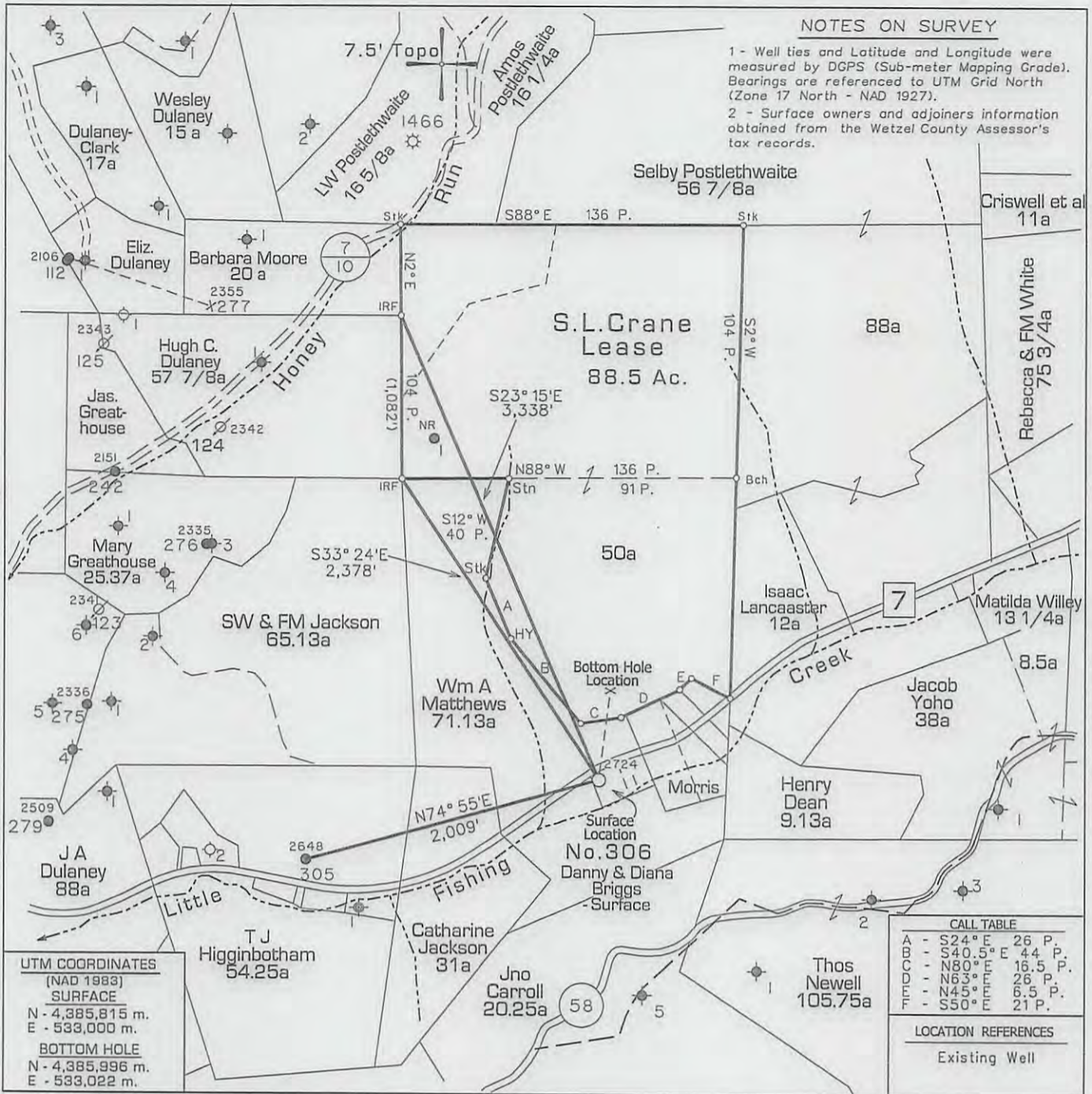


Longitude - 80° 36' 56.55"

9,115'

Bottom Hole Longitude - 80° 36' 55.6"

LATITUDE 39° 37' 30"



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 - Surface owners and adjoiners information obtained from the Wetzel County Assessor's tax records.

UTM COORDINATES (NAD 1983)

SURFACE
 N - 4,385,815 m.
 E - 533,000 m.

BOTTOM HOLE
 N - 4,385,996 m.
 E - 533,022 m.

CALL TABLE

A	- S24° E	26 P.
B	- S40.5° E	44 P.
C	- N80° E	16.5 P.
D	- N63° E	26 P.
E	- N45° E	6.5 P.
F	- S50° E	21 P.

