

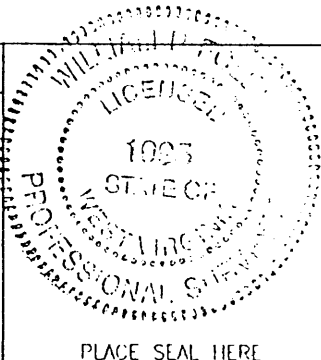
LATITUDE 40°00'00"
LONGITUDE 80°30'00"

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

FILE NO. SHOE 4070
 DRAWING NO. SHOE 4070
 SCALE 1" = 600'
 MINIMUM DEGREE OF ACCURACY 1 IN 2,500
 PROVEN SOURCE OF ELEVATION U.S.G.S. MONUMENT BLOOM 1,400'

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) *William P. Foley*
 WILLIAM P. FOLEY
 R.P.C.E. #4449 P.S. #1095



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 25143-2506

BLUE MOUNTAIN ENGINEERING
 58 WADESTOWN PIKE
 BURTON, WV 26562
 PHONE: (304) 662-6486

DATE DECEMBER 9, 1998
 OPERATOR'S WELL NO. SHOEMAKER #08
 API WELL NO. 47 - 051 - 00215

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE X DEEP ___ SHALLOW X ABANDONED ___

LOCATION: ELEVATION 1,219.82' WATER SHED UNNAMED TRIBUTARY TO WHEELING CREEK
 DISTRICT SAND HILL COUNTY MARSHALL
 QUADRANGLE MAJORSVILLE WV 7.5'

SURFACE OWNER CARL W. GROPPE, Jr. ACREAGE 120 ±
 OIL & GAS ROYALTY OWNER CONSOLIDATION COAL COMPANY LEASE ACREAGE 120 ±
 LEASE NO. 19452

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULANT ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

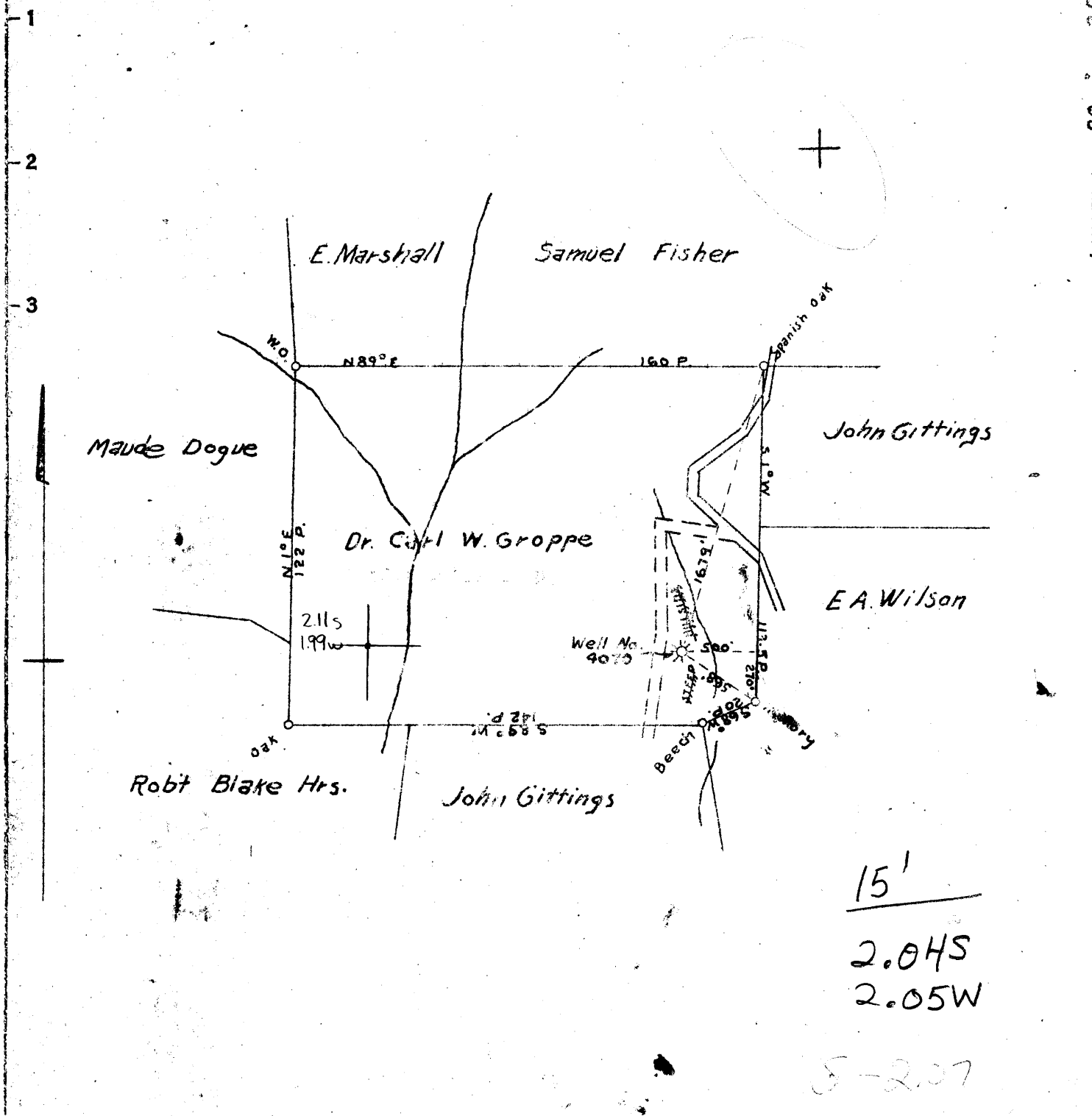
PLUG AND ABANDON X CLEAN OUT AND REPLUG ___

