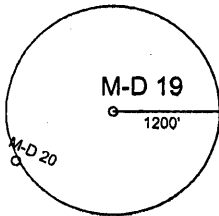




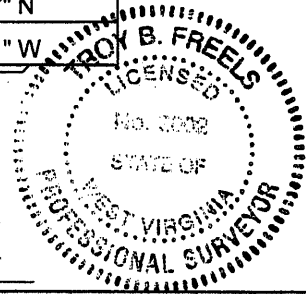
NORTH

SURROUNDING WELLS
WITHIN 1200' RADIUS



UTM Z17N NAD83 CONUS		LAT/LONG NAD27 CONUS	
NORTHING	4,394,235 M	39° 41' 46.7" N	
EASTING	552,697 M	80° 23' 08.1" W	

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 ENVIRONMENTAL PROTECTION.
P.S.
2002



(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE NOVEMBER 16, 20 11

OPERATORS WELL NO. M-D 19

API WELL NO. 47 - 61 - 00090 P
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY: 1 / 2500 FILE NO.: HUNDRED 6.DWG
SCALE: 1"=2000'
PROVEN SOURCE OF ELEVATION: COMPANY NETWORK TIED INTO U.S.G.S.

WV DEP
OFFICE OF OIL AND GAS
601 57TH ST., CHARLESTON, WV 25304



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1224.32' WATERSHED: CAMP RUN OF WEST VIRGINIA FORK OF DUNKARD CREEK

DISTRICT: BATTELLE COUNTY: MONONGALIA QUADRANGLE: HUNDRED, WV 7.5'

SURFACE OWNER: CONSOLIDATION COAL COMPANY ACREAGE: 66.5± ACRES

ROYALTY OWNER: _____ LEASE ACREAGE: _____

PROPOSED WORK: _____ LEASE NO.: _____

DRILL: _____ CONVERT: _____ DRILL DEEPER: _____ REDRILL: _____ FRACTURE OR STIMULATE: _____ PLUG OFF OLD: _____

FORMATION: _____ PERFORATE NEW FORMATION: _____ PLUG AND ABANDON: CLEAN OUT AND REPLUG: _____ OTHER: _____

PHYSICAL CHANGE IN WELL (SPECIFY): _____ TARGET FORMATION: NONE

ESTIMATED DEPTH: _____

WELL OPERATOR: CONSOLIDATION COAL COMPANY DESIGNATED AGENT: RONNIE HARSH
ADDRESS: 1 BRIDGE ST., MONONGAH, WV 26554 ADDRESS: 1 BRIDGE ST., MONONGAH, WV 26554

