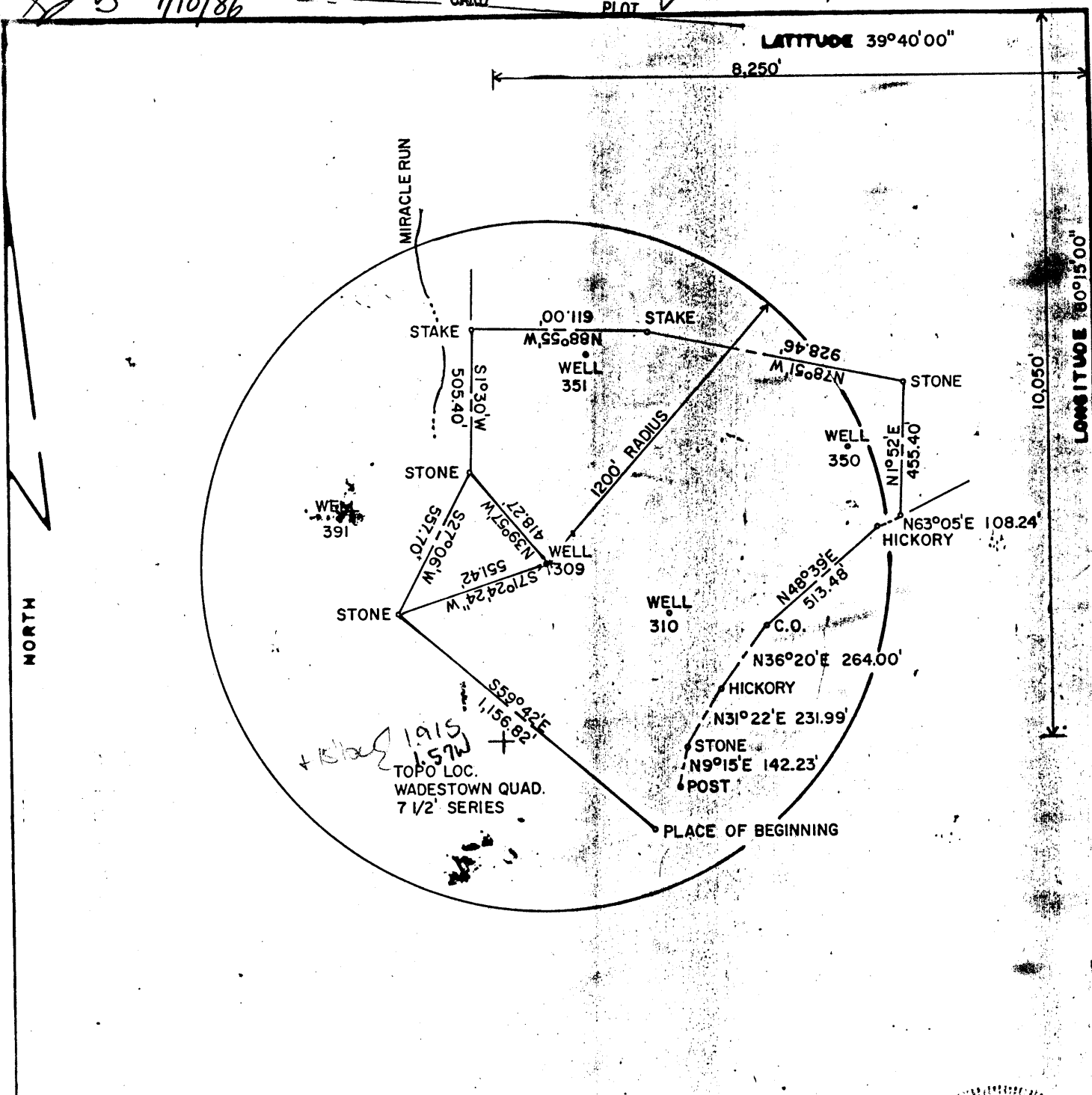


7/10/86

CODE _____ CARD _____ PLOT



FILE NO. F2-06-
 DRAWING NO. F2-2-158
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION USGS-BM "1014 GRAFTON 1902"