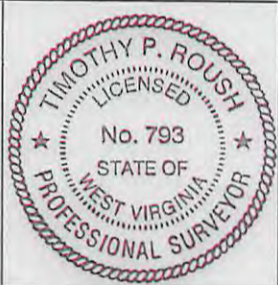
LOCATION REFERENCES
Existing Well

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

FILE NO. 1046-25
 MAP NO. N S E W
 SCALE 1" = 1,000'
 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 25304



DATE October 21, 2013
 FARM S.L. Crane No.306
 API WELL NO. 47-103-02724S

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION WASTE DISPOSAL ___ HORIZONTAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW CBM ___
 LOCATION: ELEVATION 939' WATERSHED Little Fishing Creek
 DISTRICT Center COUNTY Wetzel
 QUADRANGLE Big Run 7.5'
 SURFACE OWNER Danny & Diana Briggs ACREAGE 1.23 Ac.
 OIL & GAS ROYALTY OWNER James E. Ashcroft et al. LEASE ACREAGE 142.5 Ac.
 LEASE NO. 107764-00
 PROPOSED WORK: DRILL ___ CONVERT DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) CONVERT TO LIQUID INJECTION
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Gordon ESTIMATED DEPTH 3,312' MD
 WELL OPERATOR HG Energy, LLC DESIGNATED AGENT Mike Kirsch
 ADDRESS 5260 Dupont Road ADDRESS 5260 Dupont Road
 Parkersburg, WV 26101 Parkersburg, WV 26101

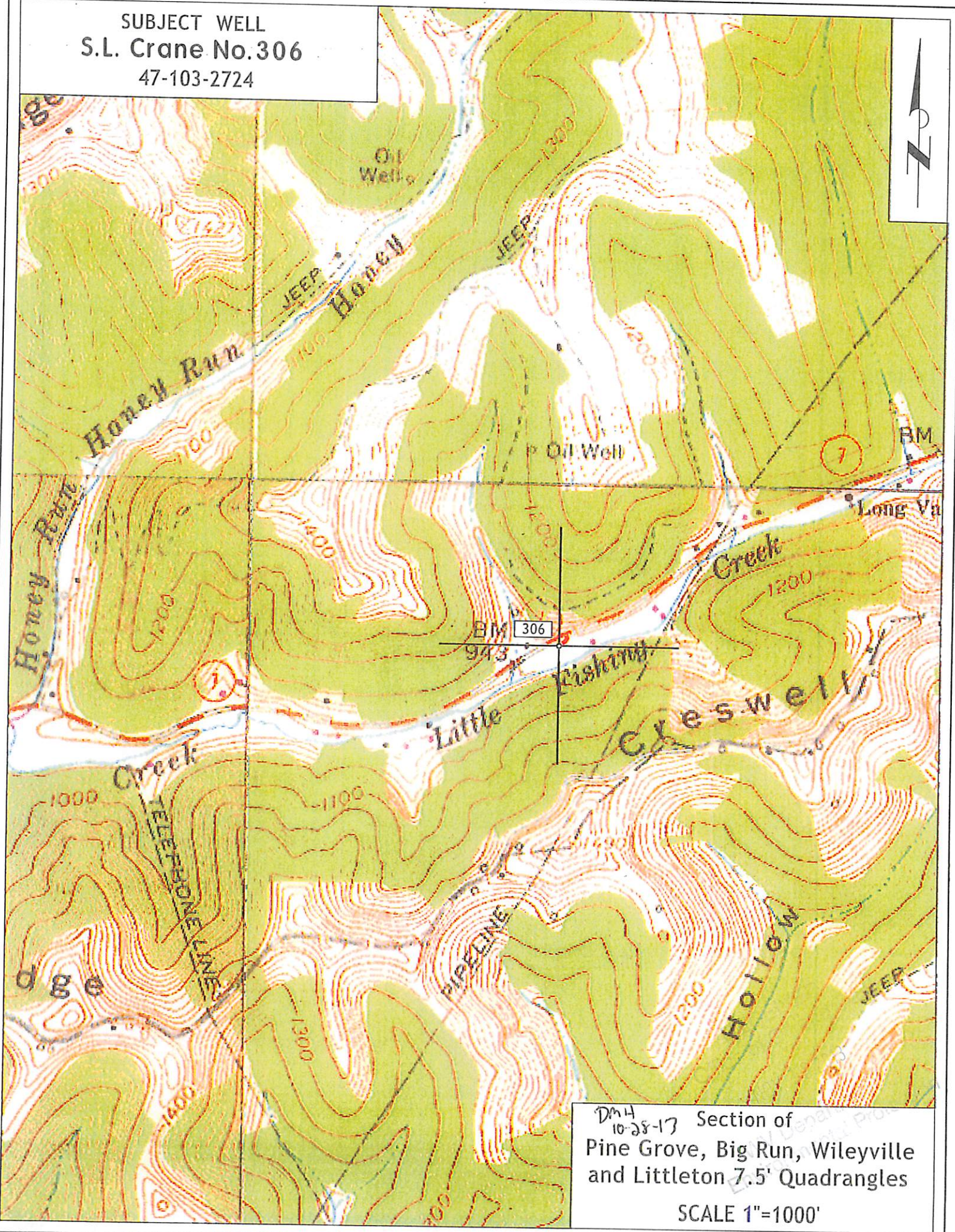
12/06/2013

FORM IV-6

Longitude 80° 37' 22.8" Bottom Hole Latitude 39° 37' 22.8"

Latitude 39° 37' 16.98" 1,315'

SUBJECT WELL
S.L. Crane No.306
47-103-2724



Dm 4
10-28-17 Section of
Pine Grove, Big Run, Wileyville
and Littleton 7.5' Quadrangles
SCALE 1"=1000'