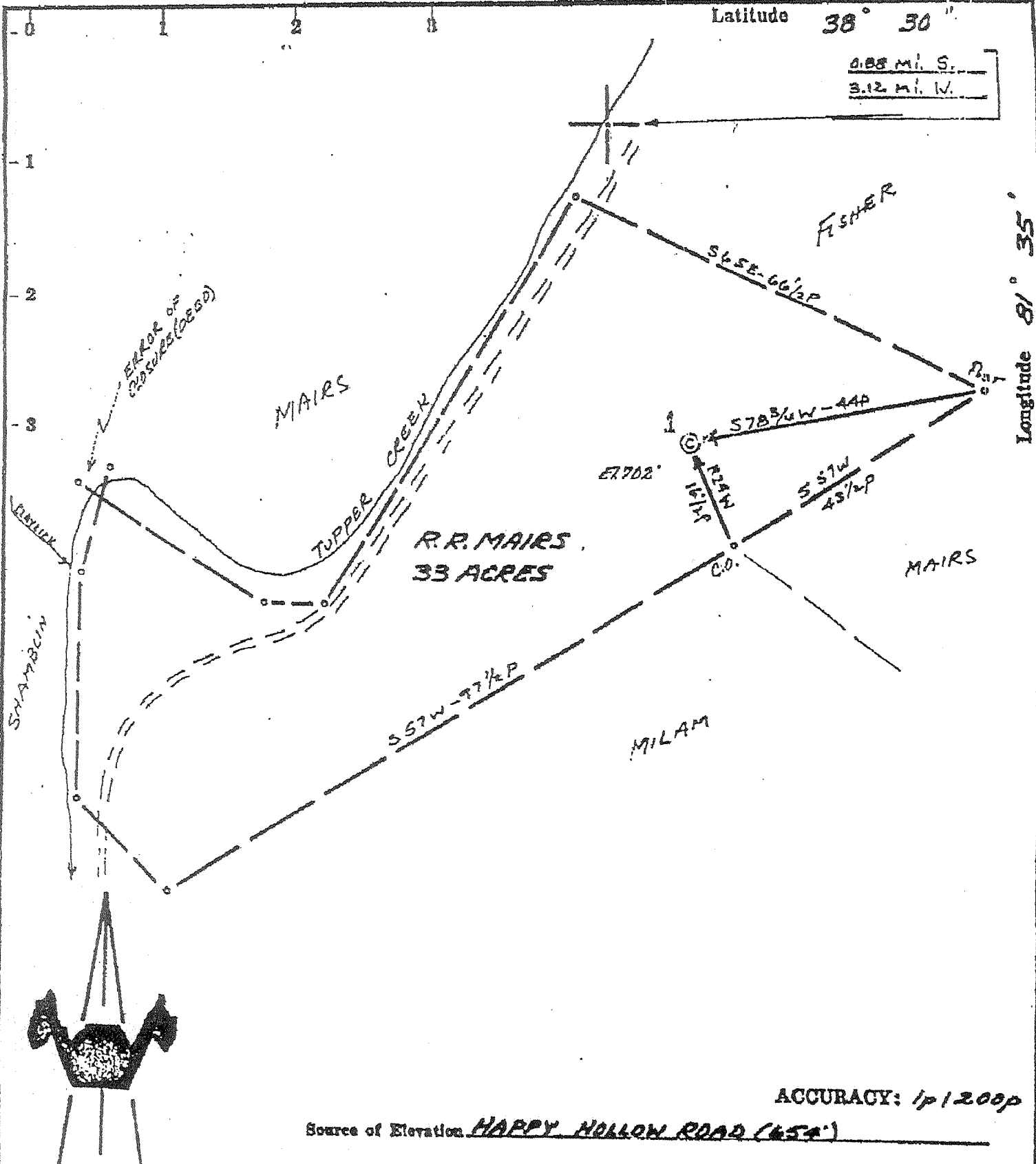


Latitude 38° 30"

0.88 Mi. S.  
3.12 Mi. W.



ACCURACY: 1/200P

Source of Elevation HAPPY HOLLOW ROAD (654')

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.

