

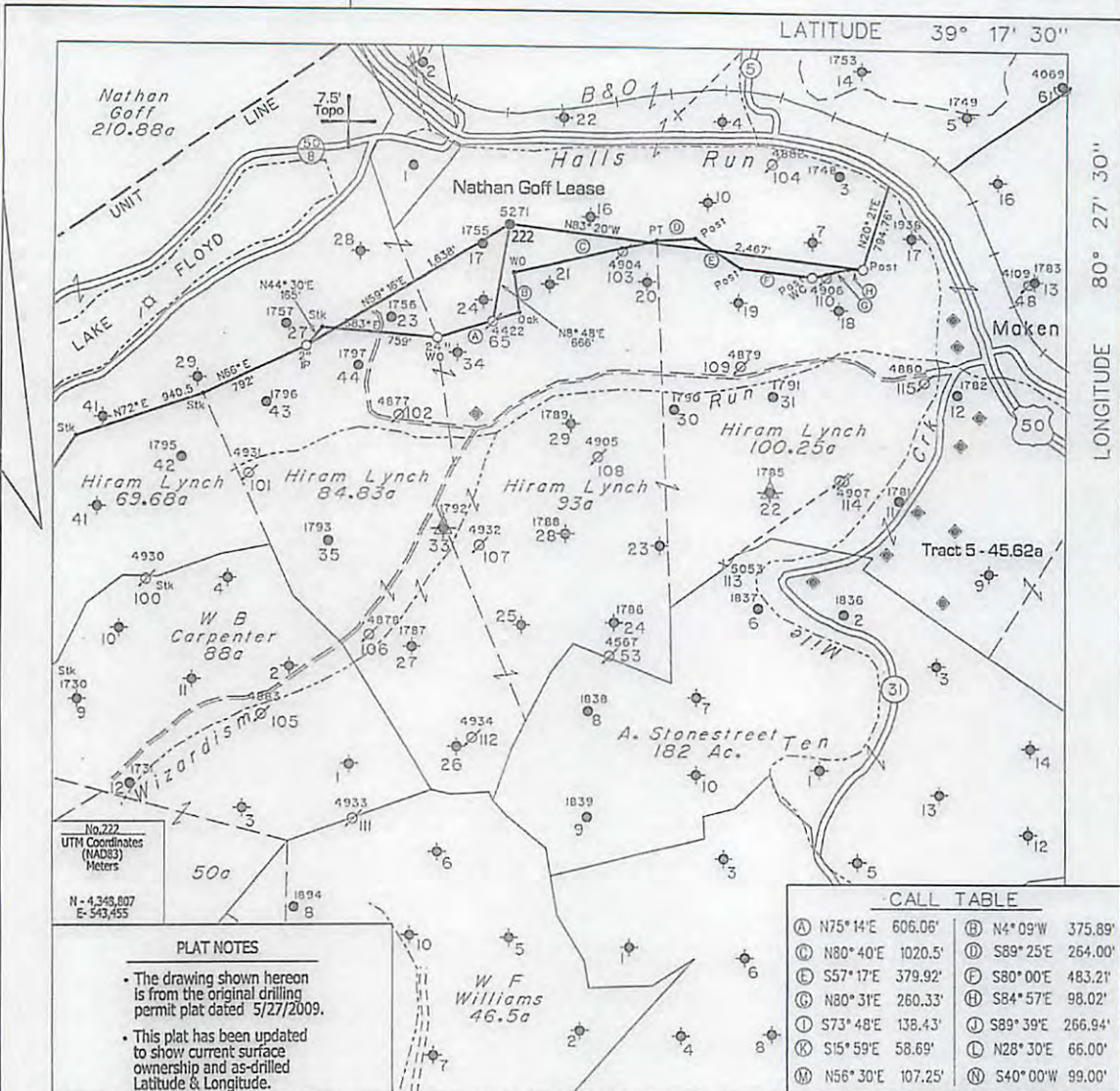
Longitude - 80° 29' 46.7"

10,740'

LATITUDE 39° 17' 30"

LONGITUDE 80° 27' 30"

Latitude - 39° 17' 14.8"



No. 222  
UTM Coordinates  
(NAD83)  
Meters  
N - 4,345,807  
E - 543,455

**PLAT NOTES**

- The drawing shown hereon is from the original drilling permit plat dated 5/27/2009.
- This plat has been updated to show current surface ownership and as-drilled Latitude & Longitude.

| CALL TABLE           |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|
| (A) N75°14'E 606.06' | (B) N4°09'W 375.89'  | (I) S73°48'E 138.43' | (L) N28°30'E 66.00'  |
| (C) N80°40'E 1020.5' | (D) S89°25'E 264.00' | (J) S89°39'E 266.94' | (M) N56°30'E 107.25' |
| (E) S57°17'E 379.92' | (F) S80°00'E 483.21' | (K) S15°59'E 58.69'  | (N) S40°00'W 99.00'  |
| (G) N80°31'E 260.33' | (H) S84°57'E 98.02'  | (O) S73°48'E 138.43' |                      |

● - DENOTES A POSSIBLE WATER SUPPLY SOURCE (LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT SURVEYED)  
 + - DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

