

Longitude - 80° 36' 56.55"

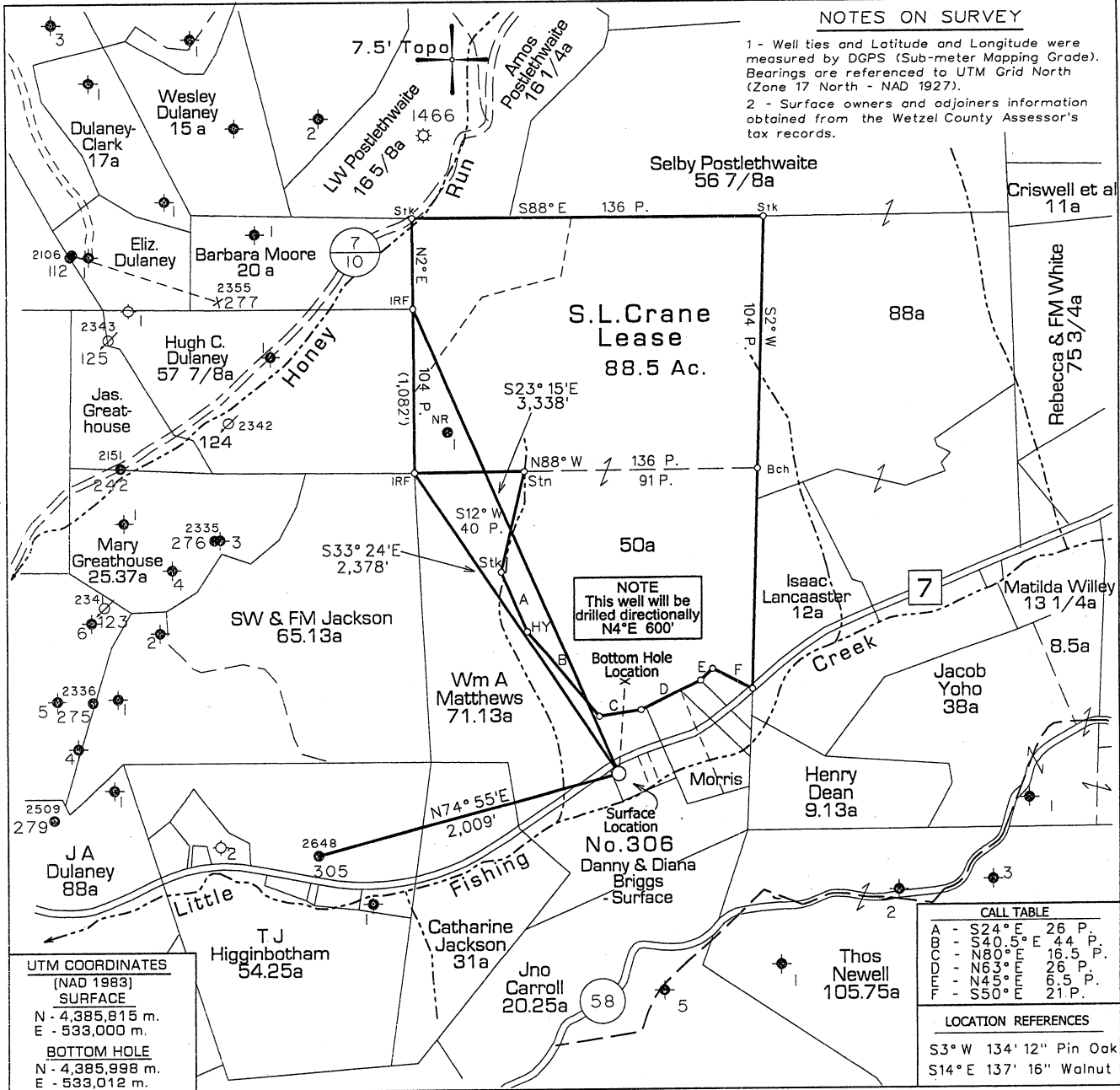
9,115'

Bottom Hole Longitude - 80° 36' 56.0"

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.



NOTE
This well will be drilled directionally N4° E 600'

UTM COORDINATES
(NAD 1983)
SURFACE
N - 4,385,815 m.
E - 533,000 m.
BOTTOM HOLE
N - 4,385,998 m.
E - 533,012 m.

CALL TABLE		
A	S24° E	26 P.
B	S40° E	44 P.
C	N80° E	16.5 P.
D	N63° E	26 P.
E	N45° E	16.5 P.
F	S50° E	21 P.

