

Company MANN DRILLING CO.
 Address Box 86, CLARKSBURG, W.VA.
 Farm LEWIS MAXWELL
 Tract 1 Acres 905± Lease No. _____
 Well (Farm) No. 21(905) Serial No. _____
 Elevation (Spirit Level) 985
 Quadrangle NEST UNION SE
 County DODDRIIDGE District NEST UNION
 Engineer Paul S. Dean
 Engineer's Registration No. 1856
 File No. 136-7-39 Drawing No. 65-72
 Date Oct. 14, 1965 Scale 1" = 500

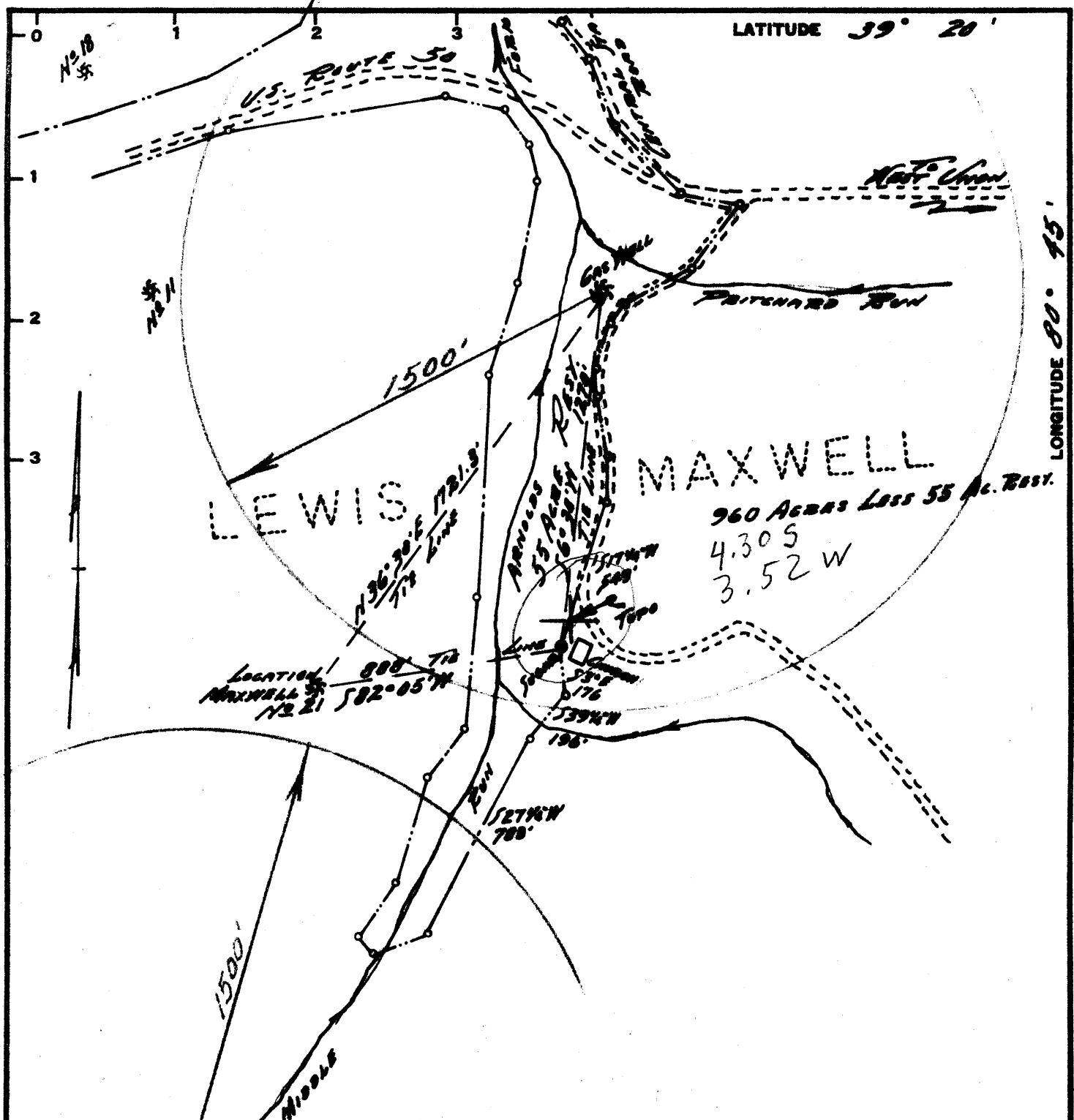
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. DOD-1332P
PERMIT TO PLUG ISSUED 4/17/67

+ 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.

M 1-1-65-45 P



"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.....

