



Surface: F. M. Lemasters
Alvy, W. V.

Minimum Error of Closure 1 in 200

Source of Elevation E. Ash 3, Elev. 978.93 Gr.

Fracture

New Location Injection

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.

Signed: Curtis A. Lucas

Map No. N 47 Squares: N 1 S E W 4

Company PENNZOIL COMPANY

Address P. O. Box 1588, Parkersburg, W. Va. 26101

Farm EMALINE ASH

Tract Acres 42 Lease No. 12797

Well (Farm) No. 5 Serial No.

Elevation (Spirit Level) 976.89

Quadrangle CENTERPOINT 7.5' #15' NW

County Tyler District McElroy

Surveyor CURTIS A. LUCAS

Surveyor's Registration No. 275

File No. 1698 Drawing No.

Date 9-22-80 Scale 1" = 800'

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

WELL LOCATION MAP
095-0855
FILE NO.

+ 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.

2935 GORDON

BRUNING 44-131 27198



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Centerpoint 7.5'
Permit No. 47-095-0855

Rotary _____ Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood Storage _____
Disposal _____ (Kind)

Company Pennzoil Company
Address P. O. Box 1588, Parkersburg, WV
Farm Emaline Ash Acres 42
Location (waters) Indian Creek
Well No. 5 Elev. 976.89'
District McElroy County Tyler
The surface of tract is owned in fee by _____
F. M. Lemasters
Address Alvy, Wv
Mineral rights are owned by Dessel P. Yeater
Address 639 Washington Ave., Clarksburg, WV
Drilling Commenced 12-2-80
Drilling Completed 12-9-80
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	881	881	230 sks
7			
5 1/2			
4 1/2	2937	2937	100 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Water Injection Well

Perf: 2870-2878-16H

Fractured 12-30-80 w/250 gals. 15% HCL, 160 BGW, 1000# 20/40 sd

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Gordon Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			0	1272		
Shale			1272	1432		
Sand & Shale			1432	2008		
Little Lime			2008	2020		
Pencil Cave			2020	2036		
Blue Monday			2036	2066		
Big Lime			2066	2136		
Loyalhanna			2136	2160		
Pocono Big Injun			2160	2282		
Pocono Shale			2282	2840		
Gordon ✓			2840	2940		
Total Depth				2940		
PBD				2920		

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

SEP 24 1980

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 23, 1980

Surface Owner F. M. Lemasters
Address Alvy, WV
Mineral Owner Dessel P. Yeater
Address 639 Washington Ave., Clarksburg, WV
Coal Owner _____
Address _____
Coal Operator NO COMMERCIAL COAL
Address _____

Company Pennzoil Company
Address P. O. Box 1588, Parkersburg, WV
Farm Emaline Ash Acres 42
Location (waters) Indian Creek
Well No. 5 Elevation 976.8
District McElroy County Tyler
Quadrangle Centerpoint 7.5'

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 drilling. This permit shall expire if
operations have not commenced by 5-26-81.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Phil Tracy

ADDRESS Rt. 23, Alma, WV

PHONE 758-4573

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated March 13 1994 by W. E. and Emaline Ash made to South Penn Oil Company and recorded on the _____ day of _____ 19____, in _____ County, Book 22 Page 634

NEW WELL _____ DRILL DEEPER _____ 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 operator 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, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours, PENNZOIL COMPANY
(Sign Name) Curtis A. Lucas
Well Operator Curtis A. Lucas
P. O. Box 1588 Civil Eng. Dept
Street
Parkersburg,
City or Town
West Virginia 26101
State

*SECTION 3... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt 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.

BLANKET BOND

47-095-0855

PERMIT NUMBER

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE STIMULATE _____
 DRILLING CONTRACTOR (If Known) _____ RESPONSIBLE AGENT _____
 NAME _____ NAME Pennzoil Company
 ADDRESS _____ ADDRESS Parkersburg, WV 26101
 TELEPHONE _____ TELEPHONE 422-6565
 ESTIMATED DEPTH OF COMPLETED WELL 2935 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL: OIL _____ GAS _____ COMB _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER X Water
Injected

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - CURT. FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	850	850	380 sks.
7			
5 1/2			
4 1/2	2935	2935	200 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____

APPROXIMATE COAL DEPTHS _____

IS COAL BEING MINED IN THE AREA? None BY WHOM? _____

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. 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 two (2) weeks in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of the date of filing of this application.

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

We the _____ 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.

For Coal Company

Official Title