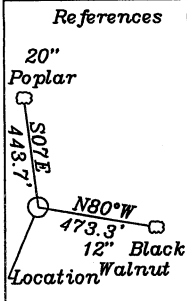


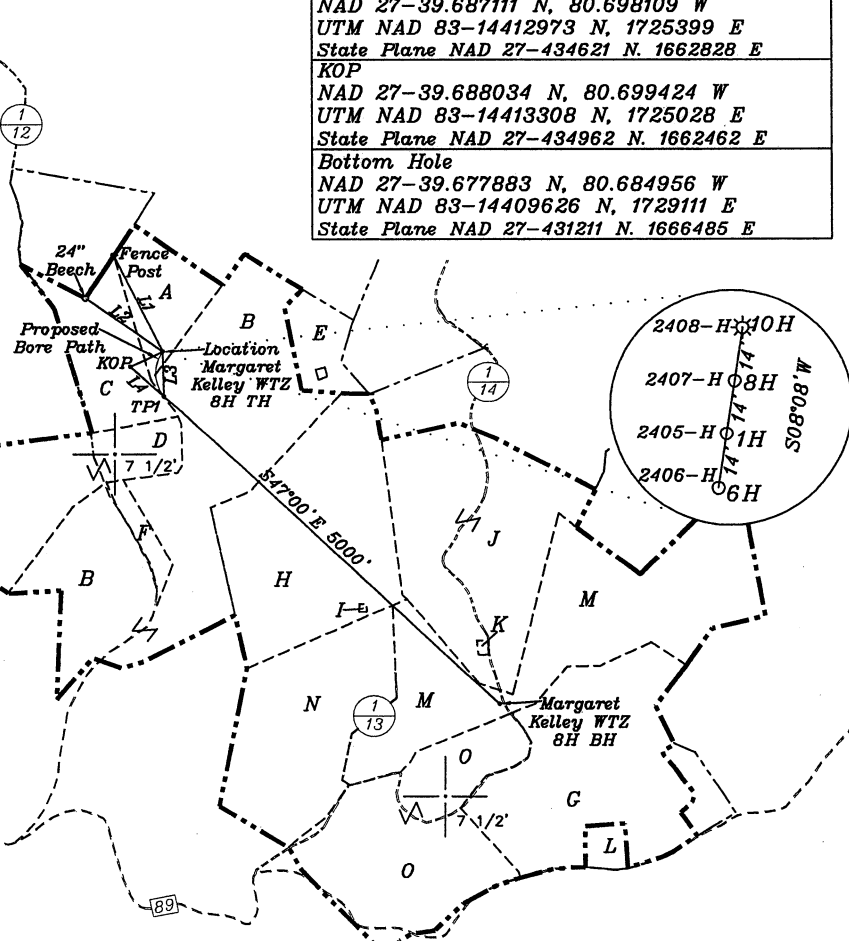
Top Hole 8,895'

Bottom Hole 5,292'
LATITUDE 39°42'30"N



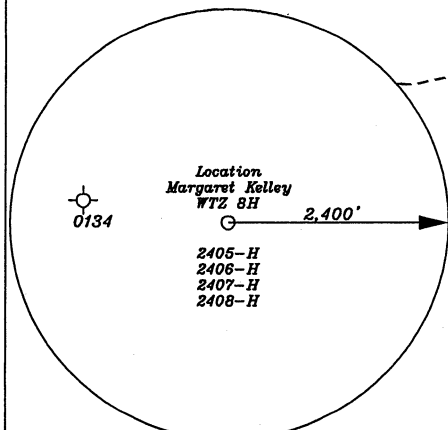
| |
|--|
| Top Hole |
| NAD 27-39.688511 N, 80.698187 W |
| UTM NAD 83-14413482.6 N, 1725375.2 E |
| State Plane NAD 27-435131.0 N, 1662813.0 E |
| TPI |
| NAD 27-39.687111 N, 80.698109 W |
| UTM NAD 83-14412973 N, 1725399 E |
| State Plane NAD 27-434621 N, 1662828 E |
| KOP |
| NAD 27-39.688034 N, 80.699424 W |
| UTM NAD 83-14413308 N, 1725028 E |
| State Plane NAD 27-434962 N, 1662462 E |
| Bottom Hole |
| NAD 27-39.677883 N, 80.684956 W |
| UTM NAD 83-14409626 N, 1729111 E |
| State Plane NAD 27-431211 N, 1666485 E |

- A- M. Kelley TM. 9-28 18 Ac.
- B- M. Kelley TM. 9-29 163.77 Ac.
- C- M. Kelley TM. 9-25 48.67 Ac.
- D- M. Kelley TM. 9-34 52 Ac.
- E- Hohman TM. 9-29.2 14.69 Ac.
- F- Postlethwait TM. 9-29.1 7.14 Ac.
- G- Wade TM. 14-4.1 94.37 Ac.
- H- Pendlebury TM. 9-38 96 Ac.
- I- Cemetery
- J- Taylor TM. 9-39 85.75 Ac.
- K- Cemetery
- L- Wade TM. 14-4.4 5 Ac.
- M- Keeney TM. 9-45 113.36 Ac.
- N- Pendlebury TM. 14-3 67.5 Ac.
- O- Messenger TM. 14-13 85.3 Ac.



