

- Fracture.....
- Redrill.....
- New Location.....
- Drill Deeper.....
- Abandonment..... **8-7-8-74**

Source of Elevation WELL 1660 ELEV. 1012'

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.

Minimum accuracy, one part in 200

Company: Big D Industrial Equipment, Inc.  
 Address: 414 Union Trust Building  
Parkersburg, W. Va. 26101  
 Farm: W. B. MAXWELL  
 Tract: \_\_\_\_\_ Acres 225 Lease No. \_\_\_\_\_  
 Well (Farm) No. 4 Serial No. 1-Adkins  
 Elevation (Spirit Level) 1226'  
 Quadrangle HOLBROOK NE4' EC  
 County DODDRIDGE District SOUTHWEST  
 Engineer R. S. McMillan  
 Engineer's Registration No. L.L.S. 105  
 File No. 220/3 Drawing No. \_\_\_\_\_  
 Date 6-26-71 Scale 1" = 500'

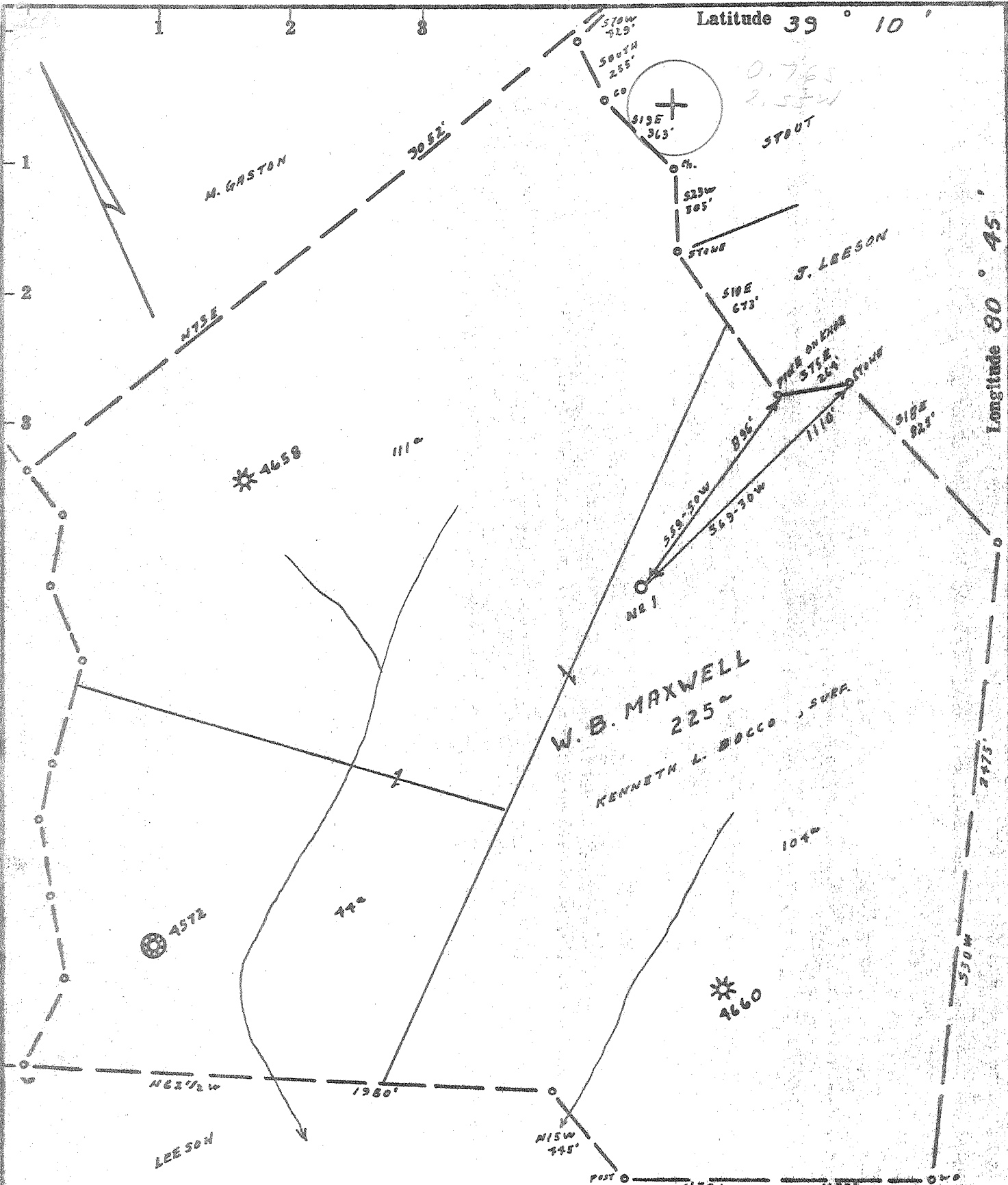
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. DOD-1623-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.

AUG 2 1974



- Fracture....
- Redrill.....
- New Location
- Drill Deeper.....
- Abandonment.....

Source of Elevation WELL 9660 ELP. 1012'

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.

