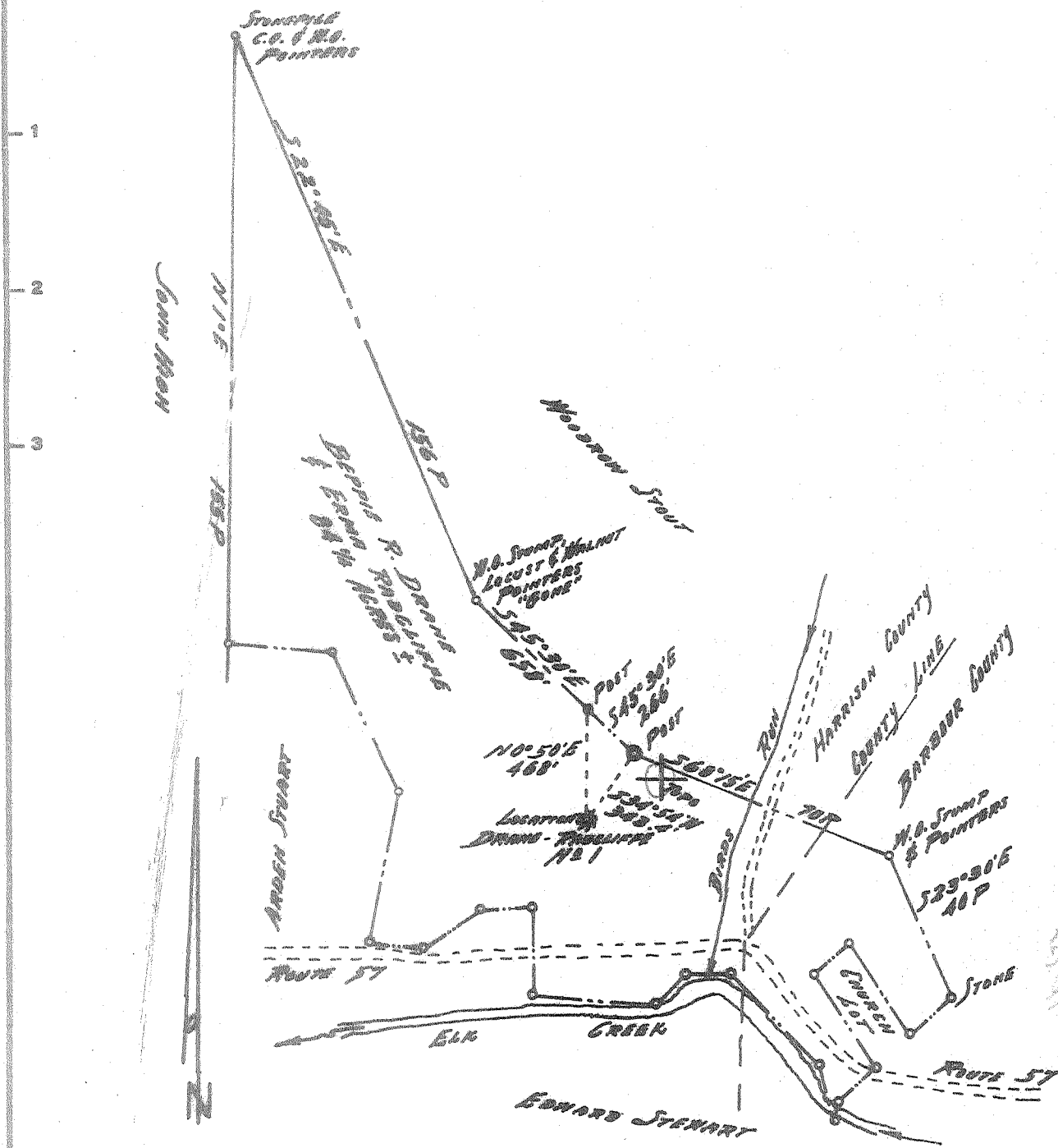


LATITUDE 39° 15'

LONGITUDE 80° 10'



Minimum Error of Closure  $\frac{1}{2,000}$

Source of Elevation IRON BRIDGE KING ELK CREEK ON WARD FARM, 1/2 MI. WEST OF LOCATION

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.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Signed: Paul S. Dean

Map No.