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Frank Peduti 7/1/86
 R.P.E. 9240 L.L.S. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



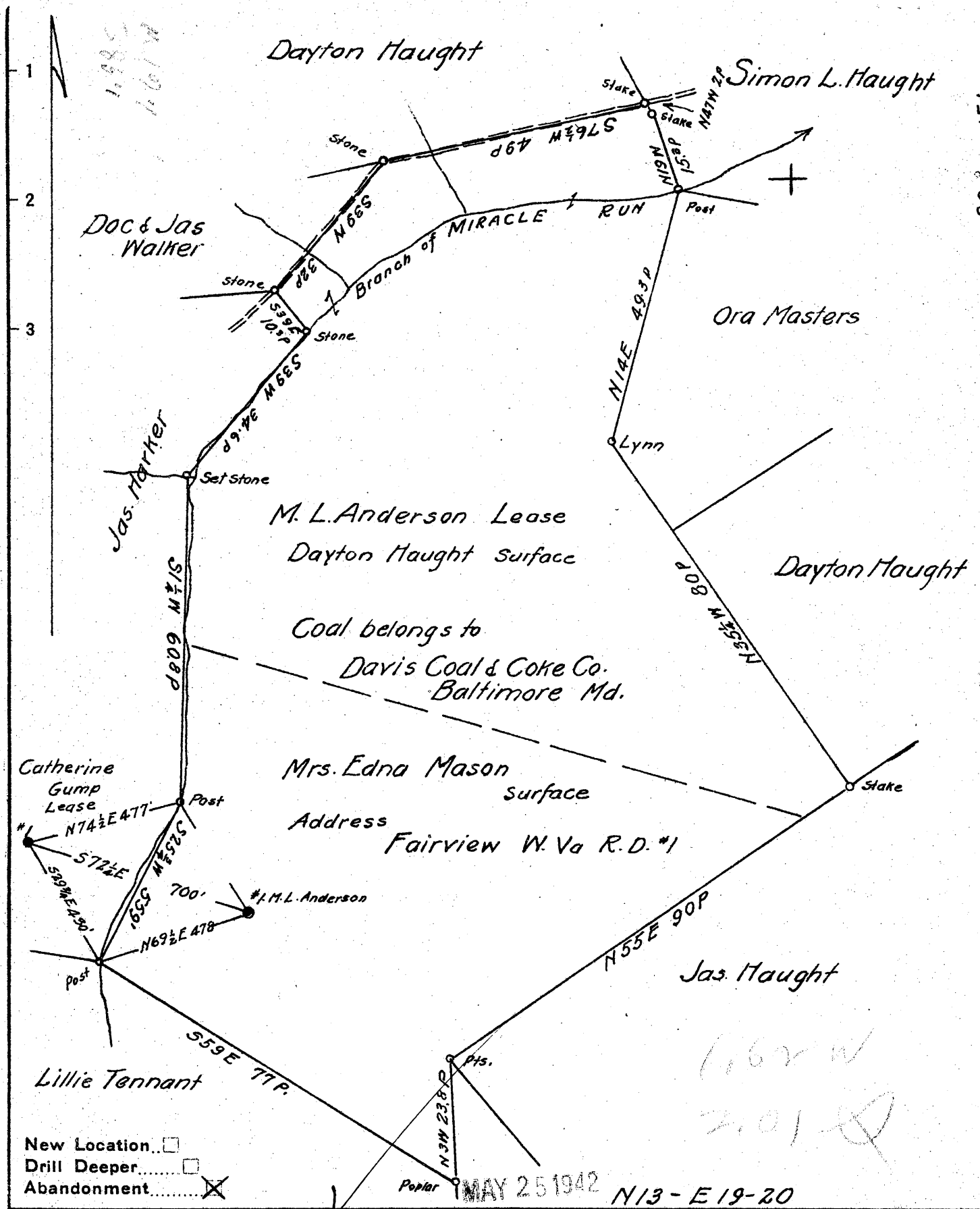
DATE JUNE 12, 19 86
 OPERATOR'S WELL NO F2-309
 API WELL NO. 47-061
 STATE COUNTY 0821-P PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____)
 LOCATION: ELEVATION 1265' WATER SHED MIRACLE RUN
 DISTRICT BATTELLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN 7 1/2' Magnolia EC
 SURFACE OWNER WILLIAM M. CONNERS ACREAGE 40.81
 OIL & GAS ROYALTY OWNER FORMERLY SOUTH PENN OIL CO. LEASE ACREAGE _____
 LEASE NO. _____
 PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUS AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION FIFTH SAND ESTIMATED DEPTH 3,264' JUL 21 1986
 WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT JOHN A. VEITCH JUL 21 1986
 ADDRESS RT. 1 BOX 144 FAIRVIEW W. VA. 26570 ADDRESS RT. 1 BOX 144 FAIRVIEW W. VA. 26570

