

"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 S. Dean

New Location   
 Drill Deeper   
 Abandonment

B.M. BAR - Road Intersection At Gayles School, 1/4 Mi. S.W. of Loc.  
 MINIMUM ERROR OF CLOSURE 1/2,000

Company ROY RESOURCES CORP.  
ANN DRILLING CO.  
 630 Commerce Square, Charleston, W.Va., 25301

Address Box 26, Charleston, W.Va., 25301

Farm LEWIS MAXWELL

Tract 1 Acres 900± Lease No. \_\_\_\_\_

Well (Farm) No. 17 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 990

Quadrangle WEST UNION SE

County DODDRIDGE District CENTRAL

Engineer Paul S. Dean

Engineer's Registration No. 1856

File No. 136-7-30 Drawing No. 65-48

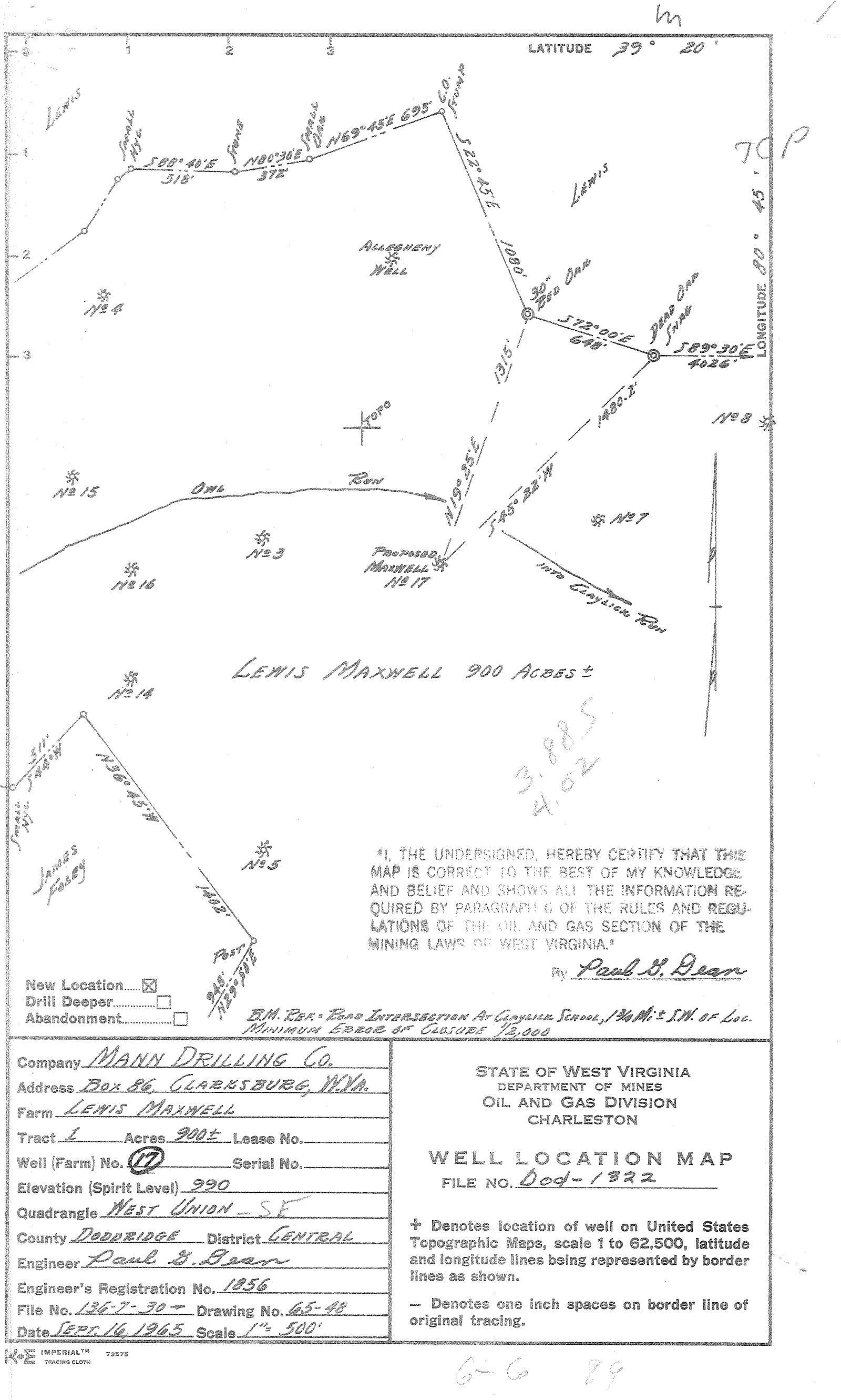
Date SEPT. 16, 1965 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. Dod-1322-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.



