

Fracture

New Location

Drill Deeper

Abandonment

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.

Signed: Paul S. Dean

Map No. _____ Squares: N S E W

Company HOMER QUEEN, DBA. QUEEN GAS CO.

Address Box 506, BUCKHANNON, W.VA.

Farm WM. DENNIS WARD

Tract 344 Acres 41.91 Lease No. _____

Well (Farm) No. ONE Serial No. _____

Elevation (Spirit Level) 1090

Quadrangle PHILIPPI NW

County HARRISON District ELK

Engineer Paul S. Dean

Engineer's Registration No. 1856

File No. 126-7-50 Drawing No. 66-43

Date MAY 13, 1966 Scale 1" = 300'

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

WELL LOCATION MAP

FILE NO. HARR 425

+ 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 8

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Philippi

Permit No. HAR-425

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Queen Gas Company
 Address P O Box 506, Buckhannon, W. Va.
 Farm William Dennis Ward Acres 41.91
 Location (waters) Elk Creek
 Well No. 1 Elev. 1090'
 District Elk County Harrison
 The surface of tract is owned in fee by William Dennis Ward
 Address Rt. 1, Mt. Clare, W. Va.
 Mineral rights are owned by Same
 Address _____
 Drilling commenced May 28, 1966
 Drilling completed Sept. 21, 1966
 Date Shot _____ From _____ To _____
 With _____
 Open Flow 3 4/10ths Water in 1 1/2" Inch
 _____/10ths Merc. in _____ Inch
 Volume 102,853 Cu. Ft.
 Rock Pressure not taken lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED _____
 WELL FRACTURED Oct. 1, 1966

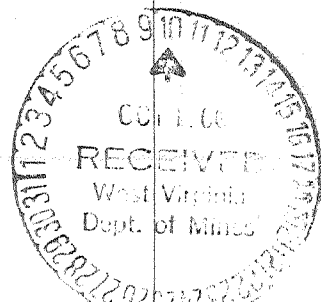
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	16'7"	16'7"	
18			
10			Size of
8 3/4	1463'	1463'	
6 3/8	1487'	0	Depth set
5 3/16			
4 1/2	4330'	4330'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE 4 1/2 No. Ft. 4330 Date _____

COAL WAS ENCOUNTERED AT 15 FEET 12 INCHES
400 FEET 12 INCHES 568 FEET 24 INCHES
625 FEET 72 INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT 6" M. - 4" 1,517,000 CU FT. Benson
 ROCK PRESSURE AFTER TREATMENT 1400# 4281 - 4289
 Fresh Water none Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	8			
Coal			8	8'6"	Water		
Shale			8'6"	15			
Coal			15	16			
Shale			16	40			
Red Rock			40	115			
Shale			115	150			
Red Rock			150	168			
Slate			168	260			
Red Rock & Shale			260	270			
Sand			270	321			
Slate			321	345			
Red Rock			345	355			
Slate			355	400			
Coal			400	401			
Sand			401	416			
Slate			416	436			
Sand			436	494			
Slate			494	568			
Coal			568	570			
Sand			570	583			
Slate			583	625			
Coal			625	631			
Slate			631	657			
Gray Sand			657	673			
Shale			673	688			
Broken Sand			688	770			
Shale			770	802			
Sand Salt			802	865			
Slate			865	900			



Formation	Color	Hard or Soft	Top ζ	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			900	940			
Slate			940	985			
Sand			985	1055			
Slate			1055	1076			
Sand			1076	1105			
Slate			1105	1119			
Red Rock			1119	1181			
Lime Gritty			1181	1206			
Red Rock			1206	1260			
Sand Broken			1260	1305			
Red Rock			1305	1355			
Slate			1355	1368			
Little Lime			1368	1382			
Slate			1382	1408			
Lime Big			1408	1498			
Sand <i>TUNJUN</i>			1498	1536	Gas	1563-1568	36/10 in 1" W
Red Rock <i>SL</i>			1536	1540			
Sand <i>ELMWOOD</i>			1540	1598			
Blue Lime			1598	1780			
Sand			1780	1905	Gas	1581'	8/10 - 1" PW
Lime Broken			1905	2048			
Red Rock Shells			2048	2317			
Sand			2317	2346			
Slate & Shells			2346	2365			
Sand			2365	2400			
Slate & Shells			2400	2666			
Lime			2666	3070	Gas	2950'-54'	20/10 - 5/8" PW
Slate & Shells			3070	3516			
Balltown Sand Limey			3516	3520			
Lime Broken			3520	3985			
Riley Sand			3985	4028			
Riley Shells			4028	4276	Gas	4278'-81'	26/10 - 1 1/2" PW
Benson Sand			4276	4294	Gas	4281'-89'	34/10 - 1 1/2" PW
Slate & Shells			4294	4330			
Total Depth			4330				

Date October 7, 1966

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

By Homer Queen
 (Title)