

REDRILL 11/17/76
 New Location
 Drill Deeper
 Abandonment 11/17/76

MAP SH. 17-N15, E19 F.B. 1105 p. 28

Company EASTERN ASSOCIATED COAL CORP.
 Address Koppers Bldg. Pittsburgh PA. 15219
 Farm UNION SHRIVER
 Tract _____ Acres 154 Lease No. 61829
 Well (Farm) No. _____ Serial No. 9526
 Elevation (Spirit Level) 1069'
 Quadrangle MANNINGTON NE
 County MONONGALIA District BATTELLE
 Engineer Guy A. Bradley
 Engineer's Registration No. 2425
 File No. _____ Drawing No. _____
 Date Feb. 27, 1957 Scale 1" = 50p.

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

WELL LOCATION MAP
 FILE NO. MON-354-RED-P

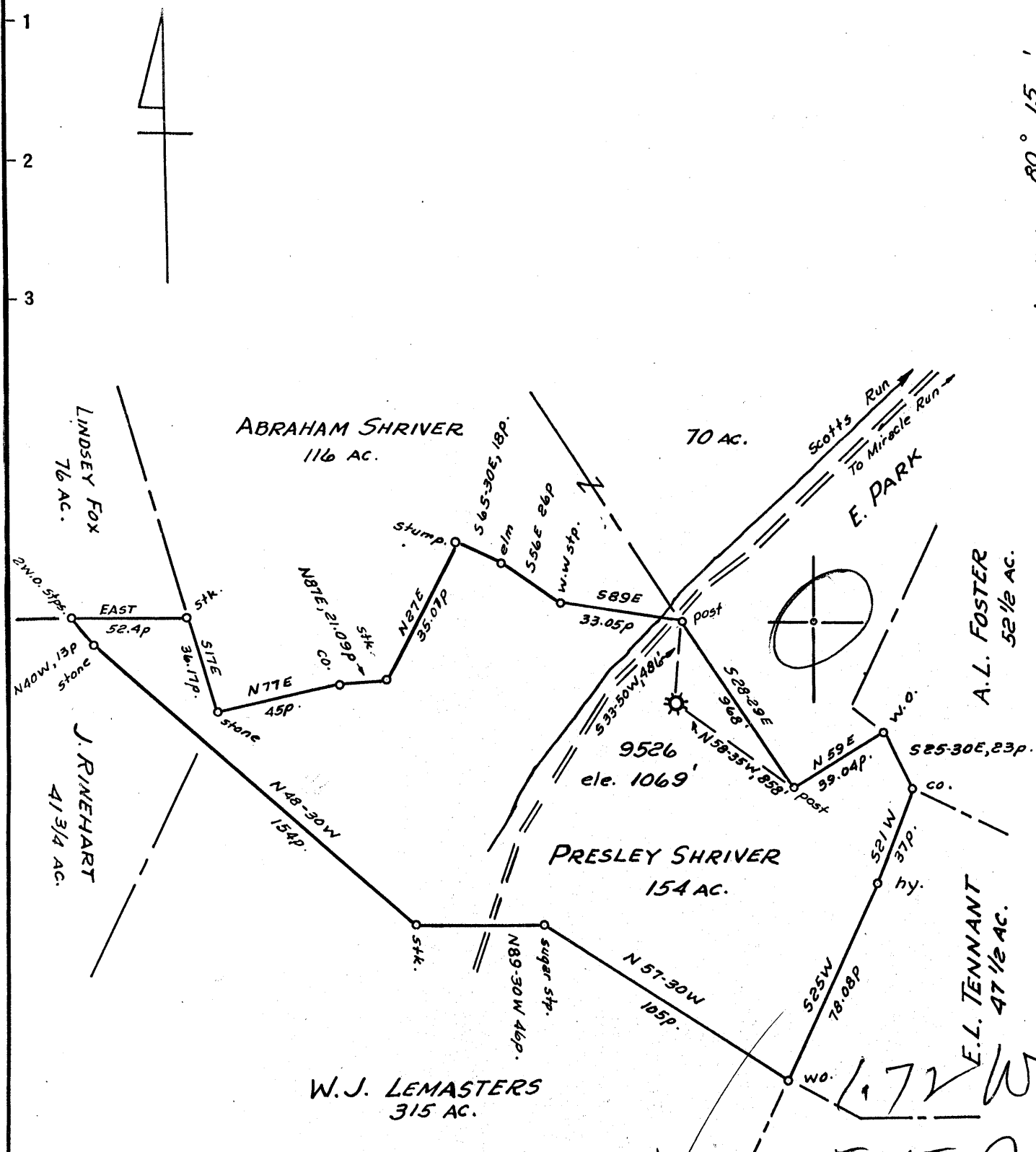
FORMERLY MON-604-A
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-061 DEC 13 1976

Latitude 39° 45'

Longitude 80° 15'



New Location...
 Drill Deeper.....
 Abandonment.....

APR. 1 1957

MAP SH. 17-N15, E19 F.B. 1105 p. 28.

172 W
 J.V.D.

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.VA.
 Farm PRESLEY SHRIVER
 Tract _____ Acres 154 Lease No. 61829
 Well (Farm) No. _____ Serial No. 9526
 Elevation (Spirit Level) 1069'
 Quadrangle MANNINGTON
 County MONONGALIA District BATTELLE
 Engineer Guy H. Bradley
 Engineer's Registration No. 2425
 File No. _____ Drawing No. _____
 Date FEB. 27, 1957 Scale 1" = 50 P.

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

WELL LOCATION MAP
 FILE NO. MON-604-A

+ 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.

