



Source of Elevation ROAD AT PIKE FORK (887')

- 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 LETT GARDNER OIL & GAS ASSOCIATES, William S. Perrett
 Address PHILADELPHIA, PA.
 Farm O. E. COFFMAN
 Tract _____ Acres 44 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 1120'
 Quadrangle CENTERPOINT *EC*
 County DODDRIDGE District McCLELLAN
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 731003-512 Drawing No. _____
 Date 10/26/73 Scale 1" = 20p

OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Dodd-1754

+ 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.

47-017



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

39-30

Oil and Gas Division

② 6-21

WELL RECORD 4

Quadrangle Centerpoint

Permit No. DGD 1754

Rotary _____ Oil _____
Cable X Gas X NO. 1
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company <u>PENN JERSEY OIL & GAS ASSOCIATES, Willard E. Ferrell, Agent</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 5056, Philadelphia, Pa. 19111</u>				
Farm <u>G.F. Coffman</u> Acres <u>44</u>				
Location (waters) <u>Pike Fork</u>	Size			
Well No. <u>2</u> Elev. <u>1120</u>	<u>20-16</u>			
District <u>McClellan</u> County <u>Doddridge</u>	Cond.			
The surface of tract is owned in fee by _____	<u>13-10"</u>	<u>14ft</u>	<u>14ft</u>	
<u>Alleghany Land & Mineral</u>	<u>9 5/8</u>			
Address <u>Clarksburg, W.Va</u>	<u>8 5/8</u>	<u>1214ft</u>	<u>1214ft</u>	
Mineral rights are owned by <u>John A. Statler, et al</u>				
Address <u>Pennsboro, W.Va</u>	<u>5 1/2</u>			
Drilling Commenced <u>11/19/1973</u>	<u>4 1/2</u>	<u>2134</u>	<u>2134</u>	ft.
Drilling Completed <u>12/21/1973</u>	<u>3</u>			
Initial open flow <u>40M</u> cu. ft. _____ bbls.	<u>2</u>			
Final production <u>350M</u> cu. ft. per day _____ bbls.	Liners Used			
Well open <u>24</u> hrs. before test <u>560</u> RP.				

Well treatment details: 500 gal acid - 750 bls fluid - 35000 lbs of sand

Attach copy of cementing record. Attached

Coal was encountered at 670 10ft Feet _____ Inches

Fresh water Surface only Feet _____ Salt Water _____ Feet _____

Producing Sand Big Injua 2025 Depth 12 ft.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Clay			0	16		
Sandy rock			16	45		
Red Rock			45	70		
Slate			70	90		
Red Rock			90	115		
Slate			115	150		
Red Rock			150	330		
Slate			330	460		
Line			460	585		
Slate			585	670		
Coal			670	680		
Slate & Shells			680	810		
Red Rock			810	885		
Slate & Shells			885	1100		
Sand			1000	1120		
Slate & Shells			1120	1180		
Sand			1180	1200		
Slate & Shells			1200	1330		
Sand			1330	1360		
Slate			1360	1435		
Sand			1435	1465		
Slate			1465	1490		
Sand			1490	1540		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet 4	Bottom Feet	Oil, Gas or Water	* Remarks
slate			1540	1550		
Sand			1550	1700		
Lime			1700	1800		
slate & Shells			1800	1900		
Red Lime			1900	1904		
Sand			1904	1920		
slate & Shells			1920	1970		
Big Lime			- 1970	2025		
<u>Sand (Big Injun)</u>			2025	2132		
slate & Shells			2132	2136		
						perf 2060-90
					Total Depth	

Date 9/25, 1974

APPROVED Holland C. Fennel, Owner

By Rogant
(Title)

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

PROPOSED WORK ORDER TO: X DRILL DEEPEN FRACTURE WELL

WELL OPERATOR Penn Jersey Oil & Gas Associates RESPONSIBLE AGENT:
NAME Willard E. Ferrell, Operator NAME Mr. E.C. Currey

ADDRESS P.O.Box 5056, Philadelphia, Pa. 19111 ADDRESS Pullman, West Va. 26421

TELEPHONE 215 - FI 2 2953 TELEPHONE 659 2823

DRILLING CONTRACTOR: (IF KNOWN) LAND OWNER:
NAME H.H. Elder & Son NAME Allegheny Land & Mineral Co.

TELEPHONE 614 - 374 6651 TELEPHONE

ESTIMATED DEPTH OF COMPLETED WELL: 2100 ROTARY

PROPOSED GEOLOGICAL FORMATION: Big Injib CABLE TOOLS X

TYPE OF WELL: OIL GAS X COMB. STORAGE DISPOSAL

TYPE WASTE RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING	CEMENT TO BE USED	FOR DRILLING	TO BE LEFT
20			
16		16	16
13 3/8			
11 3/4			
10 3/4			
9 5/8			
8 5/8	225 sacks	1250	1250
7			
5 1/2			
4 1/2	40	2100	2000
3 1/2			
2 3/8			
LINERS USED			

APPROXIMATE DEPTHS OF EXPECTED POTABLE WATER STRATA _____, _____, _____,

APPROXIMATE DEPTHS OF EXPECTED WORKABLE COAL SEAMS? 740 , _____, _____,

IS COAL BEING MINED IN THE AREA? NO

WAIVER: I the undersigned, Agent for _____ Coal Company, owner or operator of the coal under this lease have examined and placed 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