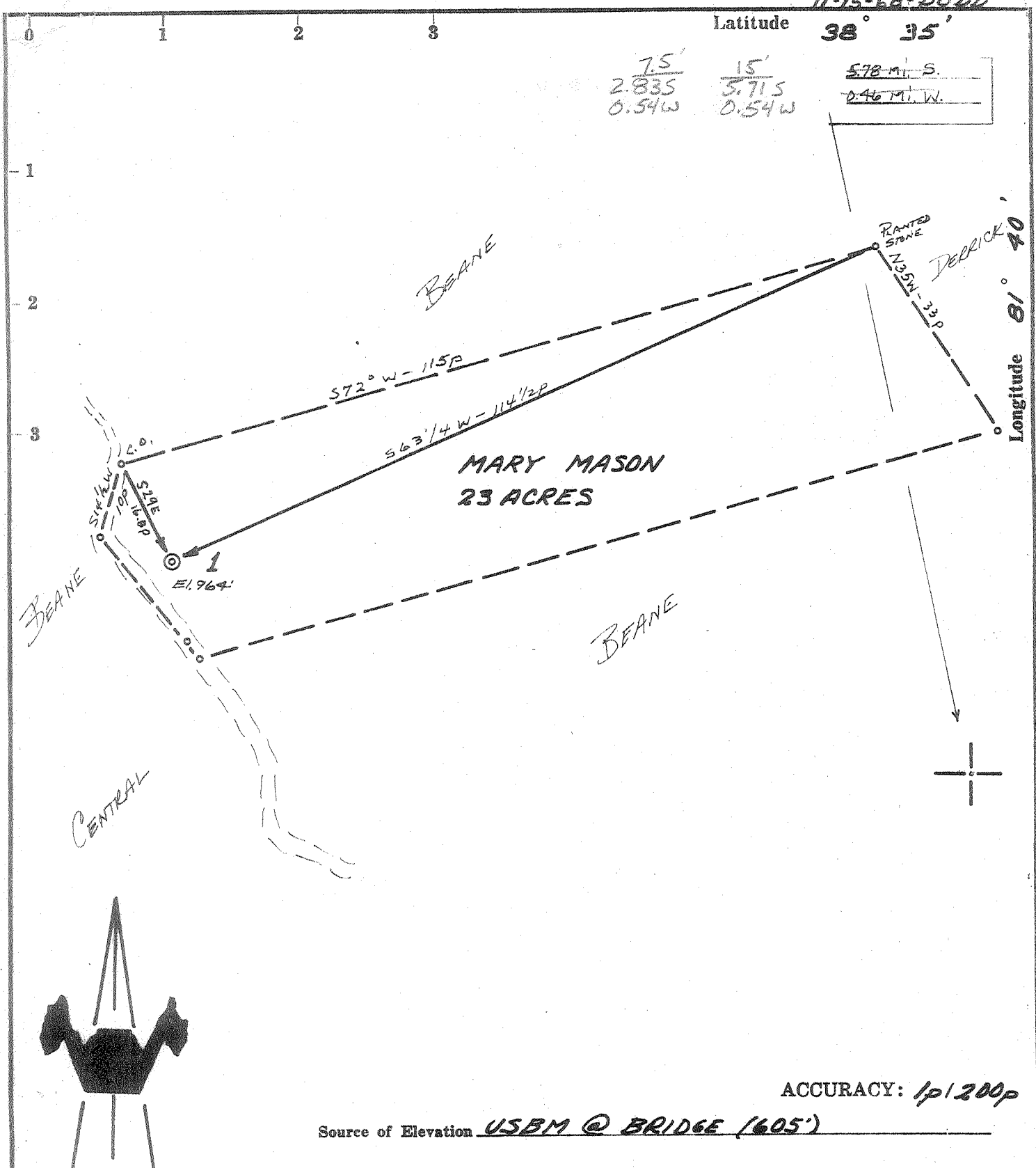


11-15-68-DODD



Latitude **38° 35'**  
 75' / 2.835 / 0.54W  
 15' / 5.715 / 0.54W  
 578 M. S.  
 0.46 M. W.

ACCURACY: 1p/200p

Source of Elevation USBM @ BRIDGE (605')

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 APPALACHIAN EXPLORATION & DEVELOPMENT, INC.  
 Address CHARLESTON, W.VA.  
 Farm MARY MASON  
 Tract 317.75UT Acres 23 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 964'  
 Quadrangle KENNA SW  
 County KANAWHA District POCA  
 Engineer CHET WATERMAN  
 Engineer's Registration No. 3788  
 File No. 62003-196 Drawing No. \_\_\_\_\_  
 Date 11/9/68 Scale 1" = 20p

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

**WELL LOCATION MAP**  
 FILE NO. KAN-2335

+ 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 NOV 26 1968  
 312



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 3

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Kenna  
Permit No. Kanawha - 2335

**WELL RECORD**

Oil or Gas Well Gas  
(KIND)

Company Appalachian Exploration & Development, Inc  
Address P.O. Box 628, Charleston, W.Va. 25322  
Farm Mary Mason Acres 317.75  
Location (waters) Pocatalico  
Well No. 1 Elev. 964  
District Poca County Kanawha  
The surface of tract is owned in fee by Arnold Mason, et al  
806 Beech Avenue Address Charleston, W.Va.  
Mineral rights are owned by Arnold Mason, et al  
806 Beech Avenue Address Charleston, W.Va.  
Drilling commenced November 21, 1968  
Drilling completed December 12, 1968  
Date Shot None From          To           
With           
Open Flow          /10ths Water in          Inch  
         /10ths Merc. in          Inch  
Volume 20,000 Mcf Cu. Ft.  
Rock Pressure 1518 lbs. hrs.  
Oil None bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS)           
WELL FRACTURED (DETAILS) 1000 gallons acid, 25,000# sand, 696 barrels water.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>None</u>
16			
13-3/8	68	68	Size of <u>None</u>
10			Depth set <u>None</u>
8 9-5/8	2079	2079	Perf. top <u>None</u>
8 7	5775	5775	Perf. bottom <u>        </u>
5 3/16			Perf. top <u>        </u>
4 1/2			Perf. bottom <u>        </u>
3			
2	5792	5792	
Liners Used			

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

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 60 Mmcf 60,000.000 60,000 Mmcf  
ROCK PRESSURE AFTER TREATMENT HOURS  
Fresh Water None Feet Salt Water Feet  
Producing Sand Newburg Depth 5796 - 5806

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil		Soft	0	12			
Red rock		"	12	32			
Sand		"	32	68			
Sand & shale		"	68	125			
Red rock		"	125	142			
Shale		"	142	225	5796	5796	
Red rock		"	225	270	964	5030	
Shale & sand		"	270	370			
Sand & shale		"	370	480	4832	766	
Sand		"	480	488			
Shale		"	488	535			
Sand		"	535	620			
Shale		"	620	640			
Sand		"	640	690			
Shale		"	690	705			
Sandy shale		"	705	875			
Sand		"	875	895			
Sand & shale		"	895	930			
Shale		"	930	1215			
Sand		"	1215	1795			
Lime		"	1795	1946			
Sand		"	1946	2022			
Shale		"	2022	4934			
Lime		"	4934	5030			
Sand	<u>Oriskany</u>	"	5030	5090			
Lime		"	5090	5796			
Newburg sandstone		"	5796	5806			
Lime	<u>McKenzie</u>	"	5806	5830			



