

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-051-01146 WELL NO.: MC52P
 FARM NAME: Robert & Rosemary Conner
 RESPONSIBLE PARTY NAME: Leatherwood, LLC
 COUNTY: Marshall DISTRICT: Webster
 QUADRANGLE: Majorsville, WV 7.5
 SURFACE OWNER: Robert & Rosemary Conner
 ROYALTY OWNER: Unknown
 UTM GPS NORTHING: 4416376.73
 UTM GPS EASTING: 532250.18 GPS ELEVATION: 1067.47

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS : Post Processed Differential _____
 Real-Time Differential

Mapping Grade GPS _____ : Post Processed Differential _____
 Real-Time Differential _____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Matthew R. Kell
Signature

Project Engineer
Title

10-4-2021
Date

RECEIVED
Office of Oil and Gas

OCT 13 2021



FILE #: MC52A AND MC52P
 DRAWING #: MC52A AND MC52P
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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.
 Signed: *George D. Six*
 R.P.E.: _____ L.L.S.: P.S. No. 2000

GEORGE D. SIX
 LICENSED
 No. 2000
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR
 PLACE SEAL HERE

RECEIVED
 Office of Oil and Gas
 OCT 13 2021
 WV Department of Environmental Protection

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: AUGUST 17, 2021
 OPERATOR'S WELL #: MC52A AND MC52P
 API WELL #: _____

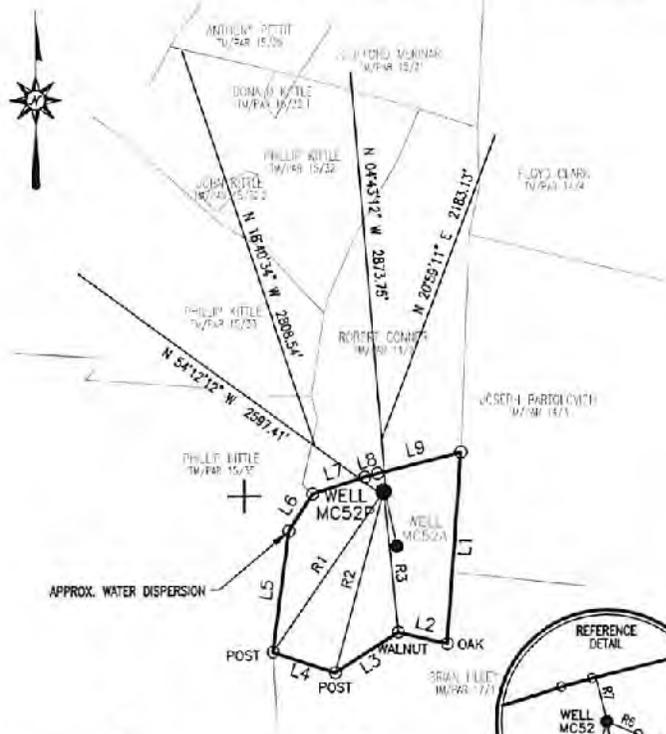
Well Type:	<input type="checkbox"/> Oil	<input type="checkbox"/> Waste Disposal	<input checked="" type="checkbox"/> Production	<input type="checkbox"/> Deep	<input checked="" type="checkbox"/> Gas	<input type="checkbox"/> Liquid Injection	<input type="checkbox"/> Storage	<input checked="" type="checkbox"/> Shallow			
WATERSHED:	WHITNEY RUN OF MIDDLE GRAVE CREEK			ELEVATION:							
COUNTY/DISTRICT:	MARSHALL/WEBSTER			QUADRANGLE:	MAIDRSVILLE, WV 7.5'						
SURFACE OWNER:	ROBERT & ROSEMARY CONNOR			ACREAGE:	30.79±						
OIL & GAS ROYALTY OWNER:	UNKNOWN			ACREAGE:							
DRILL	<input type="checkbox"/> CONVERT	<input type="checkbox"/> DRILL DEEPER	<input type="checkbox"/> REDRILL	<input type="checkbox"/> FRACTURE OR STIMULATE	<input type="checkbox"/> PLUG OFF OLD FORMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
PERFORATE NEW FORMATION	<input type="checkbox"/>	PLUG & ABANDON	<input checked="" type="checkbox"/>	CLEAN OUT & REPLUG	<input type="checkbox"/>	OTHER CHANGE	<input type="checkbox"/>	<input type="checkbox"/>			
(SPECIFY):											
TARGET FORMATION:	PITTSBURGH			ESTIMATED DEPTH:							
WELL OPERATOR	LEATHERWOOD LLC			DESIGNATED AGENT	GINA NEWHOUSE						
Address	1000 CONSOL ENERGY DRIVE			Address	1627 QUARRIER STREET						
City	CANONSBURG	State	PA	Zip Code	15317	City	CHARLESTON	State	WV	Zip Code	25311

