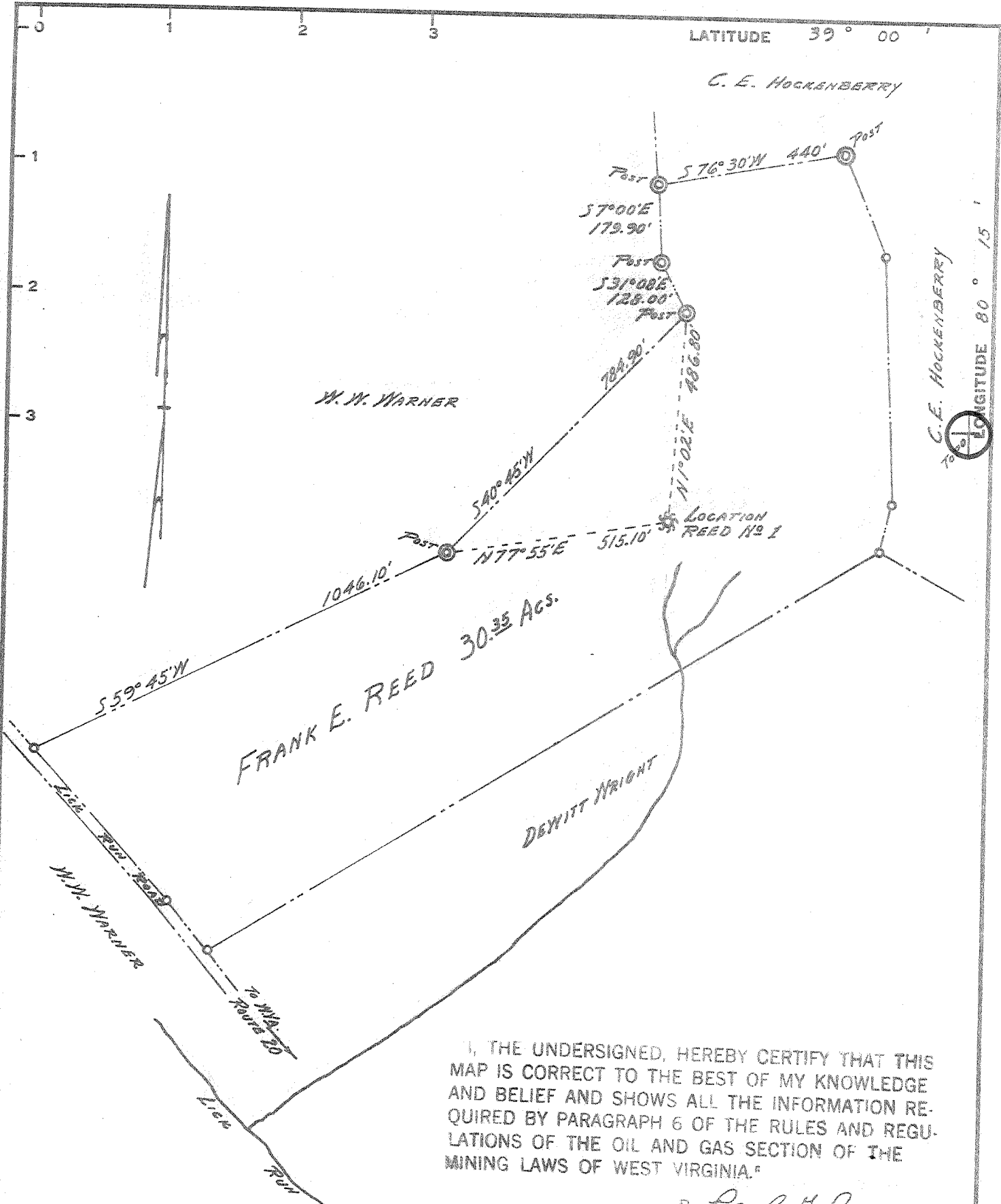


LATITUDE 39° 00'

LONGITUDE 80° 15'



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 B. Dean

New Location   
 Drill Deeper   
 Abandonment   
 Issued 10/31/74 B.M. REF. - HICKORY TREE AT OLD LICK RUN SCHOOL HOUSE 1/2 MI. S. OF LOC.  
 No COAL BEING MARKED, MINIMUM ERROR OF CLOSURE 1/10,000  
 Company Queen Gas Co.  
 Address 1638 Woodvale Dr., Charleston, W. Va.  
 Farm FRANK E. REED 25314  
 Tract 1 Acres 30.35± Lease No. \_\_\_\_\_  
 Well (Farm) No. ONE Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1545  
 Quadrangle CRANFORD NE  
 County UPSHUR District BUCKHANNON  
 Engineer Paul B. Dean  
 Engineer's Registration No. 1856  
 File No. 136-5-63 Drawing No. 65-15  
 Date MARCH 19, 1965 Scale 1" = 300'

