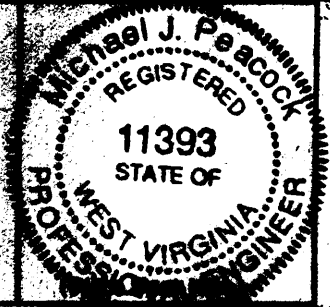


(+) DENOTES LOCATION OF POINTS ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING THE \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF  
 ACCURACY 1 in 5000  
 PROVEN SOURCE OF  
 ELEVATION Company Survey

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

(Signed) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. \_\_\_\_\_



**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
**OIL AND GAS DIVISION**



DATE September 20, 1979  
 OPERATOR'S WELL NO. 4820 Co. #  
 API WELL NO. 47 051 00524-P

WELL TYPE: OIL SEX EX SECTION WASTE DISPOSAL STATE COUNTY PERMIT  
 DRY HOLE (P) PRODUCTION STORAGE DEEP SHALLOW ABANDONED  
 LOCATION: ELEVATION 1176.5' WATERSHED Turkey Run  
 DISTRICT Sand Hill COUNTY Marshall  
 QUADRANGLE Hicksville  
 SURFACE OWNER Frezza & Demarco ACRES 138  
 OIL & GAS ROYALTY 138 LEASE ACREAGE 138

PROPOSED WORK: DRILL DEEPER REDRILL FRACTURE OR  
 REPERFORATE OLD FORMATION PERFORATE NEW  
 FORMATION PHYSICAL CHANGE IN WELL (Specify) Plug Well

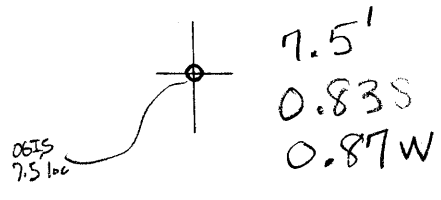
PLUG AND ABANDON AND REPLUG  
 ESTIMATED DEPTH \_\_\_\_\_  
 WELL OWNER Commission Co. DESIGNATED AGENT C. Bert Shetek, Jr.  
 ADDRESS P.O. Box 1273 Charleston, WV 25325 ADDRESS R.D. #4 Box 425 Moundsville, WV 26041

Marshall COUNTY NAME PERMIT

LATITUDE 40°00'

80°32'30"

