

11,060'

LATITUDE 38 - 52 - 30

**Carrizo (Marcellus) LLC
Mongold No. 1
189.2 Lease Acres**

⊙ Proposed Gas Well
Surface Tract Lines

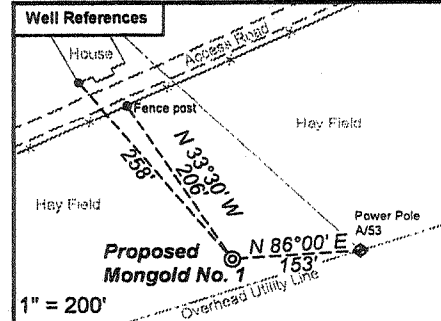
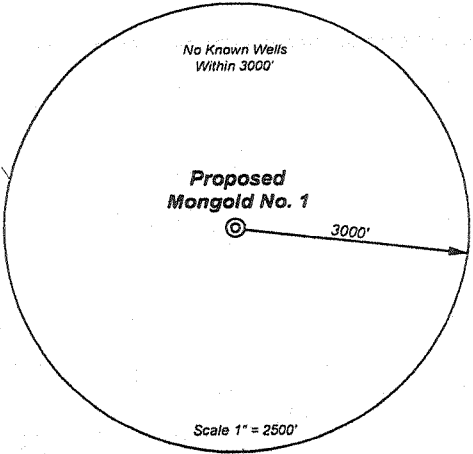
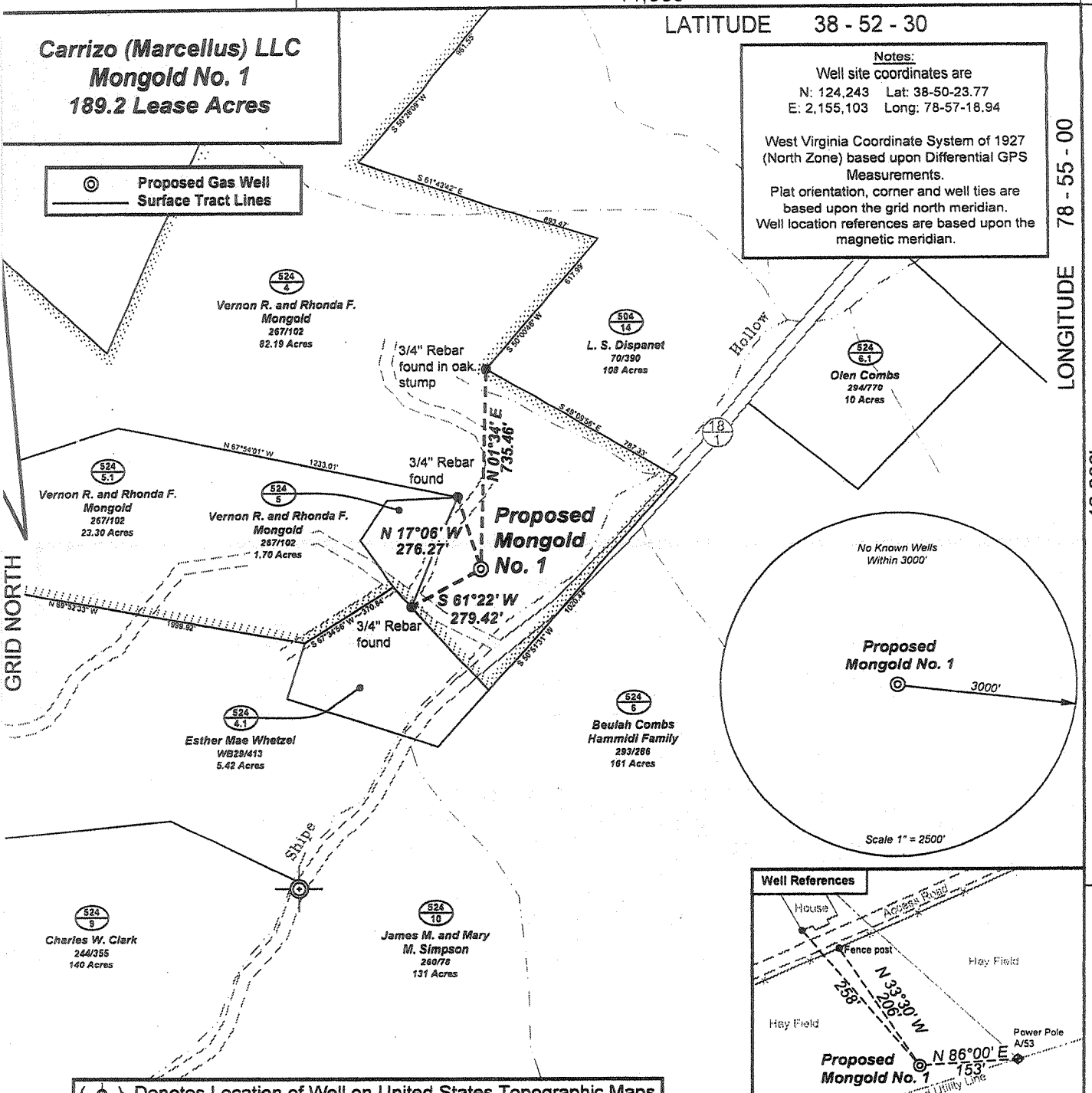
Notes:
Well site coordinates are
N: 124,243 Lat: 38-50-23.77
E: 2,155,103 Long: 78-57-18.94