Issued 3-17-69

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

Company APPALACHIAN EXPLORATION & DEVELOPMENT, INC.  
 Address CHARLESTON, W.VA.  
 Farm R.R. MAIRS  
 Tract Acres 33 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 702'  
 Quadrangle CHARLESTON NC  
 County KANAWHA District POCA  
 Engineer CHET WATERMAN  
 Engineer's Registration No. 3788  
 File No. 69003-32 Drawing No. \_\_\_\_\_  
 Date 2/12/69 Scale 1" = 200'

*Chet Waterman*

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

WELL LOCATION MAP  
FILE NO. KAN-2358-P

+ 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.

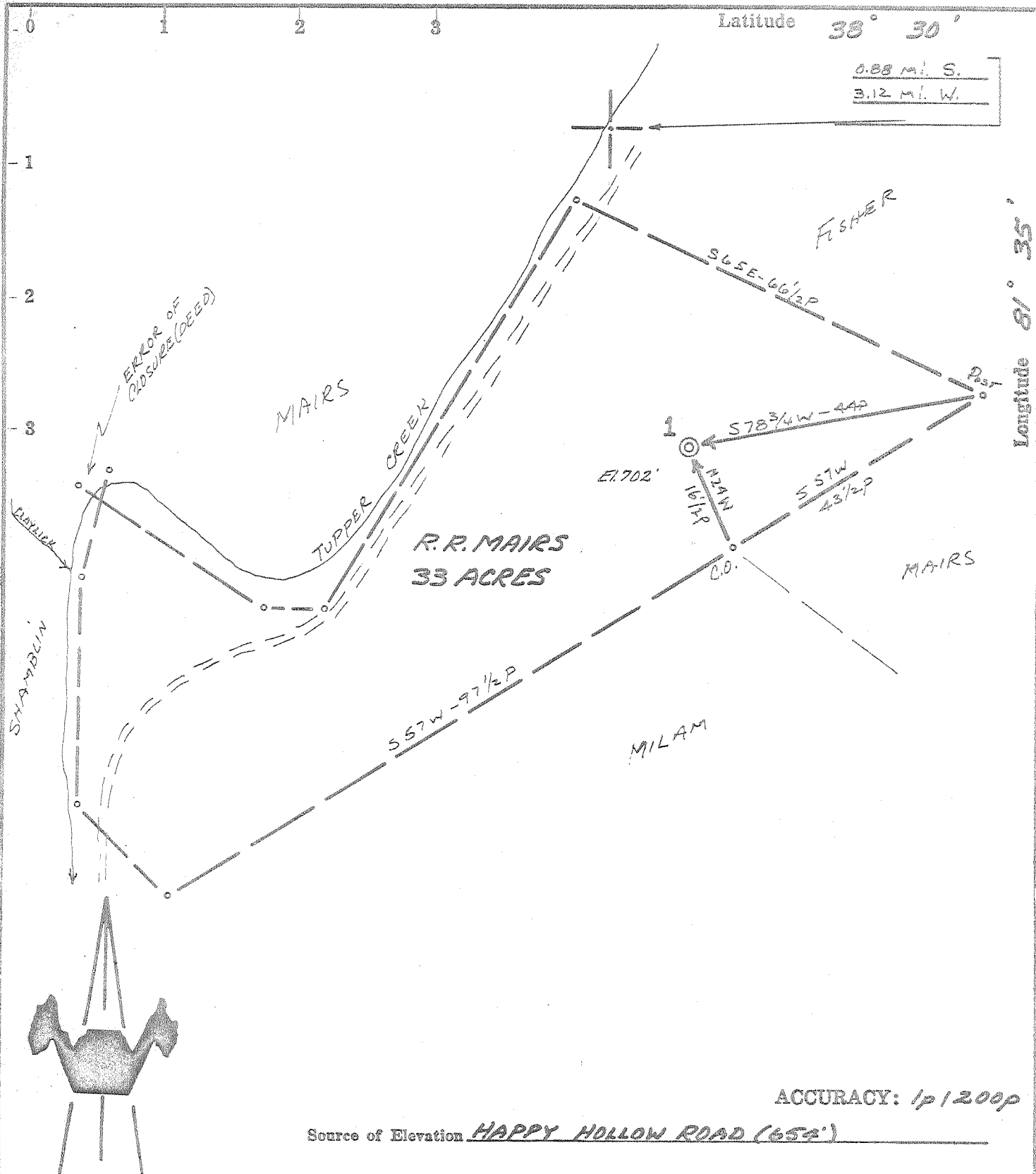
JAN 21 2005

MAR 30 1969

JAN 21 2005

Longitude 81° 35'

KAN 2358-P



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.

