

PLAT NOTES

- The drawing shown hereon is from the original drilling permit plat dated 6/19/2012.
- This plat has been updated to show current surface ownership and as-drilled Latitude & Longitude.
- Latitude & Longitude shown was measured by DGPS - Sub-Meter Mapping Grade (NAD 1927)

- ◆ - DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.
- ⊕ - DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

NOTE
This well will be drilled directionally
N 65° 55' W 795'

No.17 UTM Coordinates (NAD83) Meters	
Surface	Bottom Hole
N - 4,373,478	N - 4,373,478
E - 527,098	E - 526,860

Location References

EXISTING WELL

NOTES ON SURVEY

- 1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1927).
- 2 - Unit Boundary description from survey of the John Mills property by H.M. Stansberry, PE of Sistersville, WV (1907-08).
- 3 - Surface owner information obtained from the Wetzel County Assessor's tax records.

FILE NO. 1046-46
 MAP NO. N S E W
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY Sub-Meter
 PROVEN SOURCE OF ELEVATION DGPS Survey (Sub-Meter Mapping Grade)

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 MINES.

(SIGNED) *Timothy P. Roush*
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 601 57th Street
 Charleston, West Virginia 25301



DATE July 9, 2013
 FARM McCoy Heirs No.17
 API WELL NO. 47-103-02812 S

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 810' WATERSHED Piney Fork
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Pine Grove 7.5'

SURFACE OWNER Roberta B. Wayne ACREAGE 98.7 ac.
 OIL & GAS ROYALTY OWNER HG Energy, LLC., et al LEASE ACREAGE 150 ac.
 LEASE NO. 25040-50

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Convert well to liquid injection

PLUG AND ABANDON CLEAN OUT AND REPLUG 3,132' MD
 TARGET FORMATION Gordon ESTIMATED DEPTH 2,883' TVD

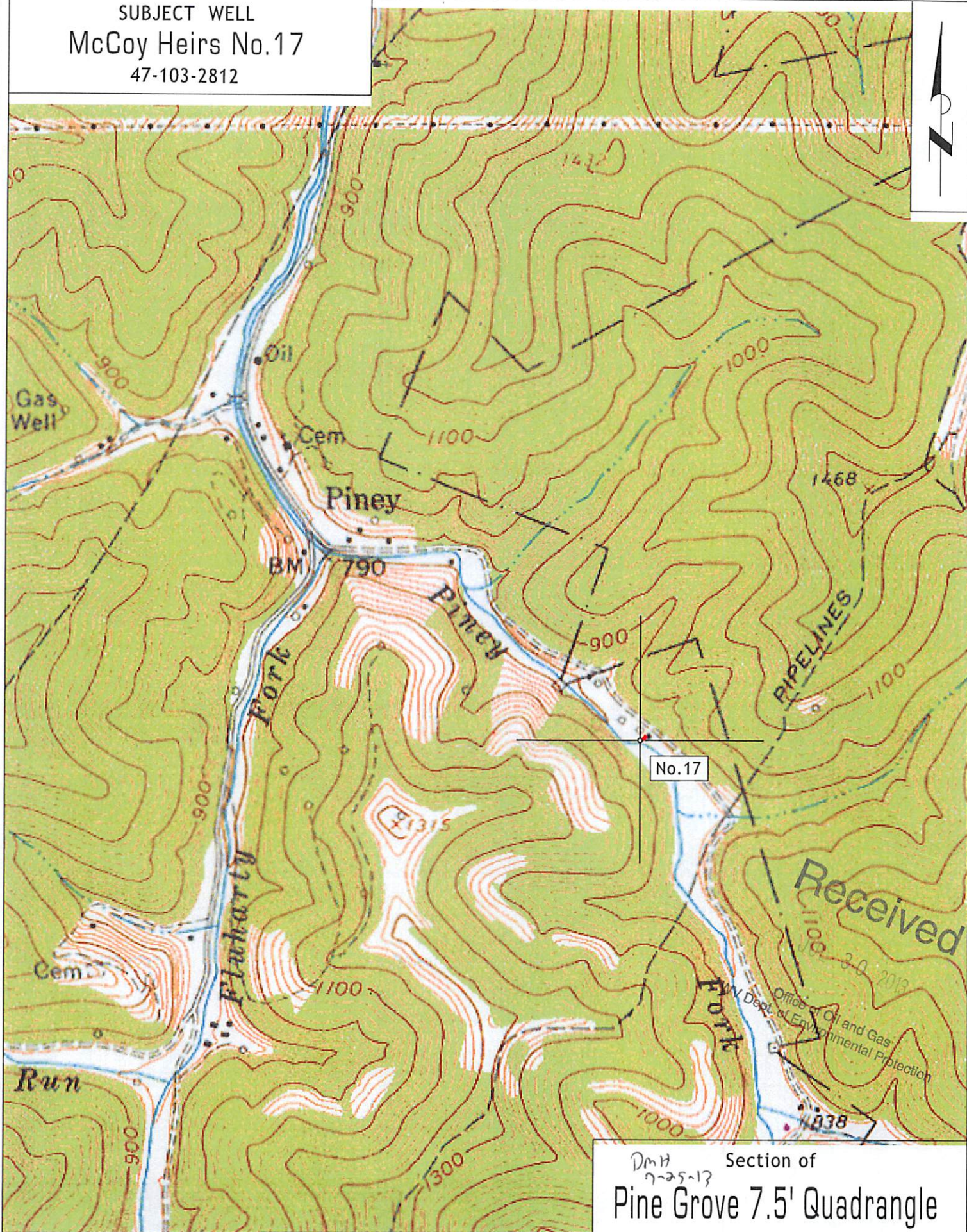
WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Mike Kirsch
 ADDRESS 5260 DuPont Road ADDRESS 5260 DuPont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

08/30/2013

Longitude = 80° 41' 05.8" Latitude = 39° 30' 41.2"

TURM IV-0

SUBJECT WELL
McCoy Heirs No.17
47-103-2812



No. 17

Received
3-0-2013

Office of Oil and Gas
Dept. of Environmental Protection

DMH
7-25-13
Section of
Pine Grove 7.5' Quadrangle

SCALE 1"=1000'

26

(CENTER F