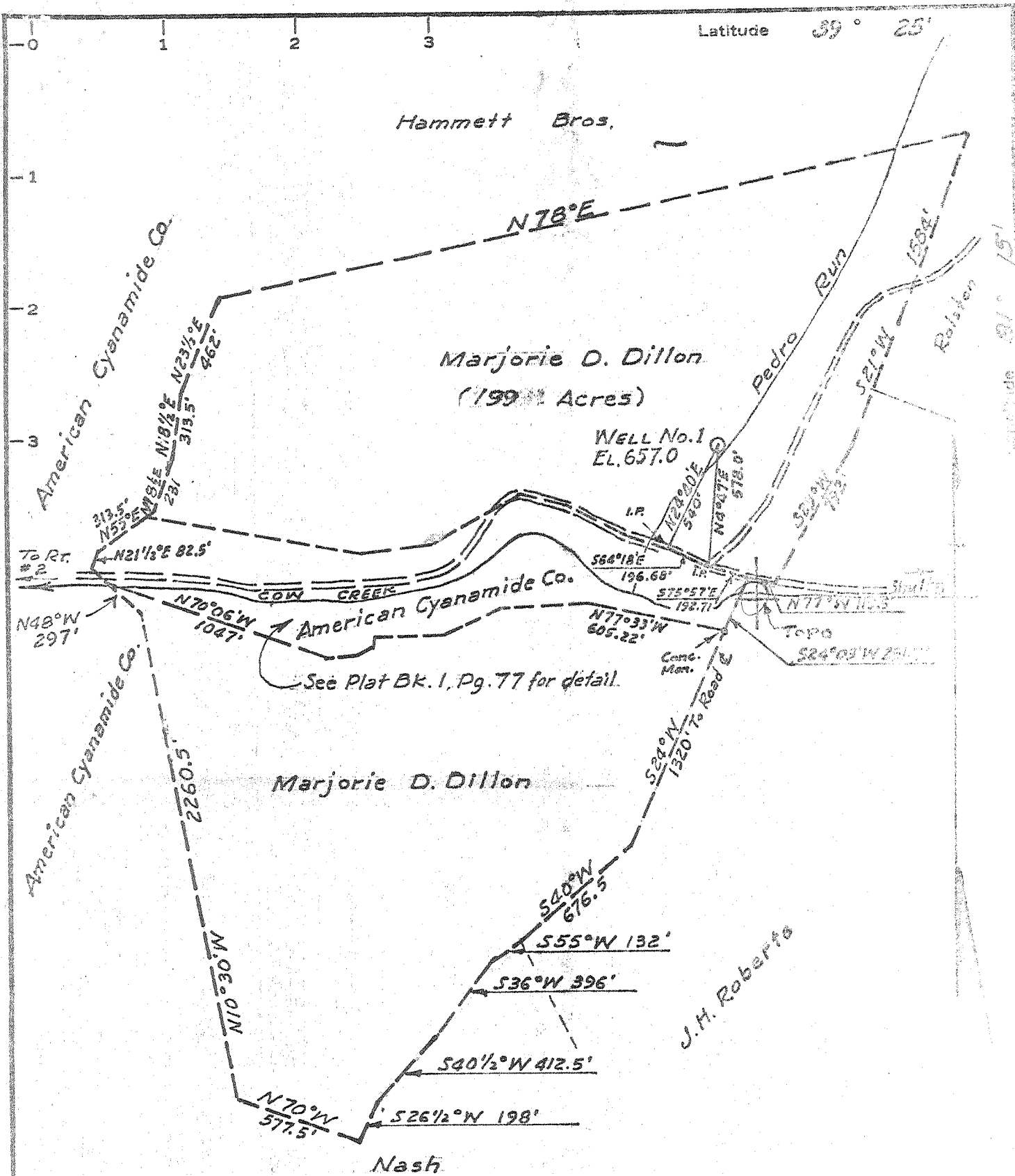
SOURCE OF ELEVATION USGS B.M. EL. 631.0 @ Road intersection S4°47'W

578.0' from Well #1 Location

New Location
 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.

Company Harry A. Holtom
 Address 808 High St, Worthington, O. 43085
 Farm MARJORIE D. DILLON
 Tract _____ Acres 799 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 657.0
 Quadrangle Marietta EC
 County Pleasants District Grant
 Engineer [Signature]
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date Sept. 10, 1968 Scale 1"=600'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. PLE-646-P
 + 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.



MINIMUM ERROR OF CLOSURE 1" in 200"

SOURCE OF ELEVATION USGS B.M. EL. 631.0 @ Road intersection S84°57'W
578.0' from Well #1 Location

New Location 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 3 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA.

Company Harry A. Hattom
 Address 808 High St, Worthington, O. 43085
 Farm MARJORIE D. DILLON
 Tract _____ Acres 199 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 657.0
 Quadrangle Marietta
 County Pleasants District Grant
 Engineer [Signature]
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date Sept. 10, 1968 Scale 1"=600'

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

WELL LOCATION MAP
 FILE NO. PLE-646-P

+ 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 lines of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Marietta
Pleasants
Permit No. # 646

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Harry A. Holton
Address 808 High St. Worthington, Ohio
Farm Majorie Dillon Acres 1.99
Location (waters) _____
Well No. 1 Elev. 657'
District Grant County Pleasants
The surface of tract is owned in fee by Majorie Dillon
Address St. Marys, W. Va.
Mineral rights are owned by Harry A. Holton
Address Worthington, Ohio

Drilling commenced 9/16/68
Drilling completed 10/18/68
Date Shot Not 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 (DETAILS) _____
WELL FRACTURED (DETAILS) _____
RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water _____ Feet _____ Salt Water _____ Feet
Producing Sand _____ Depth _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			None set
16.			Kind of Packer
13.	125'	125'	
10. 9 5/8"	1576'	976'	Size of
8 1/4 7"	4701'	2100'	Depth set
6 3/4			
5 3/16			
4 1/2			
3.			Perf. top
2.			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & shale	gray-tan	Med. hard	surface	980			
Keener sd.	tan	soft	980	1010			
shale	gray	soft	1010	1030	4414	4596	4664
lime- bed	gray/tan	hard	1030	1075	657	657	657
Big engine sd.	tan	hard	1075	1145			
shale	gray	soft	1185	1205	3757	3939	4007
Squaw sd.	gray	soft	1185	1205			
shale	gray	soft	1205	1485			
Berea sd.	tan	hard	1485	1510			
shale	gray	soft	1510	4414			
Onondaga ls.	gray-tan	hard	4414	4596			
Oriskany ss	" "	hard	4596	4662			
Helderberg ls.	tan	hard	4662	4906			
Salina ls.	tan	hard	4906	5558			
Williamsport tan (Newburg)		hard	5558	5684			

Pleasants 646

This well is reported to have cut faults at 5041 and 5400 with a total throw of 585 feet. Did not reach WLMP.

