



"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."

By Paul H. Dean

New Location
 Drill Deeper
 Abandonment

NO COAL BEING WORKED, MINIMUM ERROR OF CLOSURE 1/20,000

Company HOMER QUEEN-DBA. QUEEN GAS CO.
 Address Box 506, BUCKHANNON, W. VA.
 Farm C. E. & TRESSIE HOCKENBERRY
 Tract 1 & 2 Acres 116.95± Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1585
 Quadrangle CRAWFORD - NE
 County UPSHUR District BUCKHANNON
 Engineer Paul H. Dean
 Engineer's Registration No. 1856
 File No. 136-5-9 Drawing No. 64-18
 Date APRIL 20, 1964 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. UPS-840

+ 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 24

Quadrangle Crawford

Permit No. UPS 840

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Queen Gas Company
Address P O Box 506, Buckhannon, W. Va.
Farm C. E & Tressie H. Hockenberry Acres 117
Location (waters) Cutright Run
Well No. 1 Elev. 1585'
District Buckhannon County Upshur
The surface of tract is owned in fee by C. E. and Tressie H. Hockenberry Address Rt. 3, Buckhannon
Mineral rights are owned by same Address same
Drilling commenced May 18, 1964
Drilling completed July 24, 1964
Date Shot NONE From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 183,294 Riley 51,603 Benson Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	13'	13'	Kind of Packer
18			
10	545'	()	Size of
8 3/4	711'	711'	
6 3/4			Depth set
5 3/16			
4 1/2	4224'	4224'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

WELL FRACTURED July 31, 1964:

RESULT AFTER TREATMENT No test taken

ROCK PRESSURE AFTER TREATMENT 1390# in 66 hrs

Fresh Water 132' to 162' Feet Salt Water _____ Feet

CASING CEMENTED 4 1/2" SIZE No. Ft. 7/25/64 Date
158 sacks Cement 12 sacks Gel Garator Service
COAL WAS ENCOUNTERED AT 427-429 FEET INCHES
497-501 FEET INCHES 575-578 FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	30			
Red Rock			30	85			
Gray Shale			85	132			
Sand			132	162	Water		2 Bailers p.c.
Slate			162	177			
Red Rock			177	195			
Gray Shale			195	300			
Sand			300	341			
Gray Shale			341	380			
Sand			380	427			
Coal			427	429			
Slate			429	497			
Coal			497	501			
Slate			501	575			
Coal			575	578			
Slate			578	585			
Sand			585	611			
Slate & Shells			611	749			
Lime			749	820			
Sand			820	842			
Slate			842	853			
Sand			853	878			
Slate			878	900			
Sand			900	923			
Slate			923	929			
Slate & Shells			929	1117			
Gritty Lime			1117	1138			
Sand			1138	1198			
Slate			1198	1200			
Red Rock			1200	1236			

183,294
51,603
234,897



Formation	Color	Hard or Soft	Top 24	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock & Lime Shells			1236	1405			
Slate & Lime			1405	1480	Gas & Black	1459'	
Lime			1480	1580	Oil		
Red Rock			1580	1587			
Lime			1587	1598			
Sand			1598	1620			
Lime			1620	1688			
Sand			1688	1779			
Slate & Shells			1779	1902			
Sand			1902	1926			
Red Rock			1926	2119			
Sand			2119	2143			
Red Rock			2143	2158			
Slate & Shells			2158	2194			
Sand			2194	2202			
Red Rock			2202	2210			
Sand			2210	2223			
Slate & Shells			2223	2440			
Slate Sandy			2440	2488			
Lime			2488	2513			
Slate			2513	2530			
Lime			2530	2600			
Slate & Shells			2600	2760			
Gritty Lime			2760	2818			
Slate & Lime Shells			2818	3016			
Sandy Shale			3016	3050			
Slate & Shells			3050	3100			
Lime Shale			3100	3336			
Sand Shale			3336	3364			
Gritty Lime			3364	3385			
Sandy Lime			3385	3450			
Shale Sand Shells			3450	3550			
Shale			3550	3800			
Brown Sandy Shale			3800	3859	Gas	3840'	10/10 in 1"
Shale & Sand Shells			3859	4189	Gas	3854'	14/10 in 2 1/2"
Benson Shells			4189	4222	Gas	192'-4200'	with H ₂ O
			4222	4227	(Benson)		51,000 cu.ft Natural
			4227 Total Depth (Driller)				
			4221 (Logging Truck)				

Date August 5, 19

Hockenberry # 1 Well

APPROVED Queen Gas Co., Homer Queen, Agent, Jw

By Homer Queen (Title)