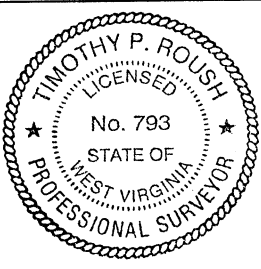
LOCATION REFERENCES	
S3° W	134' 12" Pin Oak
S14° E	137' 16" Walnut

⊕ 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) *[Signature]*
TIMOTHY P. ROUSH PS 793



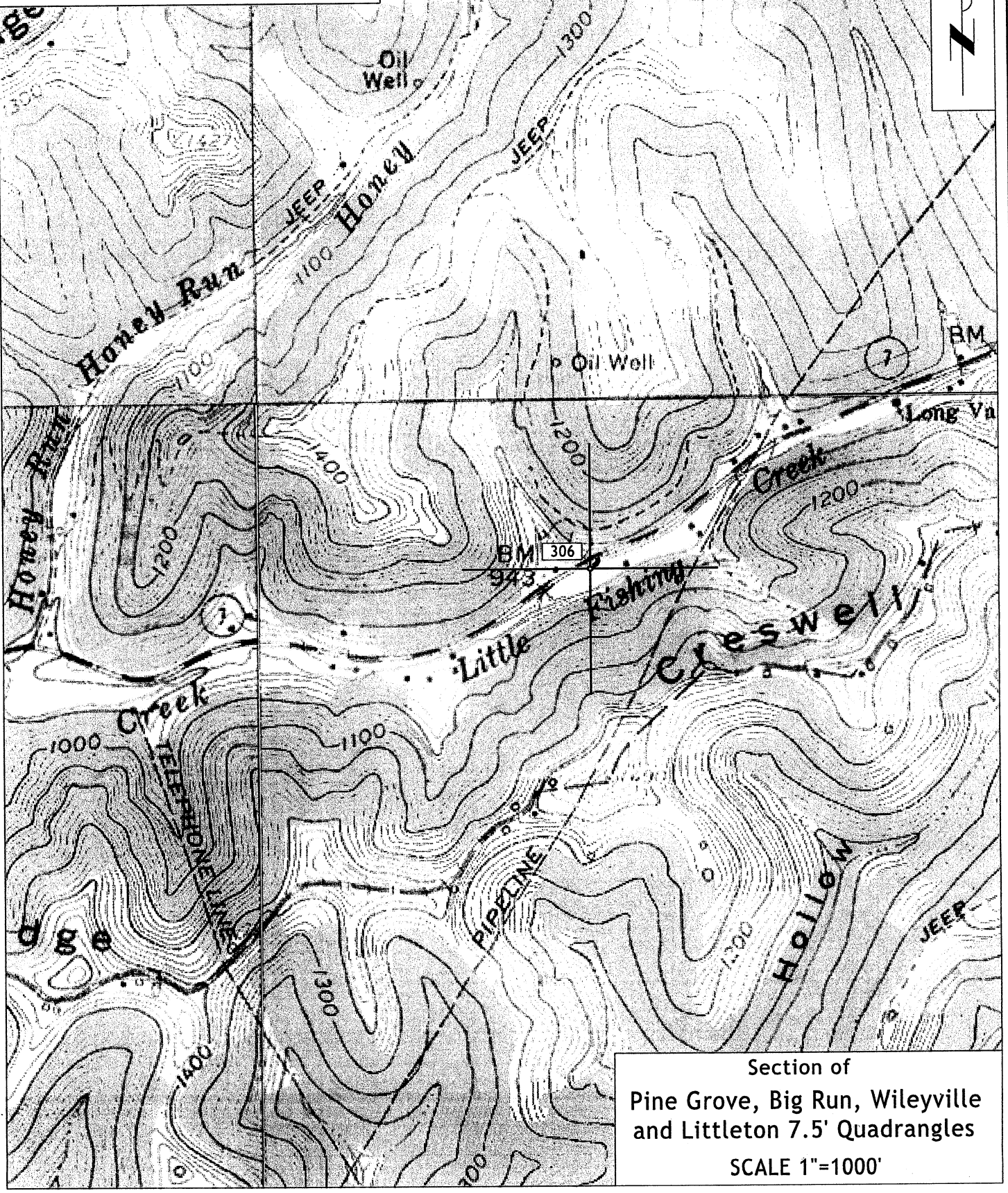
WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25304



DATE October 12, 2011
FARM S.L. Crane No.306
API WELL NO. 47-103-02724

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) _____
NOTE: WELL WILL BE DRILLED DIRECTIONALLY - N4° E 600'
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION Gordon ESTIMATED DEPTH 3,150' MD
WELL OPERATOR HG Energy, LLC DESIGNATED AGENT Mike Kirsch
ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W.Va. 26105 Vienna, W.Va. 26105

SUBJECT WELL
S.L. Crane No.306



Section of
Pine Grove, Big Run, Wileyville
and Littleton 7.5' Quadrangles
SCALE 1"=1000'