Witness 3-17-69

*Chet Waterman*

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

Company APPALACHIAN EXPLORATION & DEVELOPMENT, INC.

Address CHARLESTON, W.VA.

Farm R.R. MAIRS

Tract \_\_\_\_\_ Acres 33 Lease No. \_\_\_\_\_

Well (Farm) No. 1 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 702'

Quadrangle CHARLESTON NC

County KANAWHA District POCA

Engineer CHET WATERMAN

Engineer's Registration No. 3788

File No. 69023-32 Drawing No. \_\_\_\_\_

Date 2/12/69 Scale 1" = 20p

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

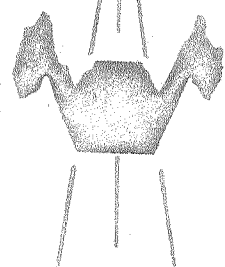
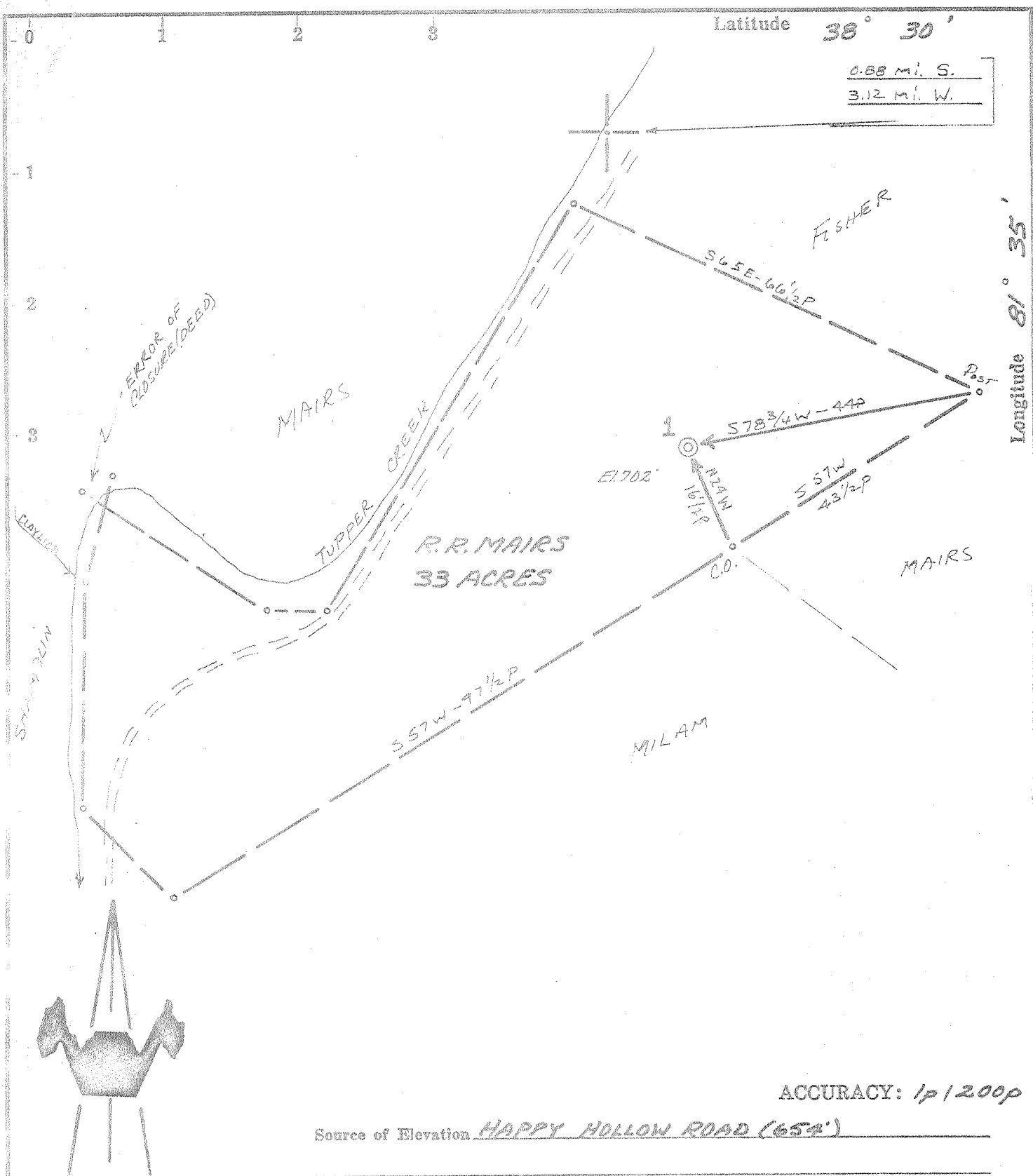
WELL LOCATION MAP  
FILE NO. KAN-2358-P