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PRESLEY SHRIVER No. 9526 - HOPE N.G. Co. - MON-604-A

Battelle District, Monongalia County, W. Va.
 By Hope Natural Gas Co., Clarksburg, W. Va.
 On 154 acres.
 Elevation, 1069' h.
 Drilling commenced May 16, 1917; completed Sept. 12, 1917.
 Well was not shot.
 Oil show, 2162'.
 No record of water.
 6" casing, 2071'; 5", 2971'; 2" tubing, 3207' (pulled).
 No casing cemented.
 Coal was encountered at 685-690 and 668-787'.
 Gas well. Record to Dept. of Mines dated Feb. 28, 1957.
 Record to RCF from Mrs. Griffith March 28, 1957. Old File No. 652.

	Top.	Bottom.
Coal	685	690
Pittsburgh Coal	778	787
Little Dunkard Sand	1160	1180
1st Salt Sand	1669	1855
Little Lime	1965	1980
Pencil Cave	1980	1985
Big Lime	1985	2062
Big Injun Sand (oil show, 2162')	2062	2270
50-Ft. Sand (gas, 2703')	2690	2755
30-Ft. Sand	2765	2790
Gordon Stray Sand	2942	2980
Gordon Sand (gas, 3004')	2992	3015
4th Sand (gas, 3066')	3030	3070
Fifth Sand (gas, 3155')	3145	3157
Total depth		3207



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

657

Permit No. *604 A*

now: 354

Oil or Gas Well _____ (KIND)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Presley Shriver Acres 54
Location (waters) _____
Well No. X92 9526 Elev. 2069
District Battelle County Monongalia
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced May 16, 1917
Drilling completed Sept. 12, 1917
Date Shot Not shot From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Exhausted _____ Cu. Ft.
Rock Pressure ? lbs. _____ hrs.
Oil 2162' Show _____ bbls., 1st 24 hrs.
Fresh water No record feet _____ feet
Salt water No Record feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 3/4	2071	2071	Depth set
5 3/16	2971	2971	
3			Perf. top
2	3207	Pulled	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

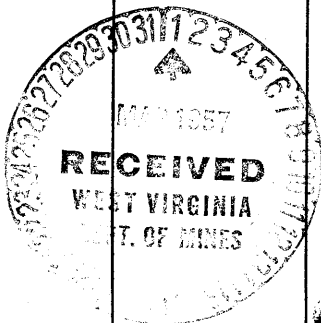
No casing cemented

COAL WAS ENCOUNTERED AT 685 FEET 60 INCHES

778 FEET 108 INCHES FEET INCHES

FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			685	690			
Pittsburgh Coal			778	787			
Little Dunkard			1160	1180			
1st Salt			1669	1855			
Little Lime			1965	1980			
Pencil Cave			1980	1985			
Big Lime			1985	2062			
Big Injun			2062	2270			
50 Ft. Sand			2690	2755	Oil	2062	
30 Ft. Sand			2765	2790	Gas	2703	show
Gordon Stray			2942	2980			
Gordon Sand			2992	3015	Gas	3004	
4th Sand			3030	3070	Gas	3066	
Fifth Sand			3145	3157	Gas	3155	
Total Depth				3207'			



February 28, 1957

Jack Bailey
Hope Natural Gas Company

MAR 28 1957



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

NOV 12 1976

OIL & GAS DIVISION

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE November 1, 1976

Surface Owner Janice L. Shriver
Address Rt. 1, Fairview, W. Va. 26570

Company Eastern Associated Coal Corp.
Address Koppers Building
Pittsburgh, Pennsylvania 15219

Mineral Owner _____
Address _____

Farm Janice L. Shriver Acres 182 ±

Coal Owner Wheeling Dollar Savings & Trust Co.
Address 1315 Market Street
Wheeling, West Virginia 26003

Location (waters) Miracle Run
Well No. 9526 (EACC-325) Elevation 1080

Coal Operator Eastern Associated Coal Corp.
Address Koppers Building, Pittsburgh,
Pennsylvania 15219

District Battelle County Monongalia
Quadrangle Wadestown, West Virginia

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for redrilling. This permit shall expire if operations have not commenced by 3-17-77.

[Signature]
Deputy Director - Oil & Gas Division
GENTLEMEN:

INSPECTOR TO BE NOTIFIED Wm. Blosser
Fairmont
PH: 363-9105 ADDRESS Colfax, W. Va.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated July 29 1976 by Janice L. Shriver made to Eastern Associated Coal Corp. and recorded on the 13th day of October 1976, in Monongalia County, Book 9 Page 384

NEW WELL DRILL DEEPER X REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505

Very truly yours, EASTERN ASSOCIATED COAL CORP.
(Sign Name) [Signature] Well Operator
Executive Vice President
Koppers Building
Street
Pittsburgh
City or Town

I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12b and will carry out the specified requirements.
EASTERN ASSOCIATED COAL CORP. By [Signature], Executive Vice President

*SECTION 3... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

MON-354-RED.

47-061

PERMIT NUMBER

[Signature]

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X REDRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) (Probable) RESPONSIBLE AGENT:
 NAME Chisler Brothers NAME _____
 ADDRESS Pentress, West Virginia ADDRESS _____
 TELEPHONE 304-879-6522 TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 (Dry Hole) RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET

APPROXIMATE COAL DEPTHS 760

IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Eastern Associated Coal Corp. - Federal No. 2 M

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON X WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

Eastern Associated

WAIVER: I the undersigned, Agent for Coal Corp. ~~Coal Company~~, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the Eastern Associated Coal Corp. ~~Coal Company~~ have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

EASTERN ASSOCIATED COAL CORP.

Castell
For Coal Company

Executive Vice President
Official Title