Latitude 39° 40'

Longitude 80° 15'



Company South Penn Natural Gas Co
 Address Parkersburg W. Va.
 Farm M. L. Anderson
 Tract _____ Acres 96 Lease No. 25604
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1287.93 Ground
 Quadrangle Mannington
 County Monongalia District Battelle
 Engineer Emmon Haines
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date 3-12-42 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. MON-271-B
 Now 821

+ 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

324

WELL RECORD

Permit No. 771-A

Oil or Gas Well OIL
(KIND)

Company South Penn Natural Gas Company
Address Union Trust Bldg. Parkersburg, W. Va.
Farm M. L. Anderson Acres 96
Location (waters) Marathon Run
Well No. 1 Elev. 1287.93
District Battelle County Monongalia
The surface of tract is owned in fee by Mrs. Edna Mason
R. D. No. 1, Address Fairview, W. Va.
Mineral rights are owned by Florence Kiser
1126 Beach 12th St. Far Rockaway, New York
Drilling commenced April 14, 1898
Drilling completed July 11, 1898
Date Shot 11-11-20 From -- To --
With 4 Quarts
Open Flow /10ths Water in -- Inch
/10ths Merc. in -- Inch
Volume -- Cu. Ft.
Rock Pressure -- lbs. -- hrs.
Oil 50 bbls., 1st 24 hrs.
Fresh water --- feet. --- feet
Salt water --- feet. --- feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>--</u>
13			<u>--</u>
10	<u>379'</u>		Size of <u>--</u>
8 1/4	<u>1535'</u>		<u>--</u>
6	<u>1945'</u>		Depth set <u>--</u>
5 3/16	<u>2385'</u>		<u>--</u>
3			Perf. top <u>--</u>
2			Perf. bottom <u>--</u>
Liners Used <u>4" X 4 1/2"</u>	<u>280'</u>		Perf. top <u>--</u>
			Perf. bottom <u>--</u>

CASING CEMENTED -- SIZE -- No. Ft. -- Date --
COAL WAS ENCOUNTERED AT Est. 974 FEET 84 INCHES
-- FEET -- INCHES -- FEET -- INCHES
-- FEET -- INCHES -- FEET -- INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal		(Est.)	974	981			
Big Injun			2274	2430			
50 Ft. Sand			2904	2950	Show Oil	2375	
Stray Sand			3189	3199			
Gordon Sand			3201				
					Pay 3205-3211		
Total Depth				3227			
DRILLED DEEPER: Commenced Feb. 6, 1905- Completed March 6, 1905.							
Commenced drilling				3227			
Bottom Gordon 4th Sand			3240	3235			
					Oil	3252	
Total Depth				3264			