West Virginia Coordinate System of 1927
(North Zone) based upon Differential GPS
Measurements.
Plat orientation, corner and well ties are
based upon the grid north meridian.
Well location references are based upon the
magnetic meridian.

LONGITUDE 78 - 55 - 00

12,800'

GRID NORTH

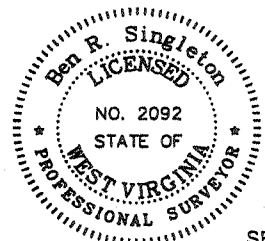


⊙ Denotes Location of Well on United States Topographic Maps



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.

Ben R. Singleton
P.S. 2092



SEAL

FILE NO: 77-42-LR-09
DRAWING NO: 77-09 Mongold No. 1 plat
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: August 31 20 09
OPERATOR'S WELL NO. Mongold No. 1
API WELL NO
47 - 031 - 00031 P
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 2099' WATERSHED Shipe Hollow of Cullers Run QUADRANGLE: Bergton
DISTRICT: Lost River COUNTY: Hardy
SURFACE OWNER: Vernon & Rhonda Mongold ACREAGE: 82.19
OIL AND GAS ROYALTY OWNER: Vernon R. Mongold et al LEASE NO: ACREAGE: 189.2
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7500'

WELL OPERATOR: Carrizo (Marcellus) LLC DESIGNATED AGENT: Sharon Barth
ADDRESS: 1000 Louisiana Street, Suite 1500 ADDRESS: 707 Virginia Street
Houston, TX 77002 East Charleston, WV 25301

WR-35
Rev (8-10)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 10/22/2010
API #: 47-031-00031

Farm name: MONGOLD, VERNON & RHOND. Operator Well No.: 1

LOCATION: Elevation: 2,099' Quadrangle: BERGTON

District: LOST RIVER County: HARDY
Latitude: 12,800' Feet South of 38 Deg. 50 Min. 23.77 Sec.
Longitude 11,060' Feet West of 78 Deg. 57 Min. 18.94 Sec.

Company: CARRIZO (MARCELLUS) LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
1000 LOUISIANA, SUITE 1500, HOUSTON, TX 77002	13-3/8"	320'	320'	402
Agent: ED KRONENBERGER	9-5/8"	1,226'	1,226'	577
Inspector: BILL HATFIELD	5-1/2"	7,906'	7,906'	1289
Date Permit Issued: 09/30/09				
Date Well Work Commenced: 12/19/09				
Date Well Work Completed: 09/08/10				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Vertical Depth (ft): 7,906'				
Total Measured Depth (ft): 7,906'				
Fresh Water Depth (ft.): 150'				
Salt Water Depth (ft.): UNKNOWN				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): NA				
Void(s) encountered (N/Y) Depth(s) NO				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

RECEIVED
Office of Oil & Gas

NOV 14 2011

WV Department of
Environmental Protection

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

10/22/10
Date

12/02/2011

unnamed (6) 1-0

Were core samples taken? Yes _____ No X Were cuttings caught during drilling? Yes Y No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list _____
 PLATFORM EXPRESS, FMI, ECS, SONIC SCANNER

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

STAGE 1: 7,769' - 74'; 7,789' - 94'; 7,795' - 7,809'
 FRAC W/ 7,546 BBLs FLUID & 31,500# 100 MESH + 144,000# 40/70 SAND

STAGE 2: 7,635' - 40'; 7,655' - 60'; 7,698' - 7,703'; 7,715' - 20'
 FRAC W/ 7,316' - BBLs FLUID & 30,300# 100 MESH + 144,000# 40/70 SAND