LONGITUDE



7.5 OGIS topo location

7.5' loc	<u>0.83S</u>	15' loc	<u>2.73S</u>
	<u>0.87W</u>	(calc.)	<u>3.06W</u>

Company C. E. Dague + F. Ebeling

Farm C. W. Dague

Quad Majorsville 7.5' Cameron NE

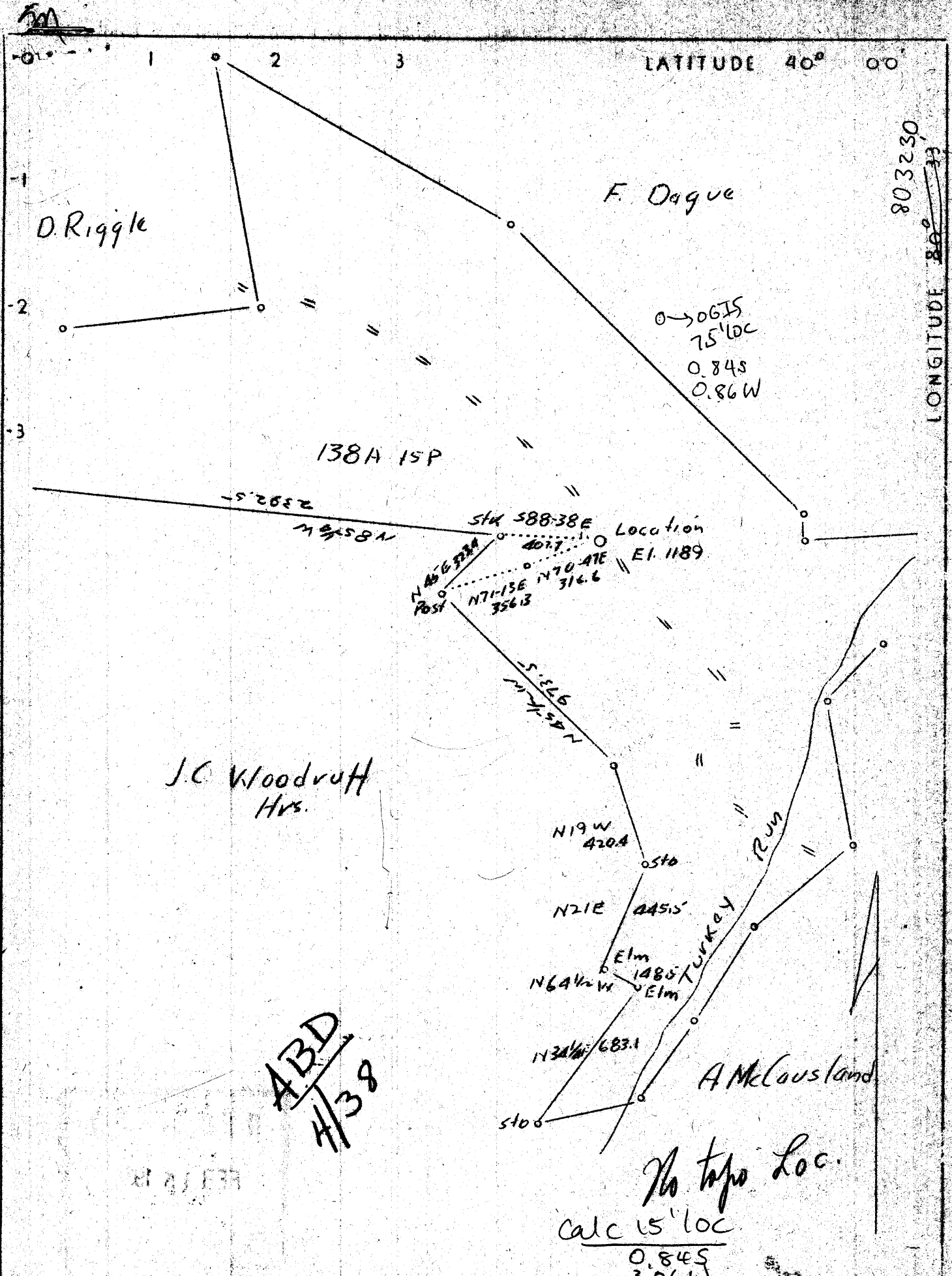
County Marshall

District Sand Hill

WELL LOCATION MAP

File No. 051-91

Now: 524 Redhill



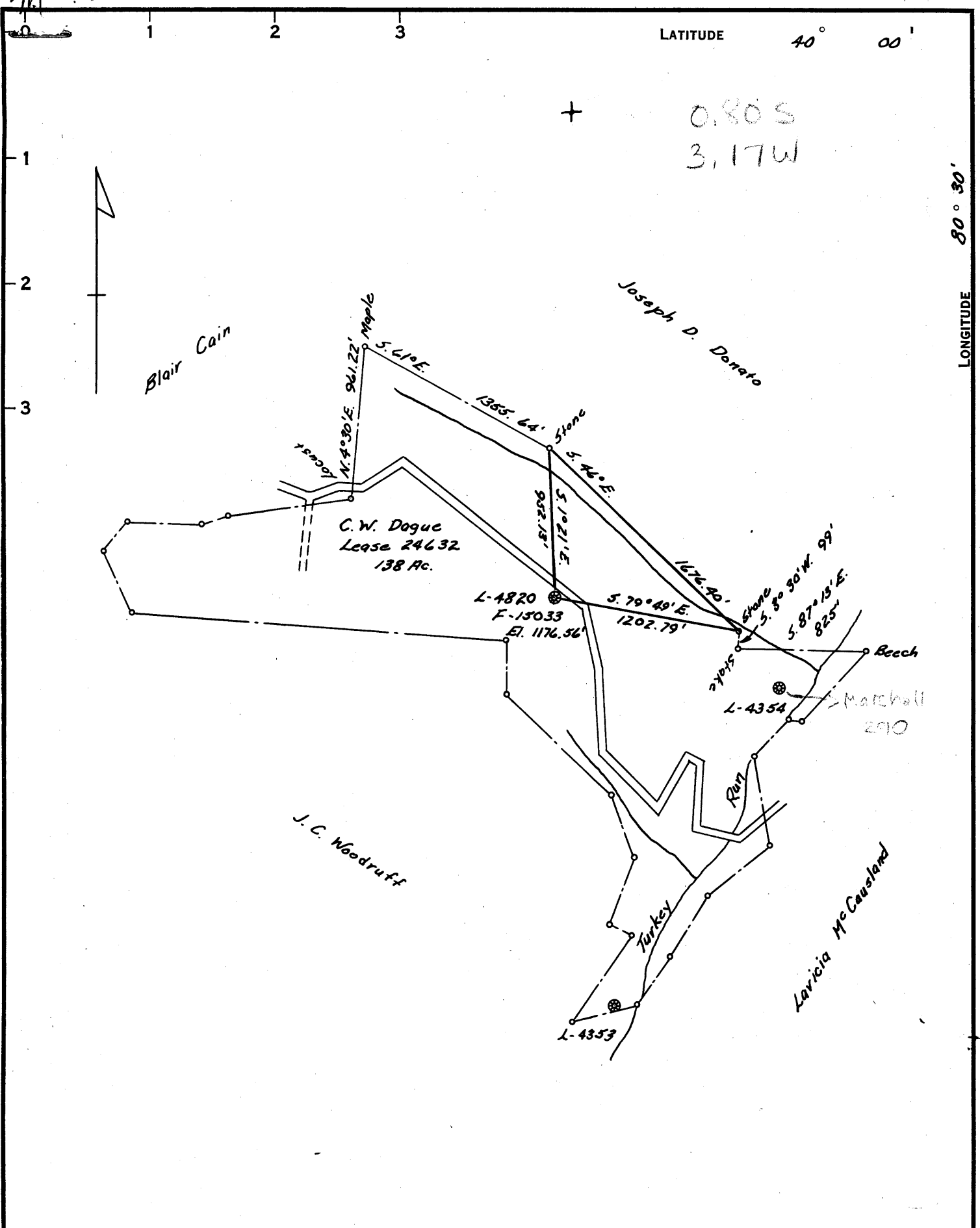
Company	C.E. Dague & F. Ebeling		
Address	Elm Grove, W.Va.		
Farm	C.W. Dague		
Tract	Acres 188	Lease No.	1
Well No.	1	Serial No.	
Quadrangle	NE Cameron <i>Waysville</i>		
County	Marshall		
District	Sand Hill		
Engineer	J. C. Boyd		
Engineer's Registration No.	917		
File No.	Drawing No.		
Date	Jan. 6, 1938		
	Scale 1"=500'		

STATE OF WEST VIRGINIA  
 Department of Mines  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 File No. **MARS-91**  
 Now: 52A Redrill

+ 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.



LATITUDE 40° 00'

LONGITUDE 80° 30'

0.80 S  
3.17 W

COAL OWNED BY Manor Real Estate Company etal

- NEW LOCATION
- RECONDITION for Storage
- DRILL DEEPER
- ABANDONMENT

"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 degree of accuracy is one part in 200