LEWIS MAXWELL 900 ACRES ±

3.885  
4.02

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By Paul S. Dean

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

B.M. REF. - Road Intersection At Claylick School, 1 3/4 Mi ± S.W. of Loc.  
MINIMUM ERROR OF CLOSURE 1/2,000

Company	MANN DRILLING CO.
Address	Box 86, CLARKSBURG, W.VA.
Farm	LEWIS MAXWELL
Tract	1 Acres 900± Lease No.
Well (Farm) No.	17 Serial No.
Elevation (Spirit Level)	990
Quadrangle	WEST UNION - SE
County	DODDRIDGE District CENTRAL
Engineer	Paul S. Dean
Engineer's Registration No.	1856
File No.	136-7-30 - Drawing No. 65-48
Date	SEPT. 16, 1965 Scale 1" = 500'

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

WELL LOCATION MAP  
FILE NO. Dod-1322

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage   
Oil or Gas Well  (KIND)

11-1-65  
Oil well

Quadrangle **WEST UNION**

Permit No. **DOD 1322**

**WELL RECORD**

Company **MANN DRILLING COMPANY**  
Address **Box 86, CLARKSBURG, W. VA.**  
Farm **LEWIS MAXWELL** Acres **900**  
Location (waters) **ARNOLDS CREEK**  
Well No. **17** Elev. **990'**  
District **CENTRAL** County **DODDRIDGE**  
The surface of tract is owned in fee by **LEWIS MAXWELL HEIRS**  
Address **WEST UNION**  
Mineral rights are owned by **LEWIS MAXWELL HEIRS**  
Address **WEST UNION**  
Drilling commenced **OCT. 1, 1965**  
Drilling completed **OCT. 8, 1965**  
Date Shot From To  
With  
Open Flow /10ths Water in Inch  
Volume **SHOW** /10ths Merc. in Inch  
Cu. Ft.  
Rock Pressure lbs. hrs.  
Oil **SHOW** bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
6 5/8			
5 3/16			Perf. top <b>2038'</b>
4 1/2		<b>2100'</b>	Perf. bottom <b>2052'</b>
3			Perf. top
2			Perf. bottom
Liners Used			

WELL ACIDIZED (DETAILS)  
WELL FRACTURED (DETAILS) **FRACTURED BY HALLIBURTON ON 10/13/65 WITH 22,000 LB OF SAND, 640 BBL. OF WATER SPEARHEADED WITH 500 GAL. ACID**  
RESULT AFTER TREATMENT (Initial open Flow or bbls.) **1 bbls** **50,000 cu ft gas.**  
ROCK PRESSURE AFTER TREATMENT HOURS  
Fresh Water Feet Salt Water Feet  
Producing Sand **BIG INJUN** Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
			0	1600'			
<b>SANDY SHALE</b>			1600'	1690'	<b>DRILLED BY ROTARY</b>		
<b>3RD. SALT SAND</b>			1690'	1768'			
<b>BLACK SHALE</b>			1768'	1776'			
<b>SAND</b>			1776'	1795'			
<b>SHALE</b>			1795'	1905'			
<b>LITTLE LIME</b>			1905'	1924'			
<b>PENCIL CAVE</b>			1924'	1946'			
<b>BIG LIME</b>			1946'	2006'			
<b>BIG INJUN SAND</b>			2006'	2078'			
<b>TOTAL DEPTH</b>			2078'				

10/11/65 WELL WAS LOGGED BY SAND SURVEYS INC. WITH GAMMA RAY, NEUTRON AND COLLAR.  
10/11/65 WELL WAS PERFORATED FROM 2038' TO 2046', 2050' TO 2052' WITH A TOTAL OF 12 HOLES.