TARGET INFORMATION ESTIMATED DEPTH 1,455'

WELL OPERATOR CONSOLIDATION COAL CO. DESIGNATED AGENT MICHELE O'NEILL
 ADDRESS R.D. #4 BOX 425 ADDRESS R.D. #4 BOX 425
MOUNDSVILLE, WV 26041 MOUNDSVILLE, WV 26041

MAR 16 1999

MARS 0215-P



15'
2.04S
2.05W

S-207
W-207

COAL OWNED BY Monongalia Improvement Co.

NEW LOCATION...
 DRILL DEEPER...
 ABANDONMENT...

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.
 ADDRESS 800 Union Trust Bldg. Pittsburgh, Pa.
 FARM Dr. Carl W. Groppe (G. Milliken)
 TRACT _____ ACRES 120 ± LEASE NO. 94152
 WELL (FARM) NO. 1 SERIAL NO. 4202
 ELEVATION (SPRING LEVEL) 1218'
 QUADRANGLE Cameron W. VA.
 COUNTY Marshall DISTRICT Sandhill
 ENGINEER A. C. Streater
 ENGINEER'S REGISTRATION NO. _____
 FILE NO. _____ DRAWING NO. 113-413
 DATE June 7 1950 SCALE 1" = 80'

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

WELL LOCATION MAP
 FILE NO. MARS-215

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Mars 215
Cameron Quad.
Company
Address
Farm
Well No.
District
Commenced
Completed
Volume
Rock Pressure

The Manf. Light & Heat Co.

Gas Well
CASING & TUBING

Cond. 16'	16'	
10 699	699	
8 1/2 1321	1321	
5 3/16	1470	

G.L. Milliken Acres 120
4070 Elev. -
Sand Hill Marshall County
June 22, 1950
July 19, 1950
12,629,917 Salt Sand 7-19-50
425# 30 Min, 60 Min, 840#

Clay	0	16	Slate	1380	1415	
Rock	16	32	Sand <i>1 1/2 Salt Sand</i>	1415		
Sand Stone	32	39	T.D.		1455	
Slate	39	51				
Lime	51	56	Show of coal 85'; 254-256			
Slate	56	80				
Lime	72	80	SLM at 667'			
Slate	80	87	10" set at 686' with 50 sacks cement			
Lime	87	105	8" set at 1310' SLM			
Slate Black	105	126	Show of gas 1340' to 1345'			
Red Rock	126	137	Test after completed drilling Gas 1428			
Slate	137	142	2" Mercury pitted tubed 8 1/2" casing,			
Lime	142	153	12,629,917 C.F.			
Slate	153	184	Tubing record 5 3/16			
Lime Shells & Slate	184	247	Perf. 3'4			
Slate	247	283	Perf. 31'3			
Lime	263	305	8 1/2 x 5 3/16 packer			
Slate	305	318	Tubing 47 joints 1419'11			
Lime	318	376	Add for thds. 15'6			
Waynesburg Coal	376	381	Total 1470'			
Slate	381	397				
Lime	397	559				
Slate	559	574	1	170	9	494
Mapletown Coal	566	567	2	305	10	495
Lime	574	644	3	400	15	497
Slate	644	661	4	480	20	498
Pittsburgh Coal	661	666	5	480	30	500
Black Slate	666	675	6	490	45	500
Lime	675	727	7	492	60	500
Red Rock	727	746	8	493	24 hrs.	505
Lime	746	753				
Red Rock	753	767				
Sand Murphy	767	776				
Red Rock	776	832				
Lime Gritty	832	841				
Slate Blue	841	869				
Lime	869	871				
Slate & Shells	871	965				
Lime	965	983				
Slate Black	983	996				
Lime Gritty	996	1012				
Slate Black	1012	1014				
Freeport Coal	1014	1015				
Slate	1015	1023				
Red Rock	1023	1032				
Slate	1032	1060				
Lime L. Dunkard	1060	1087				
Slate, Black	1087	1134				
B.D. Sand	1134	1156				
Slate	1156	1177				
Lime	1177	1233				
Slate Black	1233	1259				
Lime	1259	1278				
Slate Black	1278	1303				
Gas Sand	1303	1347				
Slate	1347	1365				
Slate Broken	1365	1380				