



- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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.

Chet Waterman

Company PENN RESOURCES, INC.
 Address PHILADELPHIA, PA.
 Farm D.E. COFFMAN
 Tract _____ Acres 44 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1130'
 Quadrangle CENTERPOINT *EL*
 County DODDRIDGE District MCCLELLAN
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 73003-414 Drawing No. _____
 Date 8/22/73 Scale 1" = 20p

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

WELL LOCATION MAP
 FILE NO. DOD - 1749

+ 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.

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

39-30
6-21
②

Quadrangle Centerpoint
Permit No. DOD-1749

Rotary _____ Oil _____
Cable XXXX Gas X c. g. o. l. e
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Willard E. Ferrell, Agent

Company Penn Resources Corporation
Address P.O. Box 5056, Philadelphia, Pa.
Farm C. F. Coffman Acres 44
Location (waters) Pike Fork/McElroy Creek
Well No. 1 Elev. 1130'
District McClellan County Doddridge
The surface of tract is owned in fee by _____
Allegheny Land & Mineral
Address Clarksburg, W.Va.
Mineral rights are owned by John A. Statler
Address Pennsboro, W.Va.
Drilling Commenced 9-27-73
Drilling Completed 10/23/73
Initial open flow 30M cu. ft. _____ bbls.
Final production 878M cu. ft. per day _____ bbls.
Well open 24 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	345		
XXX 8 1/4"	1210	1210	C.T.S (315 Sxs)
7			
5 1/2			
4 1/2	2206	2206	
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Harry Elder & Sons - Contractor

500 gal acid- 770 Barrels fluid - 37000 pounds sand

Coal was encountered at 785' Feet 5 Inches
Fresh water 222' Feet 3' Salt Water 790' Feet 43'
Producing Sand Big Injun sand Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Rock			0	10		
Slate			10	45		
Red Rock			10	108		
Black Slate			108	170		
Red Rock			170	222		
Sand			222	225		
Slate			225	295		
Red Rock			295	320		
Slate			320	365		
Red Rock			365	380		
Sand			380	395		
Slate & Shells			395	450		
Sand			450	510		
Slate & Shells			510	660		
Lime			660	680		
Sand			680	785		
Coal			785	790		
Slat & Shells			790	853		
Sand			853	910		
Slate			910	930		
Red Rock			930	970		
Sand			970	995		
Slate			995	1035		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Rock			1035	1060		
Slate & Shells			1060	1115		
Red Rock			1115	1165		
Sand			1165	1195		
Slate & Shells			1195	1355		
Sand			1355	1395		
Slate & Shells			1395	1595		
Sand			1595	1640		
Slate & Shells			1640	1660		
Sand			1660	1710		
Slate			1710	1740		
Sand			1740	1795		
Slate			1795	1870		
Sand			1870	1915		
Red Rock			1915	1995		
Slate			1995	2035		
Broken Lime			2035	2055		
Slate			2055	2099		Show of oil at 2099
Big Lime			2099	2140		
Keener Sand			2140	2160		Show of gas 2165 - 2200
<u>Big Injun Sand</u>			2160	2206		Total Depths

Date Nov. 5, 1973

APPROVED Penn Resources, Inc., Owner

By William E. Funch
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Allegheny Land & Mineral Co.
Address Clarkeburg, West Va.
Mineral Owner John A. Statler
Address Fennsboro, W.Va.
Coal Owner _____
Address _____
Coal Operator _____
Address _____

DATE Aug. 28, 1973
Company Penn Resources Corporation
Willard E. Ferrell, Agent
Address P.O. Box 5056, Philadelphia, Pa. 19111
Farm C. F. Coffman Acres 44
Location (waters) Pike Fork
Well No. 1 Elevation 1130
District McClellan County Loddridge
Quadrangle Centerpoint

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 12-31-73.

Robert L. Fossil
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED William Blosser
Colfax, W.Va. PH: 363-9105

GENTLEMEN:

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 Nov. 2, 1972 by John A. Statler made to Penn Resources, Inc and recorded on the 2 day of Jan, 1972 1972, in Loddridge County, Book 97 Page 300 Assigned to Willard E. Ferrell May 22, 1973
Now 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 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.

Very truly yours,
(Sign Name) Willard E. Ferrell
Well Operator

Address of Well Operator P.O. Box 5056 Street
Philadelphia City or Town
Pa. 19111 State

*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.

BLANKET BOND

See way

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

PROPOSED WORK ORDER TO 3 DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Harry Elder NAME B. G. Currey
 ADDRESS Calro, West Va. ADDRESS Fullman, W. Va. 26021
 TELEPHONE 614-374-6691 TELEPHONE 679-2123
 ESTIMATED DEPTH OF COMPLETED WELL: 2000 ft. ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 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	15	15	60 sacks
13 - 10	400	400	
9 - 5/8	1200 ft	1200 ft	
8 - 5/8			
7			
5 1/2	2000 ft	2000 ft	60 sacks
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 _____
 IS COAL BEING MINED IN THE AREA? _____ 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. ON 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.

WAIVER: I the undersigned, Agent for _____ 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 _____ 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