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Surface:	Top Depth	Bottom Depth
SILTY SHALE	0	160'
SANDSTONE	160'	2,130'
SILTY SHALE	2,130'	4,520'
SHALE	4,520'	5,880'
LIMEY SHALE	5,880'	6,000'
SHALE	6,000'	6,196'
TULLY LIMESTONE	6,196'	6,289'
MAHANTANGO SHALE	6,289'	7,328'
UPPER MARCELLUS SHALE	7,238'	7,263'
PURCELL LIMEY SHALE	7,263'	7,625'
LOWER MARCELLUS SHALE	7,625'	7,826'
ONONDAGA LIMESTONE	7,826'	TD - 7,906'

SIGNED: Carla Smith DATE: 11/11/11

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Y Electrical, N Mechanical, Y or Geophysical logs recorded on this well?
Y/N Y/N Y/N

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

STAGE 1: 7,769'-74'; 7,789'-94'; 7,795'-7,809'

FRAC W/ 7546 BBLs FLUID & 31,500# 100 MESH + 144,000# 40/70 SAND

STAGE 2: 7,635'-40'; 7,655'-60'; 7,698'-7,703'; 7,715'-20'

FRAC W/ 7,316 BBLs FLUID & 30,300# 100 MESH + 144,000# 40/70 SAND

REMARKS: WELL CURRENTLY SHUT-IN, PENDING FURTHER EVALUATION & TESTING

Formations Encountered: Top Depth / Bottom Depth
Surface:

Formations Encountered:	Top Depth	Bottom Depth
TULLY	6,196'	6,289'
MAHANTANGO	6,289'	7,328'
UPPER MARCELLUS	7,238'	7,263'
PURCELL	7,263'	7,625'
LOWER MARCELLUS	7,625'	7,826'
ONONDAGA	7,826'	TD-7,906'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, 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.

Farm name: MONGOLD Operator Well No.: 1

LOCATION: Elevation: 2,099' Quadrangle: BERGTON
District: LOST RIVER County: HARDY
Latitude: 12,800 Feet South of 38 Deg. 50 Min. 23.77 Sec.
Longitude: 11,060 Feet West of 78 Deg. 57 Min. 18.94 Sec.

Well Type: OIL _____ GAS X

Company CARRIZO (MARCELLUS) WV LLC Coal Operator MONGOLD, VERNON & RHONDA
500 DALLAS ST., SUITE 2300 or Owner 5015 KLINES MILL RD.
HOUSTON, TX 77002 LINVILLE, VA 22834

Agent SHARON BARTH Coal Operator _____
Permit Issued Date 01/04/2012 or Owner _____

RECEIVED
Office of Oil and Gas

AFFIDAVIT

STATE OF TEXAS
County of HARRIS ss:

COY E. SMITH and MARK SCHUMACHER being first duly sworn according to law deposed and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 11th day of SEPTEMBER, 2013, and the well was plugged and filled in the following manner:

WV Department of
Environmental Protection

OCT 11 2013

TYPE	FROM	TO	PIPE REMOVED	LEFT
SEE				
ATTACHMENT				

Description of monument: 5' VENT PIPE WELDED W/ API NO. & NAME and that the work of plugging and filling said well was completed on the 18th day of SEPTEMBER, 2013.

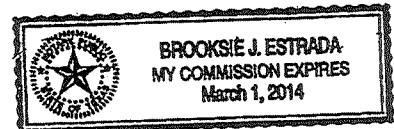
And further deponents saith not.

Mark Schumacher
Coy E. Smith

Sworn and subscribe before me this 8 day of OCTOBER, 2013

My commission expires: 3/1/14

Brooksie Estrada
Notary Public



Affidavit reviewed by the Office of Oil and Gas: Bill Hatfield

Title: oil & gas inspector 11/22/2013

31-00031

CARRIZO MARCELLUS (WV) LLC

MONGOLD #1
API 47-031-00031

Attachment to Form WR-38, Affidavit of Plugging and Filling Well

TYPE	FROM	TO	PIPE REMOVED	LEFT
Class A Cement	7,622'	7,422'	None	7,906'
6% Gel	7,372'	3,369'	None	7,906'
Class A Cement	3,370'	3,170'	None	7,906'
Class A cement	3,104'	2,964'	3,139'	4,767'
6% Gel	2,928'	1,240'	0	4,767'
Class A Cement	1,240'	1,090'	0	4,767'
CIBP	1,030'	1,029'	0	4,767'
Class A Cement	406'	306'	0	4,767'
Class A Cement	151	0'	0	4,767'