+ 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.

*Sup Hill (Newburg)*

MAR 30 1969



ACCURACY: 1p/200p

Source of Elevation HAPPY HOLLOW ROAD (654')

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.

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

*Chet Waterman*

Company APPALACHIAN EXPLORATION & DEVELOPMENT, INC.

Address CHARLESTON, W.VA.

Farm R.R. MAIRS

Tract \_\_\_\_\_ Acres 33 Lease No. \_\_\_\_\_

Well (Farm) No. 2 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 702'

Quadrangle CHARLESTON NC

County KANAWHA District POCA

Engineer CHET WATERMAN

Engineer's Registration No. 3788

File No. 69002-32 Drawing No. \_\_\_\_\_

Date 2/12/69 Scale 1" = 20P

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

WELL LOCATION MAP  
FILE NO. KAN-2358

+ 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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Charleston

Permit No. Kanawha - 2358

**WELL RECORD**

Oil or Gas Well Gas (Dry)  
(KIND)

Company <u>Appalachian Exploration &amp; Development, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P.O. Box 628, Charleston, W.Va. 25322</u>	Size			
Farm <u>Rome Mairs</u> Acres <u>33</u>				
Location (waters) <u>Tuppers Creek</u> <u>717 K.B.</u>	<u>16</u>			Kind of Packer
Well No. <u>1</u> Elev. <u>702 Gr.</u>	<u>13-3/8</u>	<u>69</u>	<u>69</u>	
District <u>Poca</u> County <u>Kanawha</u>	<u>9-5/8</u>	<u>1767</u>	<u>1767</u>	Size of
The surface of tract is owned in fee by <u>Rome Mairs</u>	<u>8 1/4</u>			
<u>Box 402, Legg Star Rt. Address Sissonville, W.Va.</u>	<u>7"</u>	<u>5532</u>	<u>1782</u>	Depth set
Mineral rights are owned by <u>Rome Mairs</u>	<u>5 3/16</u>			
<u>Box 402, Legg Star Rt. Address Sissonville, W.Va.</u>	<u>4 1/2</u>			
Drilling commenced <u>March 4, 1969</u>	<u>3</u>			Perf. top
Drilling completed <u>March 16, 1969</u>	<u>2</u>			Perf. bottom
Date Shot <u>Not shot</u> From <u>---</u> To <u>---</u>	Liners Used			Perf. top
With <u>---</u>				Perf. bottom

Attach copy of cementing record.

CASING CEMENTED --- SIZE --- No. Ft. --- Date ---

Amount of cement used (bags) See reverse side. 9-5/8"

Name of Service Co. Dowell, 13-3/8" & 7"; Halliburton

COAL WAS ENCOUNTERED AT 915 FEET 36 INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS) none