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

**WELL LOCATION MAP**  
 FILE NO. UPS-885-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.

47-097



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION *21*

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Crawford

Permit No. Ups-885

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Queen Gas Company  
Address P O Box 506, Buckhannon, W. Va.  
Farm Frank E. Reed Acres 30.35+  
Location (waters) Lick Run  
Well No. 1 Elev. 1545'  
District Buckhannon County Upshur  
The surface of tract is owned in fee by W. W. and Orva Warner  
Address Rt. 3, Buckhannon, W. Va.  
Mineral rights are owned by Frank E. & Eva D. Reed  
Address Rt. 2, Buckhannon, W. Va.

Drilling commenced April 26, 1965  
Drilling completed July 7, 1965  
Date Shot From To  
With

Open Flow 3 1/4 /10ths Water in 2" Inch  
/10ths Merc. in. Inch

Volume 182,844 Cu. Ft.  
Rock Pressure Not Taken lbs. hrs.

Oil bbls., 1st 24 hrs.

WELL ACIDIZED

WELL FRACTURED

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT 1465

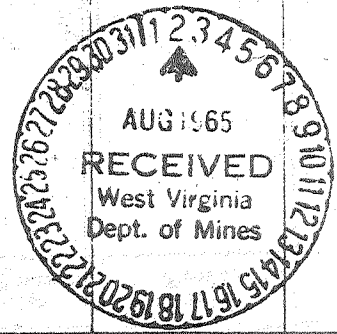
Fresh Water 25' and 95-100' Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	31'	31'	Kind of Packer
13	148' 3"	148' 3"	
10			Size of
8 1/4	1511' 8"	536'	
6 3/8	536'		Depth set
5 3/16			
4 1/2	4256'	4256'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED. SIZE 4 1/2 No. Ft. 400' Date

COAL WAS ENCOUNTERED 265-268 FEET INCHES  
430-432 FEET INCHES  
505-507 FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	50	Water	25'	
Red Peck			50	75			
Shale			75	100	Water	95-100	
Red Rock			100	118			
Gritty Lime			118	150			
Red Rock			150	185			
Shale			185	265			
Coal Show			265	268			
Shale Dark			268	280			
Shale Gray			280	323			
Sand Limey			323	335			
Shale & Shells			335	355			
Lime			355	430			
Show of Coal			430	432			
Shale & Slate			432	505			
Coal			505	507	Water	507'	
Shale Dark			507	530			
Shale Shells			530	611			
Lime			611	650			
Shale Shells			650	750			
Lime Gritty			750	765			
Slate & Shells			765	805			
Sand Shells			805	840			
Gritty Lime			840	880			
Slate & Shells			880	900			
Sand			900	923			
Slate & Lime Shells			923	1130			
Sand			1130	1165			
Slate			1165	1175			
Sand			1175	1216			



Formation	Color	Hard or Soft	Top <i>11</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Rock			1216	1238			
			1238	1262			
. & Lime Shells			1262	1270			
le Shells			1270	1300			
			1300	1337			
Shale			1337	1394			
te & Shale			1394	1431			
Shale			1431	1445			
e & Shale			1445	1464			
le Lime			1464	1470			
Lime			1470	1572			
le			1572	1580			
e Gritty			1580	1600	Show of Oil	1603-1605	
un			1600	1660			
le & Sand			1660	1670			
			1670	1720			
d Limey - <i>6 1/2</i>			1720	1832			
te & Shells			1832	1922			
y Red Rock			1922	2100			
			2100	2120			
. Sand S.			2120	2140			
te & Shells			2140	2465			
d Broken			2465	2490			
le S			2490	2538			
			2538	2560			
te Shells			2560	2582			
& Sand			2582	2610			
te Shells			2610	2710			
e Drippy			2710	2810			
te Shells			2810	3140			
e Broken			3140	3375			
te Shells			3375	3417	Show of Oil	3385'	
			3417	3420			
te Shells			3420	3750	Show of Gas	3765'	4/10 in 5/8"
d Limey - <i>"Balltown"</i>			3750	3780			
te Sand Shells			3780	4123			
son Shells			4123	4155			
te Shells			4155	4197			
son			4197	4244	Gas	4205'	42/10 in 2"
e			4244	4265			
l Depth			4265				

Date July 27, 19 65

Reed No. 1 Well

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

By

Homer Queen  
(Type)