

LON: 80°43'41.7"

5615'

LAT: 39°32'30"

LON: 80°42'30"

11415'

LAT: 39°30'37.2"

SURVEY NOTES

1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to WV SPC 83 NORTH

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

3 - No Title Opinion was provided to the Surveyor during this survey. This survey is subject to a complete Title Opinion.

UTM Coordinates
(Zone 17N-NAD 1983)

Surface N-4,373,455m.
E-523,377m.



CALLS ON LEASE LINE
TAKEN FROM OLD DEED
& OLD WELL PLAT

**MAP OF
PERKINS OIL AND GAS, INC
WILLIAM KERNAN LEASE**

NORTH

TM 22-05
JONES
76 AC. +/-

TM 22-40
JONES
16 AC. +/-

TM 20-31
CRABTREE
68.95 AC. +/-

TM 20-44
CRABTREE
4.5 AC. +/-

TM 22-07
DAMOULOS
29.4 AC. +/-

MARKED STONE
FOUND

TM 22-14.1
CRABTREE

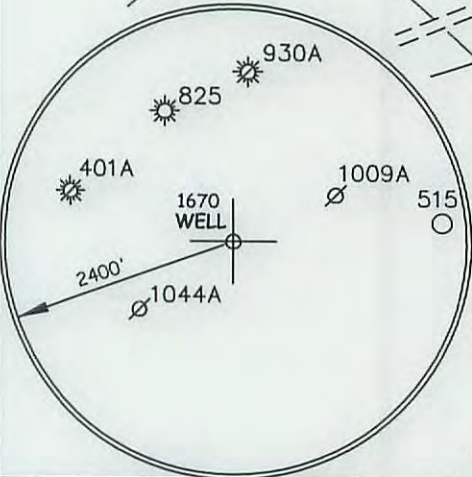
EXISTING
WELL

TM 22-14.1
CRABTREE
46.8 AC. +/-

TM 22-6
SLOAN
21.23 AC. +/-

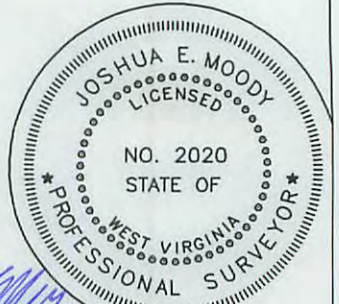
TM 22-14
SLOAN
9.47 AC. +/-

TM 22-19
COASTAL LUMBER
155.3 AC. +/-



⊕ DENOTES LOCATION OF WELL ON U.S. TOPO MAPS.

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



JOB # 751708
DRAWING # 751708 KERNAN
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY SUB-METER
PROVEN SOURCE OF ELEV. MAPPING GRADE GPS



