

Top Hole 3,963'

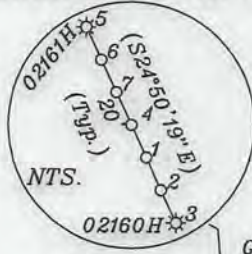
References



LATITUDE 39-30-00 N (TH)
LATITUDE 39-27-30 N (BH)

Bottom Hole 1,893'

Note: No water wells were found within 250' of the location. No dwellings or agricultural buildings were found within 625' of the center of the well pad.

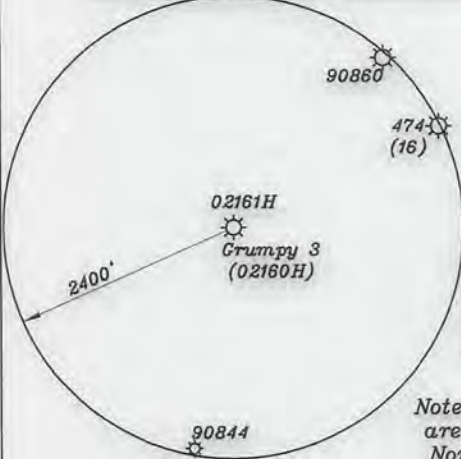


- A- Samson TM 6/19 42 Ac. Ls. T1-18
- B- Samson TM 6/20 85 Ac. Ls. T3039
- C- Westbrook TM 6/28 22.98 Ac.
- D- Kile Family Trust TM 6/27 80 Ac.
- E- Ayers TM 6/21 64.22 Ac. Ls. T3045A
- F- Westbrook 6/26 48.45 Ac.
- G- Titus TM 6/25.2 1.08 Ac. Ls. T3045B
- H- Titus TM 6/25.3 4.83 Ac. Ls. T3045B
- I- Simons & Weedon TM 6/25 82.85 Ac. Ls. T3045B
- J- Roller TM 6/22 88 Ac. Ls. T1-09
- K- Reali et al TM 6/23 58.25 Ac. Ls. T3047
- L- Headley TM 11/8 91.511 Ac. Ls. T3049
- M- Yeater TM 6/25.1 1.1 Ac.
- N- Stafford TM 6/26.2 1.331 Ac.
- O- Ayers TM 6/26.1 0.22 Ac.

Note: Lease numbers are in red.

Top Hole
Geo NAD 83- 39.467455 N, 80.764043 W
UTM NAD 83 (Meters)- 4368679.2 N, 520296.8 E
UTM NAD 83 (Feet)- 14332908.4 N, 1707007.0 E
LP1
Geo NAD 83- 39.465387 N, 80.762892 W
UTM NAD 83 (Meters)- 4368450.0 N, 520396.4 E
UTM NAD 83 (Feet)- 14332156.3 N, 1707334.0 E
Bottom Hole
Geo NAD 83- 39.447411 N, 80.756706 W
UTM NAD 83 (Meters)- 4366456.4 N, 520934.0 E
UTM NAD 83 (Feet)- 14325615.8 N, 1709097.6 E

NORTH



Note: All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats & aerial photos.

NUMBER	DIRECTION	DISTANCE
L1	S22°32'E	820'
L2	N24°56'E	3,819'
L3	N81°09'W	1,863'

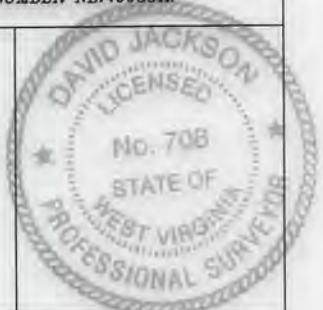
Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. 1
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION GPS
_____ submeter unit

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 ENERGY.

(SIGNED) David L Jackson
R.P.E. _____ L.L.S. 708



STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

DATE February 5, 2016
OPERATOR'S WELL NO. Grumpy 3
API WELL NO. AsDrilled

WELL TYPE: OIL GAS LIQUID INJECTION X WASTE DISPOSAL 47 - 095 - 2160H
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT

LOCATION: ELEVATION 1297.2' WATER SHED Elder Run & Woodburn Run
DISTRICT McElroy COUNTY Tyler
QUADRANGLE Shirley 7 1/2'

SURFACE OWNER Diana Woodburn Samson ACREAGE 42.00 ac.
OIL & GAS ROYALTY OWNER Diana Woodburn Samson LEASE ACREAGE 42.00 ac.

06/17/2016

LEASE NO. & ACREAGE: "See ownership list above for lease numbers"

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AsDrilled

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION Marcellus ESTIMATED DEPTH TVD=7,083' TMD=14,425'
WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
ADDRESS 1720 Rt. 22, East Union, NJ 07083 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337

LONGITUDE 80-45-00 N
Top Hole 11,855'
Bottom Hole 3,978'