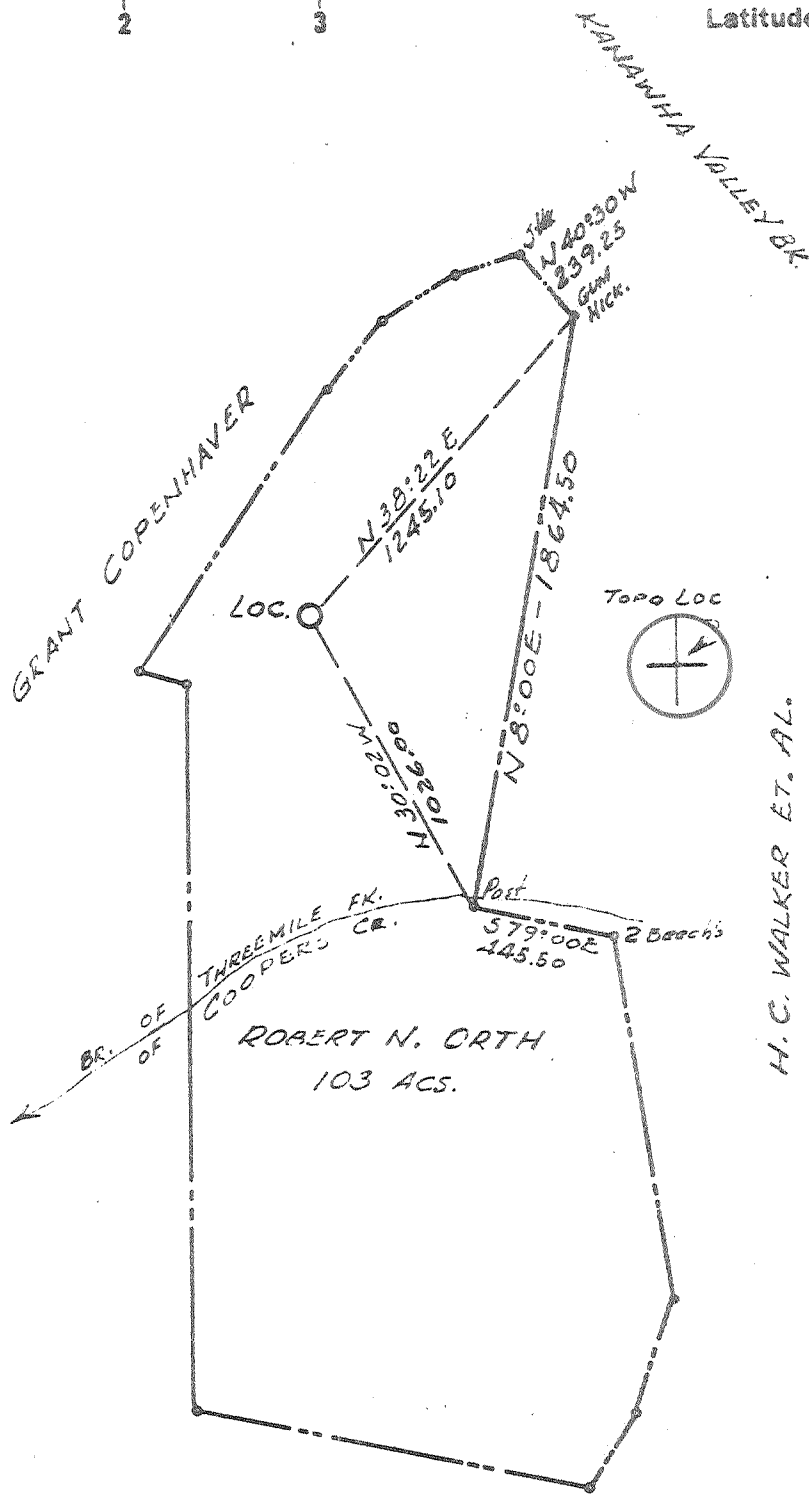


Latitude 38° 30'

Longitude 81° 30'



H. C. WALKER ET. AL.

New Location
 Drill Deeper
 Abandonment
 11/13/78

Minimum Error of Closure 1 in 500
 Source of Elevation Elev 633' MOUTH THREEMILE FERR ROAD INTERSECTION

"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 MILLS DRILLING Co. Inc.
 Address 1402 E. LYNN RD. WAYNE WV 25870
 Farm ROBERT N. ORTH
 Tract _____ Acres 103 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 946.0
 Quadrangle CHARLESTON
 County KANAWHA District ELK
 Engineer N. J. Sutton
 Engineer's Registration No. 1232
 File No. _____ Drawing No. _____
 Date 6-14-69 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. KAN-2113 CADC.