Signed Robert A. Heill ACS

COMPANY	<u>The Manufacturers Light And Heat Company</u>		
ADDRESS	<u>800 Union Trust Bldg. Pittsburgh, Pa.</u>		
FARM	<u>C.W. Dague</u>		
MAP	<u>0-2514</u>	ACRES	<u>138</u>
		LEASE NO.	<u>24632</u>
WELL (FARM) NO.	<u>4</u>	SERIAL NO.	<u>L-4820</u>
ELEVATION (SPIRIT LEVEL)	<u>1176.56'</u>		
QUADRANGLE	<u>Cameron - NE 15'</u>		
COUNTY	<u>Marshall</u>	DISTRICT	<u>Sandhill</u>
POINT OF PROVEN ELEVATION	<u>Stone Church Road Intersection at Dallas</u>		
FILE NO.		DRAWING NO.	<u>4-25-886</u>
DATE	<u>April 6, 1964</u>	SCALE	<u>1"=800'</u>

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON  
WELL LOCATION MAP

FILE NO. MARS-524-R  
(was Marshall 91)

+ 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.

95.0 0 (000)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Delayed*  
*Day*

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Quadrangle Cameron

Permit No. MARS-524-R

Company <u>The Manufacturers Light &amp; Heat Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>800 Union Trust Building, Pittsburgh, Pa. 15219</u>	Size			
Farm <u>C. W. Dague</u> Acres <u>138</u>	16			Kind of Packer
Location (waters)	18			
Well No. <u>4820</u> Elev. <u>1176.56 G.L.</u>	10			Size of
District <u>Sandhill</u> County <u>Marshall</u>	<u>8 5/8"</u> <u>698'</u>	<u>698'</u>		Depth set
The surface of tract is owned in fee by	<u>6 7/8"</u> <u>1186'</u>	<u>456'</u>		
Address	<u>5 3/16"</u>			Perf. top
Mineral rights are owned by	<u>2"</u>			Perf. bottom
Address	<u>2"</u>			Perf. top
Drilling commenced <u>June 10, 1964</u>	Liners Used			Perf. bottom
Drilling completed <u>September 21, 1964</u>				
Date Shot <u>9/18/64</u> From <u>1383</u> To <u>1528</u>				
With <u>Orifice Well Tester</u>				

Open Flow 2/10ths Water in 1/4 Inch  
/10ths Merc. in \_\_\_\_\_ Inch

Volume 789 Cu. Ft.

Rock Pressure 6 lbs. 48 hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

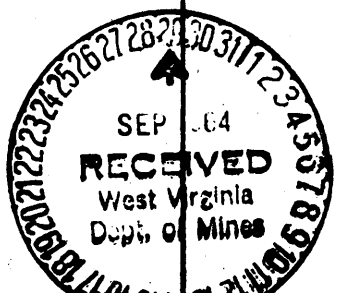
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 672 FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal		Thickness 5	672	677			
Sand		26	904	930			
Big Dunkard		15	1181	1196			
Gas Sand		39	1281	1320			
1st & 2nd Salt Sands		145	1383	1528			Temperature survey did not indicate specific zone of production.
3rd Salt Sand		20	1549	1569	<u>1569</u> <u>1177</u> <u>392</u>	<u>1177</u> <u>672</u> <u>4505</u>	
Redrilled to original depth of 1569'.							
TOTAL DEPTH			1569				



WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. Mars-91

Oil or Gas Well Dry hole  
(Kind)