RECEIVED
Office of Oil and Gas

OCT 11 2013

WV Department of
Environmental Protection

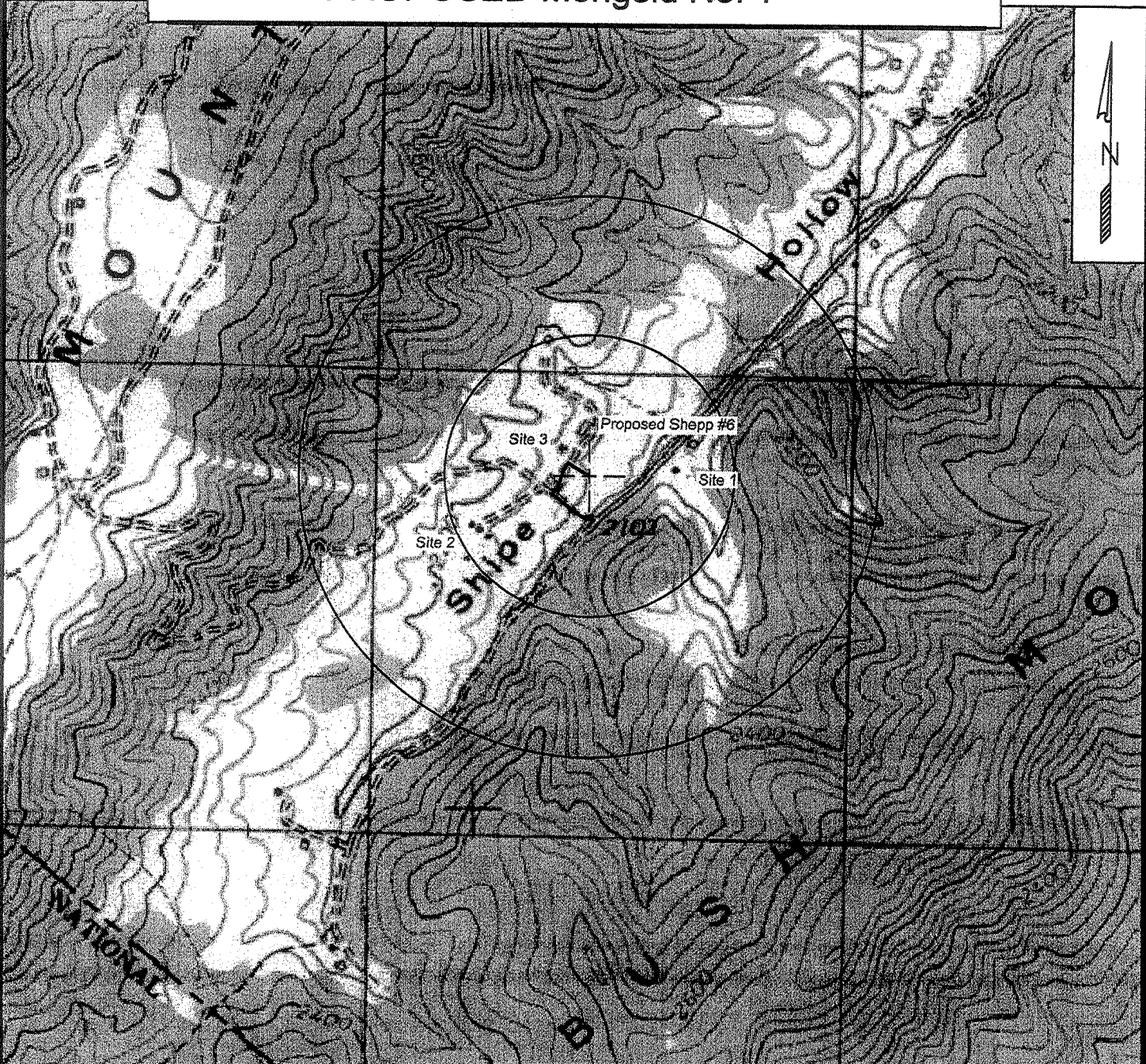
11/22/2013

Topo Quad: Bergton Office of Oil & Gas Scale: 1" = 1000' 31-00031P
 County: Hardy DEC 09 2011 Date: August 17, 2009
 District: Lost River Project No: 77-42-LR-09

WV Department of
 Environmental Protection

Topo

PROPOSED Mongold No. 1



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 P.O. BOX 438
 BIRCH RIVER, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:
Carrizo Oil & Gas
 1000 Louisiana Street, Suite 1500
 Houston, TX 77002