11/05/2021

4705101146

SHL is located on topo map 7,251 feet south of Latitude: 39° 53' 48.66"

SHL is located on topo map 11,127 feet west of Longitude: 80° 37' 21.91"



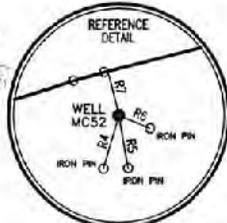
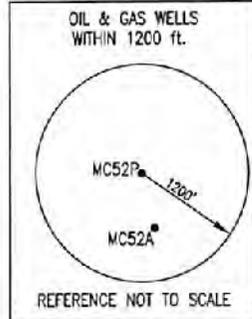
- NOTES:
1. There are no water wells or developed springs within 250' of proposed well.
 2. Proposed wells greater than 100' from general stream, wetland, pond, reservoir or lake.
 3. There are no active flood streams within 300' of proposed well.
 4. Proposed wells greater than 100' from surface ground water intake or public water supply.
 5. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral present, therefore, the location of the boundary lines, as shown, are based on record deed descriptions, field evidence, based on the responsibility, unless otherwise noted.
 6. There are no existing buildings within 100' of proposed well.

SURFACE HOLE LOCATION (F&L)

UTM 17-NAD83(M)
 N:4416376.73
 E:532250.18

NAD83 WV NORTH
 N:510747.39
 E:1653498.85

LAT/LON-NAD83
 LAT:39°53'48.66"
 LON:80°37'21.91"



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 Environmental Protection

LINE	BEARING	DISTANCE
L1	S 04°10'00" W	1288.00'
L2	N 76°50'00" W	347.00'
L3	S 57°40'00" W	508.00'
L4	N 71°50'00" W	445.50'
L5	N 07°40'00" E	820.00'
L6	N 32°55'00" E	297.00'
L7	N 72°15'10" E	373.82'
L8	N 74°10'00" E	90.00'
L9	N 76°25'00" E	587.00'

LINE	BEARING	DISTANCE
R1	S 35°01'34" W	1316.94'
R2	S 15°16'48" W	1261.93'
R3	S 05°50'13" E	950.55'
R4	S 16°28'10" W	156.45'
R5	S 09°45'31" E	150.94'
R6	S 66°57'41" E	95.38'
R7	N 13°35'00" W	128.62'

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 CHARLESTON, WV 25304

DATE: AUGUST 17, 2021
 OPERATOR'S WELL #: MC52P
 API WELL #: 47 51 01146
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow

WATERSHED: WHITNEY RUN OF MIDDLE GRAVE CREEK ELEVATION: 1067.47
 COUNTY/DISTRICT: MARSHALL/WEBSTER QUADRANGLE: MAJORSVILLE, WV 7.5'

SURFACE OWNER: ROBERT & ROSEMARY CONNOR ACREAGE: 30.79±
 OIL & GAS ROYALTY OWNER: UNKNOWN ACREAGE: _____

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE

(SPECIFY): _____

TARGET FORMATION: PITTSBURGH ESTIMATED DEPTH: 861±
 WELL OPERATOR LEATHERWOOD LLC DESIGNATED AGENT GINA NEWHOUSE
 Address 1000 CONSOL ENERGY DRIVE Address 1627 QUARRIER STREET
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25311

11/05/2021