WELL FRACTURED (DETAILS) none

RESULT AFTER TREATMENT (Initial open Flow or bbls.) ---

ROCK PRESSURE AFTER TREATMENT --- HOURS ---

Fresh Water 93 Feet --- Salt Water 1290 Feet ---

Producing Sand None Depth ---

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface soil		Soft	0	18			
Red rock, clay		"	18	35			
Sand		"	35	160	Fresh water	93'	
Red rock, shale		"	160	265			
Sand, shale streaks		"	265	345			
Slate, shale		"	345	380			
Sand, slate streaks		"	380	915			
COAL		"	915	918			
Sandy shale		"	918	985			
Sand		"	985	1140			
Sandy shale		"	1140	1280			
Sand		"	1280	1445	Salt water	1290'	
Sand, shale, lime		"	1445	1465			
Limestone		Hard	1465	1645			Big Lime
Sand		Soft	1645	1700			
Sandy shale		"	1700	1730			
Shale		"	1730	2105			
Sand		"	2105	2118			Berea
Shale		"	2118	4687			
Limestone		Hard	4687	4760			Onondaga
Lime, shale		"	4760	4805			
Sandstone		"	4805	4850	Gas, sl. show	4850'	Oriskany
Sandy shale		"	4850	4910			
Lime, shale		"	4910	5000			
Lime, shale streaks		"	5000	5178			
Shale		"	5178	5580	Damp	5460'	
Sandstone <u>Newburg</u>		"	5580	5609	sl. show gas	5590'	Newburg; gas too small to measure.



Formation	Color	Hard or Soft	Top $\nabla$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sandy shale	McKenzie	Hard	5609 Total depth	5615 (driller)	5615'; T.D.	(log) 5607'	
GAMMA RAY FORMATION TOPS:							
		Onondaga	4686' -	4786'		5572	5572
		Oriskany	4786' -	4829'		717	4786
		Newburg	5572' -	5586'		4855	786
<u>Pipe and Cementing Record</u>							
3-4-69			set 13-3/8" @ 69', cemented with 45 sacks.				
3-8-69			set 9-5/8" @ 1747', cemented with 600 sacks.				
3-14-69			set 7" @ 5532', cemented with 200 sacks.				

Date March 17, 1969  
 APPALACHIAN EXPLORATION & DEVELOPMENT, INC.  
 APPROVED [Signature], Owner  
 By District Geologist  
 (Title)

WR-38  
16-Jan-01

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS

API:  
47-039 - 02358P

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator, and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm Name: \_\_\_\_\_ Operator Well No. Mairs # 1  
LOCATION: Elevation: 702' District: Poca Quadrangle: Pocatalico  
Latitude: \_\_\_\_\_ feet South of \_\_\_\_\_ DEG. MIN. SEC.  
Longitude: \_\_\_\_\_ feet West of \_\_\_\_\_ DEG. MIN. SEC.  
Well Type: OIL \_\_\_\_\_ GAS X  
Company: Cabot Oil & Gas Corp. Coal Operator: \_\_\_\_\_  
900 Lee Street East, Suite 500  
Charleston, WV 25301  
Agent: Thomas S. Liberatore

Permit Issued: January 20, 2005

Coal Owner Not Operated  
**RECEIVED**  
Office of Oil & Gas  
JUN 10 2005

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Kanawha  
W. Lee Hornsby

ss:  
and William Shreeve

WV Department of  
Environmental Protection

being first duly sworn according to law, depose and say that they are experienced in the work of plugging and filling oil & gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Carlos Hively Oil and Gas Inspector representing the Director, say that said work was commenced on the 21st. day of January, 2005 and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Salt water & Cavings	5615'	3226'		13-3/8" @ 69'
Class A w/ Latex	3226'	2726'		9-5/8" @ 1747
6% Gel	2726'	2085'		7" @ 3750' to 5532'
Class A w/ Latex	2085'	1985'		
6% Gel	1985'	1797'		
Class A w/ Latex	1797'	1697'		
6% Gel	1697'	1445'		
Class A	1445'	1345'		
6% Gel	1345'	150'		
RFC	150'	Surface		

Description of Monument As Perscribed By Law

and that the work of plugging and filling said well was completed on the 31st day of January, 2005, and further deponents saith not.

Signature: \_\_\_\_\_  
Signature: \_\_\_\_\_

Sworn and subscribe before me this 17th day of April, 2009

Notary Tony L. Clark  
My commision expires: 8/20/2010  
[Signature]  
Oil & Gas Inspector



JUN 12 2009

KAN 2358 P