Squares: N S E W

Company HOMER QUEEN, d/b/a QUEEN GAS CO.  
 Address Box 506, BERNARDINA, W.Va. 26201  
 Farm BEPPIE R. DRUGGS & EDNA RUGGLIFFE  
 Tract 1 Acres 84 1/2 Lease No. \_\_\_\_\_  
 Well (Farm) No. ONE Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1090  
 Quadrangle PHILIPPI  
 County HARRISON District ELK  
 Engineer Paul S. Dean  
 Engineer's Registration No. 1856  
 File No. 136-9-26 Drawing No. 67-10  
 Date MARCH 15, 1967 Scale 1" = 40 P = 660'

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

### WELL LOCATION MAP

FILE NO. HAR-442

+ 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 Phillippi  
Permit No. HAR-442

9  
**WELL RECORD**

Oil or Gas Well GAS oil phon  
(KIND)

Company Queen Gas Company  
 Address P O Box 506, Buckhannon, W. Va.  
 Farm Beppie R. Drane & Erma Radcliffe Acres 84  
 Location (waters) Elk Creek  
 Well No. 1 Elev. 1090'  
 District Elk County Harrison  
 The surface of tract is owned in fee by Mrs. Beppie R. Drane, 306 Columbian St., Clarksburg, W. Va. & Mrs. Erma Radcliffe, 469 Washington Ave., Clarksburg, W. Va.  
 Mineral rights are owned by Same Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	17'6"	17'6"	
13	211'		
10	850'		Size of
8 1/4	1436'		
6 5/8	217'	217'	Depth set
5 3/16			
3 1/2	4316'	4316'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

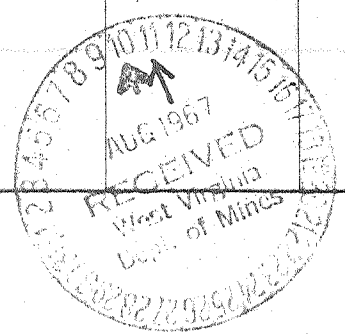
Drilling commenced April 1, 1967  
 Drilling completed July 10, 1967  
 Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow 36 /10ths Water in 1 1/2 Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume 100,000 Cu. Ft.  
 Rock Pressure 1240 lbs. hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 WELL ACIDIZED \_\_\_\_\_

CASING CEMENTED 4 1/2 SIZE 400 No. Ft. 6-30-67 Date  
 COAL WAS ENCOUNTERED AT 201 FEET 12 INCHES  
624 FEET 12 INCHES FEET INCHES  
 FEET INCHES FEET INCHES

WELL FRACTURED July 10, 1967  
 RESULT AFTER TREATMENT 422,338 CFD 422 MCF Benson  
 ROCK PRESSURE AFTER TREATMENT 1620#  
 Fresh Water 90 Feet Salt Water 658 & 802 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	38			
Red Rock			38	80			
Shale			80	125	Water	90'	
Red Rock			125	180			
Slate			180	201			
Coal			201	202			
Slate			202	220			
Red Rock			220	300			
Slate			300	345			
Broken Sand			345	370			
Shale Shells			370	428			
Sand			428	475			
Lime Gritty			475	495			
Slate Shells			495	624			
Coal			624	625			
Shale			625	645			
Sand			645	676	Salt Water	658'	
Slate Shells			676	703			
Sand			703	738			
Shale Dark			738	784			
Gritty Lime			784	800			
Sand			800	880	Salt Water	802'	Hole Full
Slate Shells			880	910			
Sand			910	920			
Shale Shells			920	995			
Sand Broken			995	1049			
Shale			1049	1075			
Sand			1075	1105			
Red Rock			1105	1115			
Shale Shells			1115	1147			

(over)



Formation	Color	Hard or Soft	Top <sup>9</sup>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Hard Rock Lime			1147	1170			
Brittly Lime			1170	1228			
Broken Sand			1228	1285			
Hard Rock			1285	1302			
Brittly Lime			1302	1314			
Hard Rock Limey			1314	1332			
late			1332	1354			
Lime			1354	1364			
shale			1364	1385			
Hard Rock			1385	1392			
Big Lime			1392	1478	Oil Show	1409'	
and Injun			1478	1505			
quaw <sup>sands</sup>			1505	1515			
Hard Rock - 365			1515	1517			
lime			1517	1540			
and			1540	1560	Gas Show	1555'	
shale Shells			1560	1780			
and			1780	1854			
shale Shells			1854	1980			
and			1980	1990			
Broken Lime			1990	2005			
Hard Shells			2005	2302			
and			2302	2335			
late Shells			2335	2354			
and			2354	2364			
shale Shells			2364	2979			
and			2979	2982	Gas Show	2979' to 2982'	
late Shells			2982	4259	Gas Show	3005'	26/10 - 3/8" W
enson			4259	4276	Gas	4259' to 4266'	36/10 - 1/8" FM
shale Shells			4276	4316			
	Total Depth		<u>4316</u>				

Date August 7, 19 67

Drane No. 1 Well  
 APPROVED Queen Gas Co., Homer Queen, Agent, Owner

By Homer Queen  
 (Title)