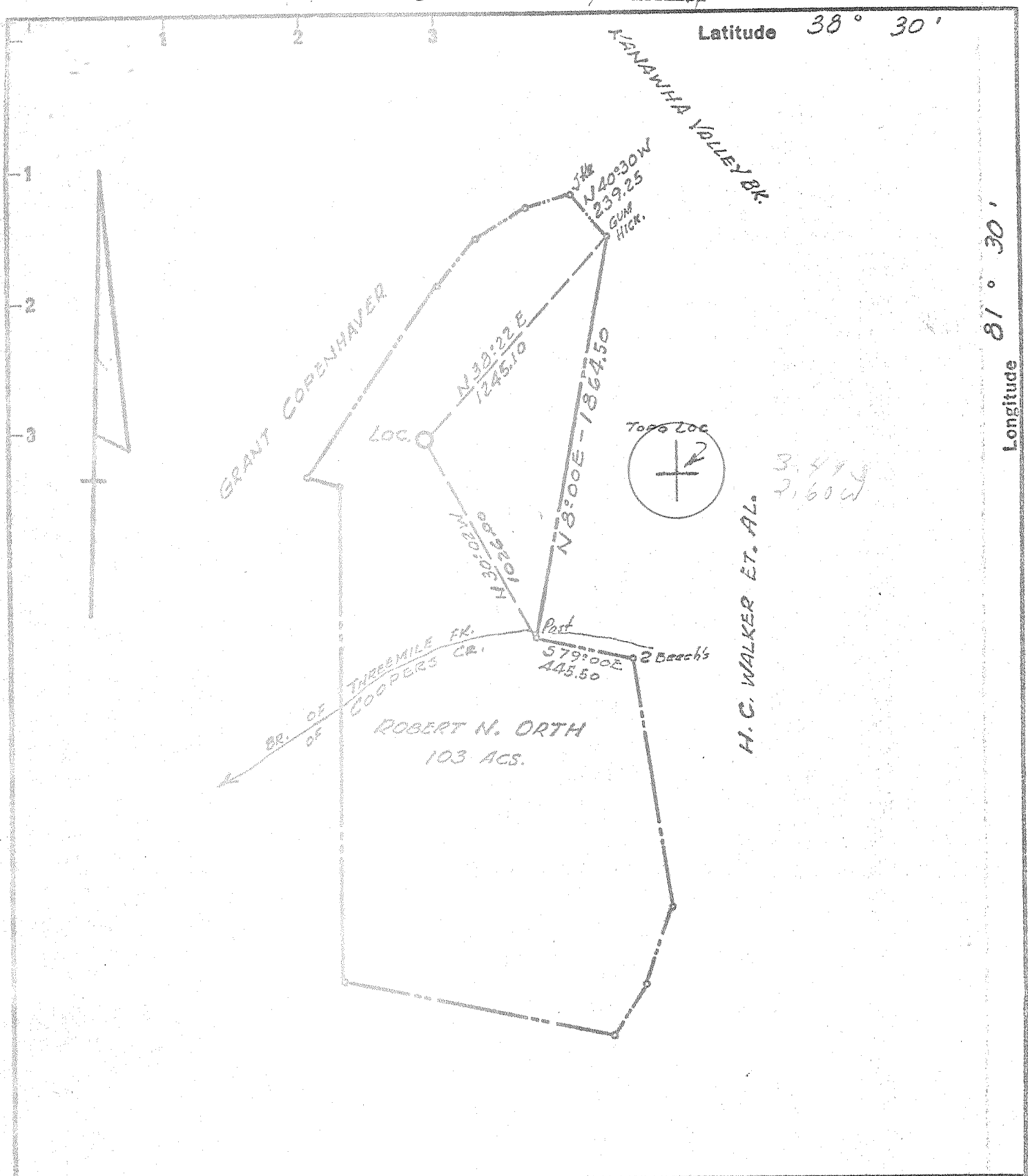
Plan-2457-P

+ 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.

47-039 NOV 30 1978

Deep Well



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 in 500
 Source of Elevation Elev 633' MOUTH THREEMILE FORK ROAD INTERSECTION

"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."