**LOCATION REFERENCES**  
**EXISTING WELL**

FILE NO. 1043-43  
 MAP NO.      N      S      E      W  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY Sub-Meter DGPS  
 PROVEN SOURCE OF ELEVATION DGPS Survey

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



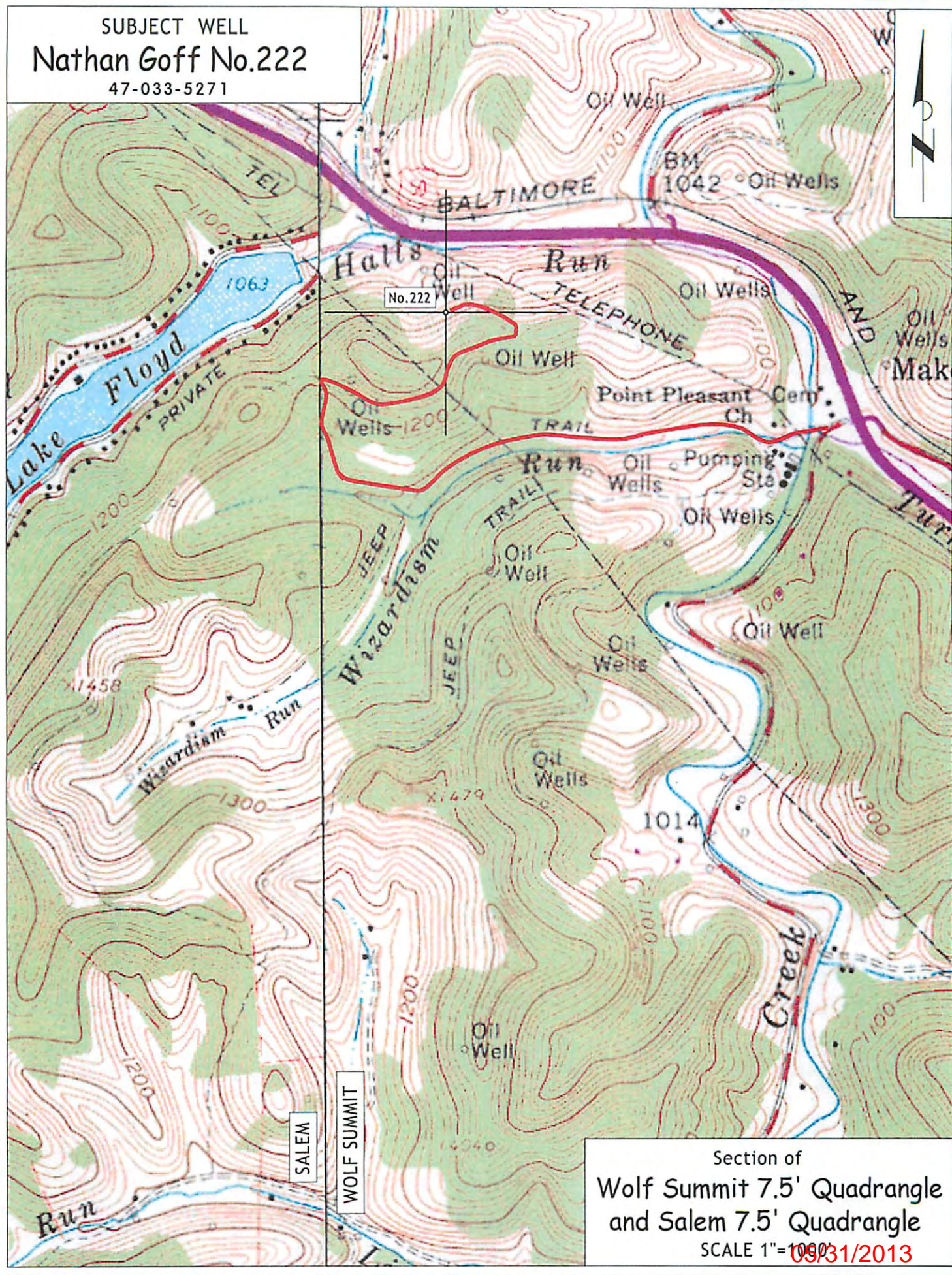
DATE March 25, 2013  
 FARM Nathan Goff No.222  
 API WELL NO. 47-033-5271 RW

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  CORE   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1,210' WATERSHED Halls Run  
 DISTRICT Ten Mile COUNTY Harrison  
 QUADRANGLE Wolf Summit 7.5'  
 SURFACE OWNER Chad W. Johnson ACREAGE 57.41 Ac.  
 OIL & GAS ROYALTY OWNER Wilma R. Goodwin LEASE ACREAGE 924 Ac.  
 LEASE NO. 74512-50  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  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 Fifth Sand ESTIMATED DEPTH 3,110'  
 WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Mike Kirsch  
 ADDRESS 5260 DuPont Road ADDRESS 5260 DuPont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101

FORM IV-6

05/31/2013

SUBJECT WELL  
Nathan Goff No.222  
47-033-5271



Section of  
Wolf Summit 7.5' Quadrangle  
and Salem 7.5' Quadrangle  
SCALE 1"=100'  
09/31/2013