LONGITUDE 80°40'00" W
 Bottom Hole 11,023'
 Top Hole 7,230'

| # | DIRECTION | DIST. |
|----|-----------|-------|
| L1 | N26°14' E | 1202' |
| L2 | N54°19' E | 1032' |
| L3 | S1°42' E | 510' |
| L4 | S47°00' E | 500' |

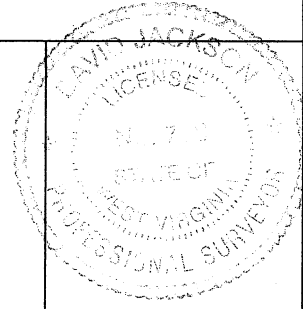


Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 2000'
 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 August 10, 2011
 OPERATOR'S WELL NO. Margaret Kelley WTZ 8H
 API WELL NO. _____

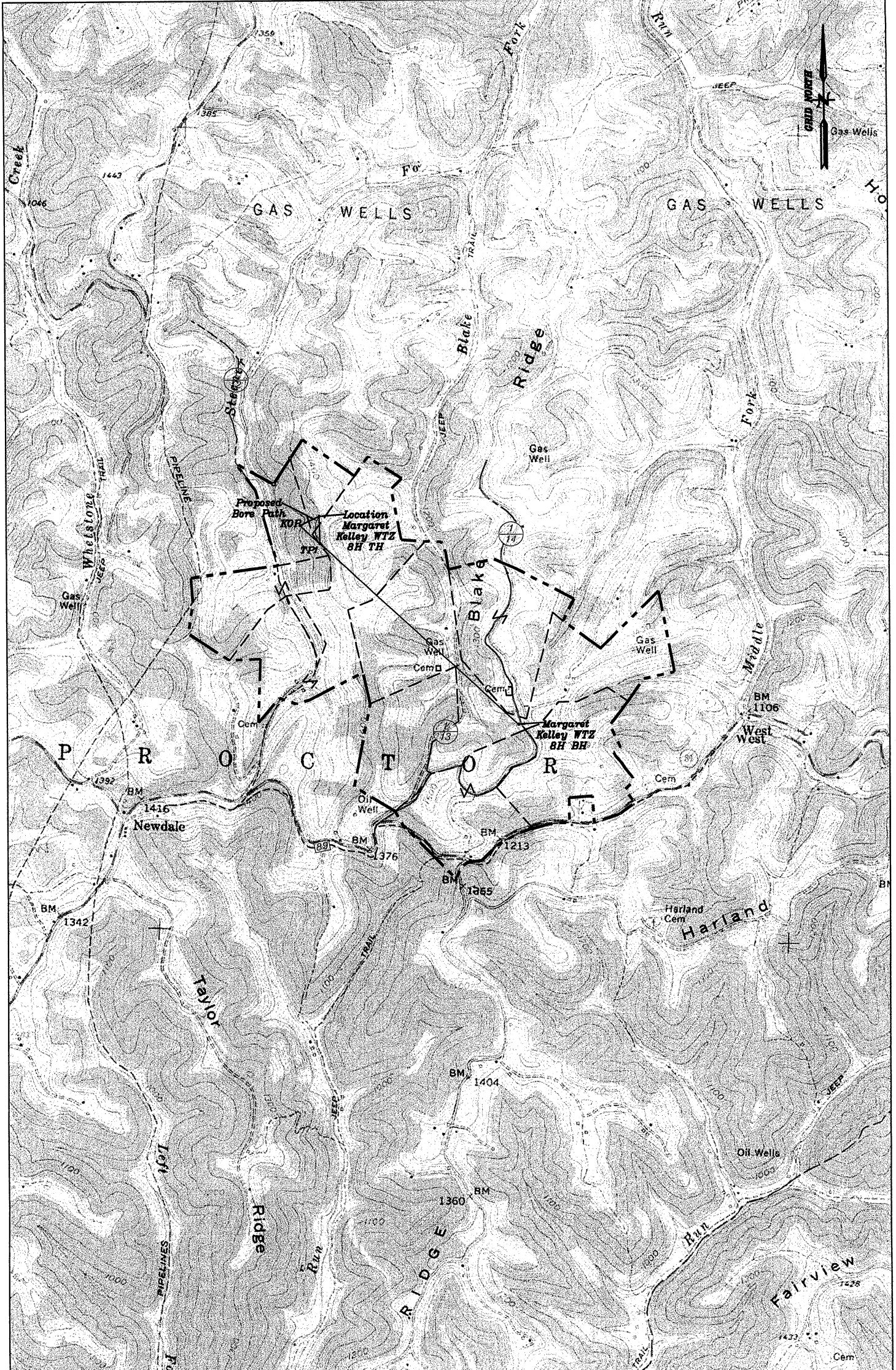
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE 47 COUNTY 103 PERMIT 02407D
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1436' WATER SHED Steener Fork
 DISTRICT Proctor COUNTY Wetzel
 QUADRANGLE Wileyville 7 1/2'

SURFACE OWNER Margaret Sue Kelly ACREAGE 18 Ac.
 OIL & GAS ROYALTY OWNER Opal Blake ACREAGE 686.97 Ac.
 LEASE NO. 1-254756-000 (TM.9-28), 1-254757-000 (TM.9-29), 1-254828-000 (TM.9-25), 1-254824-000 (TM.9-38), 1-251354-001 to 009 (TM.14-3), 1-254810-000 (TM.9-39), 1-254812-000 (TM.9-45)

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Marcellus ESTIMATED DEPTH 7275' + Horizontal Leg
 WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Eric B. Gillespie
 ADDRESS P.O. Box 18496 Oklahoma City, OK 73154-0496 ADDRESS P.O. Box 6070 Charleston, WV 25362



Well: Fork Ridge MSH 8H
 Quad: Glen Easton 7 1/2'
 District: Cameron
 County: Marshall