Minimum accuracy, one part in 200

Company JOHN R. WARREN dba. WARREN DRILL CO.  
 Address OKLAHOMA CITY, OKLAHOMA 73112  
 Farm W. B. MAXWELL  
 Tract \_\_\_\_\_ Acres 225 Lease No. \_\_\_\_\_  
 Well (Farm) No. 4 Serial No. 1-Adams  
 Elevation (Spirit Level) 1226'  
 Quadrangle HOLBROOK NE4' EC  
 County DODDRIDGE District SOUTHWEST  
 Engineer R. J. McMillan  
 Engineer's Registration No. L. I. S. 105  
 File No. 220/3 Drawing No. \_\_\_\_\_  
 Date 6-26-71 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. DOD-1623

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SEP 20 1971

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

Rotary   
Spudder   
Cable Tools   
Storage  NO. 1.  
Oil or Gas Well  **Oil & Gas** NO. 1.  
(KIND)

WELL RECORD

Quadrangle Holbrook NE  
Permit No. DODD- 1623

Company John R. Warren dba Warren Drilling Co.  
Address 1215 United Founders Tower  
Oklahoma City, Okla. 73112  
Farm W.B. Maxwell (ADAMS) Acres 225  
Location (waters) Mid Fork of Hughes River  
Well No. 4 (#1 Adams) Elev. 1226'  
District Southwest County Doddridge  
The surface of tract is owned in fee by Kennith L. Bocco  
Address Nutter Fork, W.va.  
Mineral rights are owned by W.B. Maxwell Hrs.  
Address West Union, W.Va.  
Drilling commenced 7/10/71  
Drilling completed 8/8/71  
Date Shot From To

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	30'	30'	
13			
10	245'	245'	Cemented to surface
8 3/4	1164'		
6 3/4			Depth set 2145'
5 3/16			cast iron
4 1/2	2692'	2692'	
3			Perf. top 2029'
2			Perf. bottom 2079'
Liners Used			Perf. top 2654-56'
			Perf. bottom

Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume Cu. Ft.  
Rock Pressure lbs. hrs.  
Oil bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) Gordon: 500 gals. R.HF acid FEET INCHES FEET INCHES  
100 Bbls. water. Final Pres. 34 psi in 36 hrs. FEET INCHES FEET INCHES  
WELL FRACTURED (DETAILS) Injun: 660 Bbls water, 27000 # 20-40 sand, 28B/M at 2123 psi  
1,050,000 J. Boco  
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1,050 mcf 5-8 Bbls. oil/day  
ROCK PRESSURE AFTER TREATMENT 310 psi HOURS 36  
Fresh Water 205' Feet Salt Water Feet  
Producing Sand Big Injun + Gordon Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
clay			0	5			
red rock			5	25			
sand	yellow		25	60			
slate	gray		60	75			
slate	black		75	85			
slate			85	118			
red rock			118	140			
slate&shells			140	150			
sand	yellow		150	165			
red rock			165	195			
slate&shells			195	220			
sand			220	232			
slate&shells			232	240			
red rock			240	330			
slate&shells			330	345			
red rock			345	435			
sand			435	490			
slate&shells			490	514			
sand			514	520			
slate&shells			520	545			
red rock, slate			545	700			
slate&shells			700	810			
sand			810	850			
slate&shells			850	940			
red rock, slate			940	1157			
sand			1157	1170			
slate&shells			1170	1220			
sand			1220	1255	over		

(over)

SEP 28 1971

Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
slate&shells			1255	1265			
sand			1265	1320			
slate&shells			1320	1330			
sand			1330	1365			
slate&shells			1365	1610			
sand			1610	1680	gas	1660-75'	2nd Salt Sand
slate			1680	1750			
sand			1750	1812			
slate& shells			1812	1900			Maxon
lime			1900	1939			
lime			1939	2010	oil show	(1949')	Little Lime
sand			2010	2085	gas show	2045-52'	Big Lime
slate			2085	2220	oil&gas	2070-80	Big Injun
sand			2220	2395	oil show	2228	
slate, shells gritty			2395	2640			Gantz, Weir
sand			2640	2646	gas show	2640-46'	
slate			2646	2700			Gordons
D			2700'				
<p>Tested Gordon by perforating 10 shots from 2654'-56 and treated with 500 gals acid. Test was 5 mcf with 34 psi in three days. of swabbing and bailing. Plugged back with gel and cast iron plug at 2145'.</p>							

Date 9/17/71, 19

APPROVED Warren Drilling Comapny, Owner

By   
Consultant (Title)

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

RECEIVED

JUN 5 1980

AFFIDAVIT OF PLUGGING AND FILLING WELL OIL & GAS DIVISION

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.

DEPT. OF MINES

COAL OPERATOR OR OWNER Big "D" Industrial Equipment, Inc.  
NAME OF WELL OPERATOR

ADDRESS 419 Union Trust Building, Parkersburg, WV  
COMPLETE ADDRESS

COAL OPERATOR OR OWNER May 9, 1980 19  
WELL AND LOCATION

ADDRESS Southwest District

LEASE OR PROPERTY OWNER Doddridge County

ADDRESS Well No. Four

W.B. Maxwell Farm

STATE INSPECTOR SUPERVISING PLUGGING Paul Garrett

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Ed Clark } ss:

Ed Clark

and

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 Big "D" Industrial Equipment, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 18 day of September, 19 74, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
2079-1959	Cement			
1959-1406	Gel			
1406-1376	Cement			
1376-335	Gel			
335-245	Cement			
245-20	Gel			
20-Surface	Cement			
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME)		As per Rule 2:14		
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 20 day of September, 19 74.

And further deponents saith not.

*Ed Clark*

Sworn to and subscribed before me this 2nd day of June, 19 80.

My commission expires:

5-18-86

*Robert G. French*  
Notary Public.

Permit No. DODD-1623-p

017