*DM. REF. = CONC. BRIDGE 1/2 MI. E. S.E. OF LOCATION
 MINIMUM ERROR OF CLOSURE 1/2,000*

Company MANN DRILLING CO.
 Address Box 86, CLARKSBURG, W.VA.
 Farm LEWIS MAXWELL
 Tract 1 Acres 905± Lease No. _____
 Well (Farm) No. (2)(905) Serial No. _____
 Elevation (Spirit Level) 985
 Quadrangle NEXT UNION - SE
 County DOODRIDGE District NEXT UNION
 Engineer Paul H. Dean
 Engineer's Registration No. 1856
 File No. 136-7-39 Drawing No. 65-72
 Date Oct. 14, 1965 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DOD-1332

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Rotary
Spudder
Cable Tools
Storage

Oil or Gas Well Oil
(KIND)

*Mrs Phillips
2-1-66
WJ*

Dry Hole ✓

Quadrangle
Permit No. Dodd-I332

Company Mann Drilling Co.
Address Box 86, Clarksburg, W. Va.
Farm Lewis Maxwell Heirs Acres. 900+
Location (waters) Arnold Creek
Well No. 2I Elev. 985'
District Central County Doddridge
The surface of tract is owned in fee by
Address
Mineral rights are owned by Lewis Maxwell Estate
Box 1508 Address Clarksburg, W. Va.
Drilling commenced 10-30-65
Drilling completed 11-9-65
Date Shot From To
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 3/4			Depth set
5 3/16			
4 1/2	2225'	2225'	
3			Perf. top <u>2117-21</u>
2			Perf. bottom
Liners Used			Perf. top <u>2141-47</u>
			Perf. bottom

Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Unknown Cu. Ft.
Rock Pressure Unknown lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 850BBL., 22000LB. Sand, 500Gals. Acid

Attach copy of cementing record.
CASING CEMENTED Yes SIZE 4 1/2 No. Ft. 2225' Date
Amount of cement used (bags) 75 Bags Pozmix
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT None FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) No Comm. Show *complete*
ROCK PRESSURE AFTER TREATMENT HOURS
Fresh Water Feet Salt Water Feet
Producing Sand Depth

Dry Hole

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Drilled With Rotary							
<u>Big Lime</u>			2022	2084			
<u>Big Injun</u>			2084	2160			
<u>Shale</u>			2160	2225			
Total Depth			2225				
Well Was Log By Sand Surveys 11-9-65 App. 500' Fill Up On Cement 1725'							
Please hold this bond up, we will plug this well in in the summer, or when the weather is fit							



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

NAME COAL OPERATOR OR OWNER	A.A. Pursley dba: Pursley's Pulling & Well Service
ADDRESS	Box 51, Lorey, West Virginia
COAL OPERATOR OR OWNER	May 23 1967
ADDRESS	WELL AND LOCATION
LEASE OR PROPERTY OWNER	Central District
ADDRESS	Doddridge County
Clarksburg, West Virginia	Well No. 21
ADDRESS	Lewis Maxwell Heirs Farm
STATE INSPECTOR SUPERVISING PLUGGING	William Blosser

AFFIDAVIT

STATE OF WEST VIRGINIA,

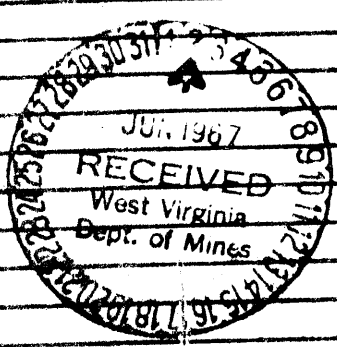
County of Jackson

Eugene Pursley

and A.A. Pursley

being first duly sworn according to law, depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Pursley's Pulling & Well Service well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 18 day of May, 1967, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			ODD PULLER	ODD LEFT IN
	Cement & Bentonite (Mid) gel.	15' 10'	4 1/2 1740'	4 1/2 485'
	Geled hole before starting job.			
	Set cement plugs at the following lag depths.			
	1740'			
	1490'			
	1210'			
	940'			
	570'			
	480'			
	All plugs displaced with gel.			
COAL BEAMS (NAME) (NAME) (NAME) (NAME)				
			DESCRIPTION OF MONUMENT Pipe placed in cement and marker placed on.	



and that the work of plugging and filling said well was completed on the 23 day of May, 1967

And further deponents saith not.

Sworn to and subscribed before me this 23 day of May, 1967

My commission expires:
March 22 1970

Eugene Pursley
A.A. Pursley
Jean Pursley
Notary Public.
Permit No. Dodd-1338-7