Company C. E. Dague and Frank A. Ebeling  
 Address Elm Grove, West Virginia  
 Farm C. W. Dague Acres 138  
 Location (waters) Turkey Run  
 Well No. 1 Elev. 1189  
 District Sand Hill County Marshall  
 The surface of tract is owned in fee by C. W. Dague  
 R D 1 Dallas W. Va.  
 Mineral rights are owned by C. W. Dague  
 same Address  
 Drilling commenced Feb. 18, 1938  
 Drilling completed March 25, 1938  
 Date shot April 4, 1938 Depth of shot 1558  
 Open Flow /10ths Water in. Inch  
 /10ths Merc. in. Inch  
 Volume Not enough to test Cu. Ft.  
 Rock Pressure lbs. hrs.  
 Oil none bbls., 1st 24 hrs.  
 Fresh water 40 ft. feet 671 feet  
 Salt water no feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.			Kind of Packer
13.			
10.			Size of
8 1/4	710' 5"		
6 5/8	1205'		Depth set
5 3/16			
3.			Perf. top
2.			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. FT. Date  
 COAL WAS ENCOUNTERED AT 568 FEET INCHES  
 665 FEET INCHES FEET INCHES  
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Conductor			0 -	13			
Lime	gray	hard	13	18			
lime shells	white	soft	18	278	water	40 ft.	
lime	gray	hard	278	563			
shale	black	soft	563	568			
maple town coal	black	soft	568	571			
shale	white	soft	571	590			
lime	gray	hard	590	655			
shale	black	soft	655	665			
gh coal	"	soft	665	671	water	671	
shale	white	"	671	704			
lime	"	hard	704	740			
red rock	"	soft	740	750			
lime	"	hard	750	775			
red rock	"	soft	775	860			
shale	gray	"	860	918			
little							
unkard sand	"	soft	918	938			
ed rock	"	"	938	975			
ime shells	white	hard	975	1071			
hale	black	soft	1071	1085			
ig Dunkard							
and	gray	soft	1085	1260			
hale	"	"	1260	1275			
as sand	"	"	1275	1325			
shale	black	"	1325	1335			
andy lime	gray	hard	1335	1345			
hale	white	soft	1345	1372			
first salt							
sand	gray	soft	1372	1423			
shale	black	"	1423	1440			
and (stray)	gray	"	1440	1451			
shale	black	"	1451	1459			
2nd salt sand	gray	"	1459	1503			
shells	"	hard	1503	1541			
Maxon sand	"	s oft	1541	1566	gas	1557 1/2	very light
Total depth				1566			



Called Mr. Compton  
 about this well he  
 says it was plugged  
 4/21/38

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, 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.

Consolidation Coal Company  
Coal Operator or Owner  
450 Racetrack Road, Washington, Pa. 15301  
Address

Coal Operator or Owner  
Address  
C. W. Dague  
Lease or Property Owner  
Address

Consolidation Coal Company  
Name of Well Operator  
450 Racetrack Road, Washington, Pa. 15301  
Complete Address

November 20, 19 95  
WELL AND LOCATION  
Sandhill District  
Marshall County  
WELL NO. MARS #524

C. W. Dague Farm

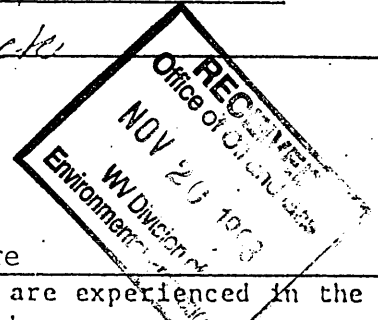
STATE INSPECTOR SUPERVISING PLUGGING

*Randal Mick*

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Harrison

ss:



G. Andrew Lang and George R. Gore  
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 Consolidation Coal Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of November, 19 95, 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
Cleaned out wellbore with 6 1/2" bit to 940'. Cleaned out from 730' to 940' through previously cemented plug. 8 5/8" casing cemented in, cannot pull. Sectioned milled 8 5/8" casing from 670' thru Pittsburgh coal seam to 695'. Cemented hole from 940' back to surface solid using 80 sacks of thixotropic cement and 206 sacks of poz mix as follows: Sent cement plug from 940' to 540' with thixotropic cement. Sent cement plug from 540' to surface with poz mix. Cement did circulate. Used 2,000 gallons of mud flush.		8 5/8"	-0-	704'
TOTAL SOLID CEMENT PLUG:	940 feet			
Coal Seams				
(Name) Pittsburgh	678 feet to 685 feet			
(Name)		Engraved steel plaque stating: Consolidation		
(Name)		Coal Co. Well #524		
(Name)		Permit # 47-051-00524-P		

and that the work of plugging and filling said well was completed on the 9th day of November, 19 95.

And further deponents said not.  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
Sworn to and subscribed before me this 20th day of November, 19 95.  
My commission expires June 29, 1999

*George R. Gore*  
*Charlotte Heater*  
Notary Public  
DEC 21 1995  
47-051-00524-P

MARS 0524P