

Longitude 81° 40'

7.5
0615 m.p.h.
1.445
.1165

ACCURACY: 1/1200'

Source of Elevation OLD WELL - KAN-377 (794.02')

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.

- Drill Deeper
- Abandonment *limited 10-17-69*
- Fracture
- Redrill

Chet Waterman

Company APPALACHIAN EXPLORATION & DEVELOPMENT, INC.
 Address CHARLESTON, W. VA.
 Farm FISHER A. BONHAM
 Tract Acres 503 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 872.68'
 Quadrangle KEENNA SW 5500' 16"
 County MAHONDI District POCA
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 68008-103 Drawing No. _____
 Date 10/15/69 Scale 1" = 1320'

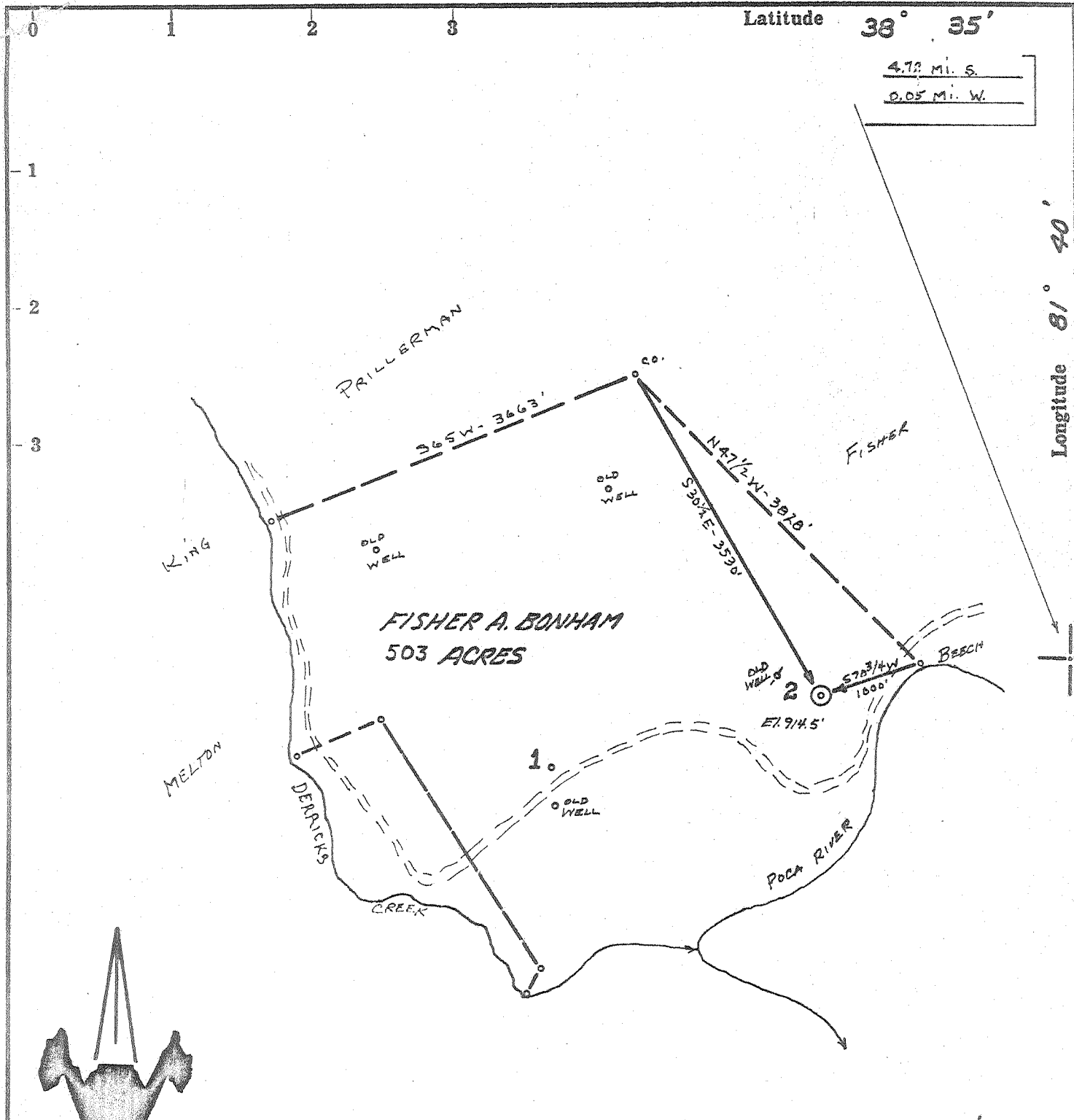
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. KAN-2326-P
Corrected Elevation

+ 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.

Deep Well (Newburg)



ACCURACY: 1/200'

Source of Elevation OLD WELL - KAN-377 (744.09')

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

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

Company	APPALACHIAN EXPLORATION & DEVELOPMENT, INC.		
Address	CHARLESTON, W. VA.		
Farm	FISHER A. BONHAM		
Tract	Acres 503	Lease No.	
Well (Farm) No.	2	Serial No.	
Elevation (Spirit Level)	914.5 ± 872.68'		
Quadrangle	KENNA	SW	
County	KANAWHA	District	POCA
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	68003-183	Drawing No.	
Date	10/15/68	Scale	1" = 1320'

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

WELL LOCATION MAP

FILE NO. KAN-2326
Corrected Elevation

+ 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.

Deep Well (Newburg) 6-6 Rocky Fork 312
 DEC 16 1968



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Kenna
Permit No. Kanawha - 2326

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Appalachian Exploration & Development, Inc.
Address P.O. Box 628, Charleston, W.Va. 25322
Farm Fisher A. Bonham Acres 503
Location (waters) Pocatalico
Well No. 2 Elev. 908
District Poca County Kanawha
The surface of tract is owned in fee by Fisher A. Bonham
Box 512, Legg Route Address Sissonville, W.Va.
Mineral rights are owned by Fisher A. Bonham
Box 512, Legg Route Address Sissonville, W.Va.
Drilling commenced November 23, 1968
Drilling completed December 8, 1968
Date Shot None From To

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>None</u>
16			
13-3/8	73	73	Size of
10			Depth set
9-5/8	2066	2066	
7	5793	5793	
5 3/16			Perf. top <u>5799</u>
4 1/2			Perf. bottom <u>5803</u>
3			Perf. top <u>5808</u>
2			Perf. bottom <u>5816</u>
Liners Used <u>4-1/2</u>	259	259	

Attach copy of cementing record. (See back of sheet.)
CASING CEMENTED SIZE No. Ft. Date
Amount of cement used (bags)
Name of Service Co.
COAL WAS ENCOUNTERED AT None FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) No
RESULT AFTER TREATMENT (Initial open Flow or bbls.) No
ROCK PRESSURE AFTER TREATMENT No HOURS
Fresh Water None Feet Salt Water Feet
Producing Sand Newburg Depth 5808

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay		Soft	0	25			
Shale		Soft	25	95			
Sand & shale		Soft	95	1305			
Sand		Soft	1305	1739			
Big Lime		Hard	1739	1902			
Shale		Soft	1902	1930	5808	5808	
Sand		Soft	1930	1962	888	5050	
Sand & shale		Soft	1962	2075			
Lime		Soft	2075	2405	4920	758	
Sand		Soft	2405	2415			
Shale		Soft	2415	4955			
Onondaga		Hard	4955	5050			
Oriskany		Hard	5050	5090			
Lime		Hard	5090	5808			
Newburg		Hard	5808	5816			
Lime	<u>McKenzie</u>	Hard	5816	5848			