CESO, INC
211 WASHINGTON STREET
ST. MARYS, WV 26170

JOSHUA E. MOODY, P.S. 2020

DATE 8/25/15
OPERATOR'S WELL
WILLIAM KERNAN # 1

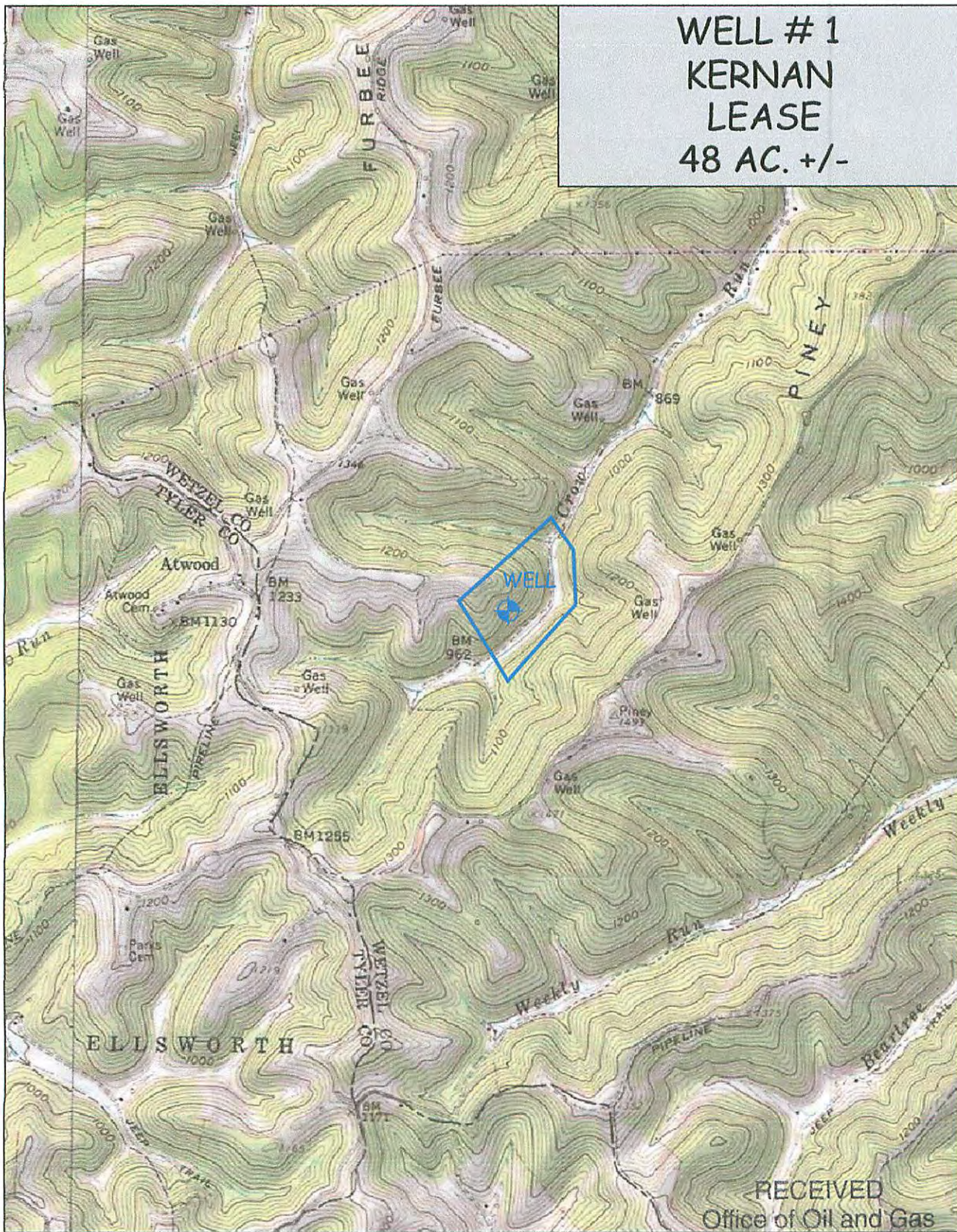
WEST VIRGINIA DEPARTMENT
OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1095' WATERSHED CROWS RUN API WELL # _____
DISTRICT GREEN COUNTY WETZEL 47 - 103 - 01670? COUNTY NAME PERMIT
QUADRANGLE PINE GROVE 7.5' STATE COUNTY PERMIT

SURFACE OWNER TONY CRABTREE ETAL ACREAGE 41.8 ACRES +/-
OIL & GAS ROYALTY OWNER Joseph & Minnie Shiben Est., or heirs/assigns LEASE ACREAGE 48 ACRES +/-
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION GORDON ESTIMATED DEPTH 2953' +/-
WELL OPERATOR PERKINS OIL & GAS INC. DESIGNATED AGENT CLINTON PERKINS
ADDRESS P.O. BOX 547 ADDRESS P.O. BOX 547
PENNSBORO, WV 26415 PENNSBORO, WV 26415

11/13/2015

WELL # 1
KERNAN
LEASE
48 AC. +/-



RECEIVED
Office of Oil and Gas

DmH
10-14-15

NOV 04 2015

CESO, INC.
211 WASHINGTON ST. ST. MARYS, WV 26170
(304) 684-7773

TOPO SECTION OF PINE GROVE 7.5'
JOB # 751708 WV Department of Energy

Environmental Protection

11/13/2015