PATTISON PATTERSON CO.
 Company SANFORD L. MCCORMICK
 Address 1230 COMMERCE SQUARE, CHARLESTON, W.VA.
 Farm ROBERT M ORTH
 Tract _____ Acres 103 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 946.0
 Quadrangle CHARLESTON NE
 County KANAWHA District ELK
 Engineer [Signature]
 Engineer's Registration No. 1032
 File No. _____ Drawing No. _____
 Date 6-16-69 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. KAN-2413 ENG.
Plan-2457

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage c. NOLL
Oil or Gas Well Gas (KIND)

Quadrangle CHARLESTON
Permit No. KAN-2457

WELL RECORD

Company PATRICK PETROLEUM COMPANY
Address 744 W. Michigan Ave. - Jackson, Mich.
Farm Robert N. Orth Acres 103
Location (waters) Coopers Creek
Well No. 1 Elev. 946.0'
District Elk County Kanawha
The surface of tract is owned in fee by Robert N. Orth
Ex. 190, Address Lake Helen, Fla.
Mineral rights are owned by Same
Address _____
Drilling commenced February 2, 1970
Drilling completed February 16, 1970
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 (DETAILS) _____
WELL FRACTURED (DETAILS) 30,000# Sand, 850 bbl. water, 500 gl. mud acid.
RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS _____
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Newburg Depth _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13-3/8"	60'	60'	
10-9-5/8"	1809'	1809'	Size of
8 1/4"			
6 3/4"	5785'	5785'	Depth set
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 X SIZE 9-5/8 No. Ft. 270 Date _____
Amount of cement used (bags) 100 sks. reg. 270 sks. lt. poz.
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES _____
FEET _____ INCHES _____ FEET _____ INCHES _____
FEET _____ INCHES _____ FEET _____ INCHES _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sandy lime			0	255	Cemented 7" - 150	sks. regular.	
Sand			255	425			
Sand			425	680			
Sand			680	960			
Sand			960	1220			
Salt Sand			1220	1340			
Lime			1340	1520			
Big Lime			1520	1600			
Big Lime			1600	1660			
Shale			1660	2235			
Shale			2235	3630			
Shale			3630	4195			
Sand - <u>Oriskany?</u> not too thick!			4195	5105			
Dolomite			5105	5160			
Dolomite			5160	5720			
Dolomite			5720	5744			
Sand - <u>Newburg</u>			5744'	5747'			
			'TD.	5747'			

RECEIVED
AUG 23 1971
OIL & GAS DIVISION
DEPT. OF MINES

Date: July 2, 19 80

FORM IV-38

[08-78]

Operator's Well No. 1
API Well No. 47-039-2457P
State County Permit

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas", Production X / Underground storage ___ / Deep X / Shallow ___ /

LOCATION: Elevation: 946.0 Watershed: Coopers Creek
District: Elk County: Kanawha Quadrangle: Charleston

WELL OPERATOR Mills Drilling Co., Inc
Address 1404 East Lynn Rd
Wayne, WV

DESIGNATED AGENT Howard F. Osburn
Address 1404 East Lynn Rd
Wayne, WV

STATE OF WEST VIRGINIA,)
COUNTY OF Wayne) SS:

Howard F. Osburn and John Russell

being first duly sworn according to law, depose and say that they are experienced in the work of plugging and filling oil and gas wells; that they were employed by Mills Drilling Co., Inc, the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on June 4, 19 79, and completed on April 8, 19 80, in the following manner:

PERMITTED WORK: Plug and abandon X / Clean out and replug ___ /

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness
Neat	30 Bags	5747-5597	
	Gel	Hole Full	
Pulled 2" Tubing Pulled 4300' of 7" Casing			
Neat	33 Bags	3080-2980	
Lost 30' Bailer on top of cement			
Neat	40 Bags	1800-1700	
Neat		50-Surface	

Bridge Plugs Used--Type and Depth

COAL SEAMS (NAMES AND DEPTHS)

DESCRIPTION OF WELL MONUMENT

& 7" Casing 3" above ground
Inscribed 47-039-2457-P
4-8-80

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST 1557'-7"

TYPE OF RIG: BE 28-L

Owner: Well Op'r X / Contractor ___ /

Rig time: 15 days plus ___ hours

Howard F. Osburn (SEAL)
John Russell (SEAL)

Subscribed and sworn to before me this

20th day of August, 19 80.

My commission expires Jan 30, 1986, 19 86.

William C. H. Davis
Notary Public