COUNTY NAME
PERMIT

LATITUDE

39 42 30

60 22 30

LONGITUDE

→ 0625
75' loc

7'5 OGIS topo location

7.5' loc 0.83 S
0.55 W

15' loc 3.71 S
(calc.) 2.77 W

Company _____

Farm _____

Quad Hundred Mannington Ac

County _____

District Battelle

WELL LOCATION MAP

File No. Mon. 90

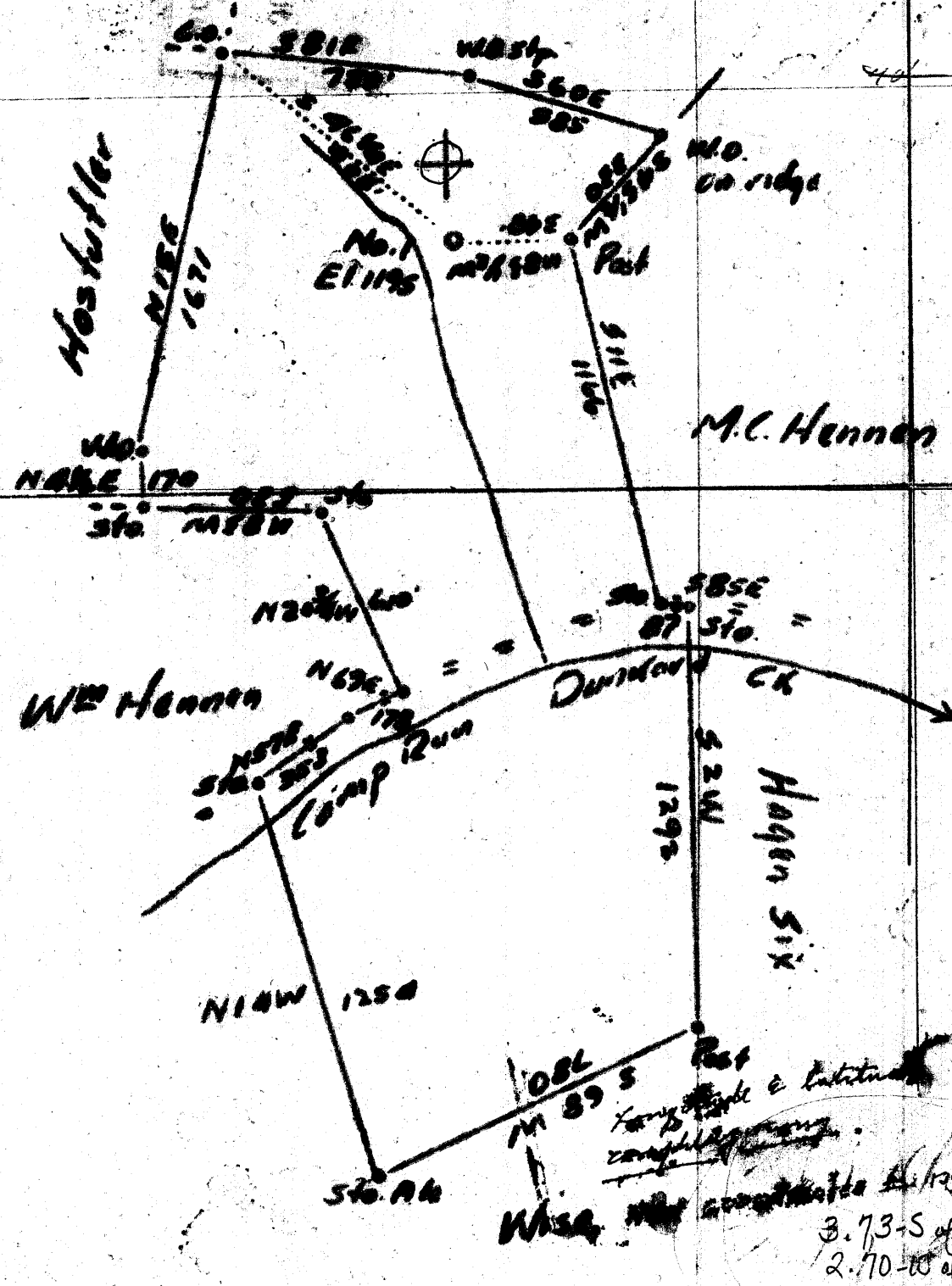
CSP

LATITUDE

39° 45'

LONGITUDE 83° 22'

E. C. Clovis Hts.



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.
 3.73-5 of 89°45'
 2.70-10 of 80°20'

Company C.E. Clovis, agent
 Address Hunting, W. Va.
 Farm E.C. Clovis
 Tract 1 Acres 66.5
 Well (Farm) No. 1
 Elevation. Not given
 Quadrangle Mannington
 County Mason District
 Engineer David Wood
 Engineer's Registration No. _____
 File No. _____
 Date April 18, 1937 Scale 1"=500'

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

WELL LOCATION MAP

File No. MON-90

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Mon-90
Mannington N.C. Quad.

Gas Well

CASING & TUBING

10	280	None
8-1/4	1485	1485
6-5/8	2212	None
3	3255	3255

Packer - Anchor
Depth set - 2212

Freeport coal 595-600
Mapletown 885
Pgh. 985 to 992

Company C. E. Clovis, Agent,
Address Hundred, W. Va.
Farm B. F. Clovis ACRES 79-1/2
Location Dunkard Creek
Well No. 1
District Battelle - Monongalia County
Surface B. F. Clovis, Burton, W. Va. RFD
Mineral Johnson Hrs., Pgh Coal and
B. F. Clovis, Mapletown
Commenced Nov. 26, 1936
Completed Apr. 14, 1937
Shot Feb. 1937 - depth 3218-3223
Open Flow 83/10ths W in 1 inch
Rock Pressure 75 lbs. 12 hrs.
Water -

Lime - white	10	50	Slate & Lime	2484	2926
Slate & Lime - soft	50	595	50' Foot - white	2936	2975
White Sand	600	625	Slate	2975	2978
Slate - dark	625	675	Sand	2978	2988
Lime - white	675	700	Slate	2988	2991
Slate - dark	700	730	Sand	2991	3005
Lime - white	730	750	Lime Shells	3005	3023
Red Rock	750	755	30'	3023	3053
Slate - dark	755	780	Slate - dark	3053	3073
Lime - white	780	875	Rock - red	3073	3076
Mapletown Coal	885	890	Sand - white	3076	3103
Lime - white	890	920	Slate - Dark	3103	3133
Slate - dark	920	950	Sand - white	3133	3148
Lime - gray	950	985	Gordon Stray	3148	3150
Pgh. Coal	985	992	Gordon	3150	3182
Lime - white	992	1000	Slate - dark	3182	3202
Slate - dark	1000	1010	Fourth Sand	3202	3233
Lime - white	1010	1050			Gas 3218 to 3223 83/10 1"
Slate - dark	1050	1090			
Lime - white	1090	1110	Slate	3233	3253
Rock - red	1110	1200	5th Sand	3253	3273
Sand - white	1200	1225	Slate	3273	3408
Slate - dark	1225	1260	Bayard Sand	3408	3411
Lime - white	1260	1290	Slate	3411	3430
Slate - dark	1270	1290			
Lime - dark	1290	1323			
Rock - red	1323	1350			
Lime - white	1350	1370			
Sand	1370	1375			
Slate - dark	1375	1400			
Slate&Lime	1400	1475			
Big Dunkard	1475	1490			
Sand	1490	1540			
Slate	1540	1635			
Gas Sand	1635	1725			
Slate	1725	1775			
Sand	1775	1859			
Slate	1857	1953			
Sand	1953	2000			
Slate	2000	2040			
Rock - red	2040	2050			
Lime	2050	2070			
Sand	2070	2110			
Slate	2110	2140			
Lime	2140	2150			
Slate	2150	2173			
Lime	2173	2200			
Slate	2200	2205			
Big Lime	2205	2263			
Big Injun - white	2263	2484	Gas 35' in 10/10 1"		

1936
985
63