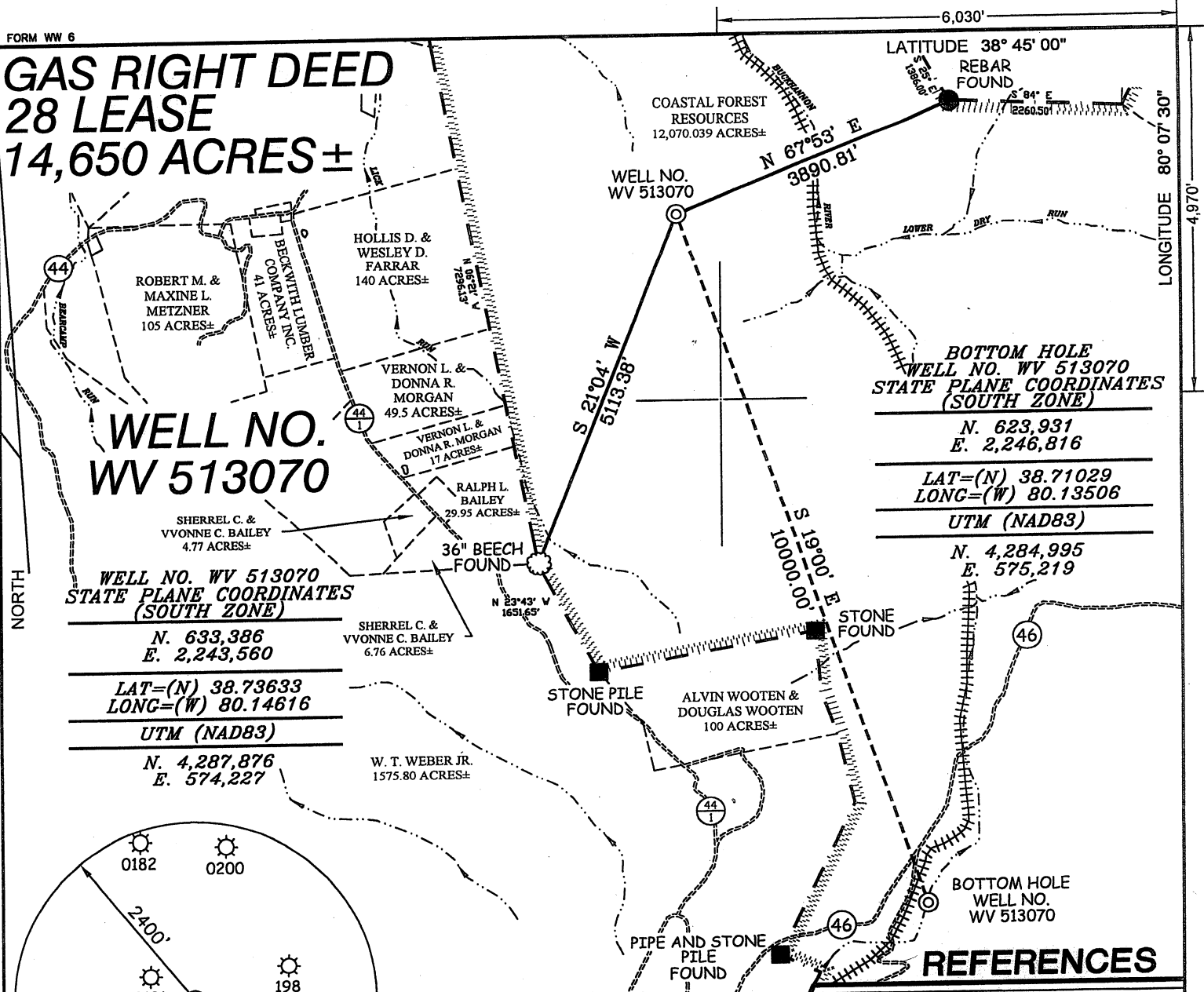


GAS RIGHT DEED 28 LEASE 14,650 ACRES ±



**WELL NO.
WV 513070**

**BOTTOM HOLE
WELL NO. WV 513070
STATE PLANE COORDINATES
(SOUTH ZONE)**

N. 623,931
E. 2,246,816

LAT=(N) 38.71029
LONG=(W) 80.13506

UTM (NAD83)

N. 4,284,995
E. 575,219

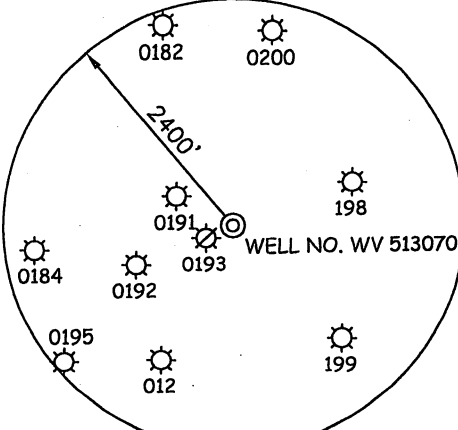
**WELL NO. WV 513070
STATE PLANE COORDINATES
(SOUTH ZONE)**

N. 633,386
E. 2,243,560

LAT=(N) 38.73633
LONG=(W) 80.14616

UTM (NAD83)

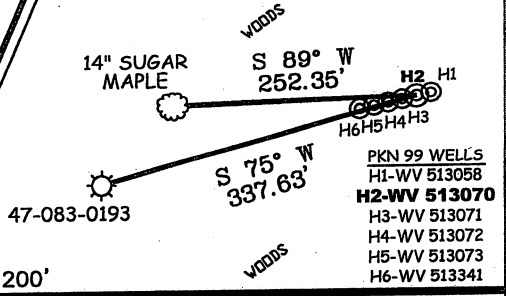
N. 4,287,876
E. 574,227



NOTES ON SURVEY

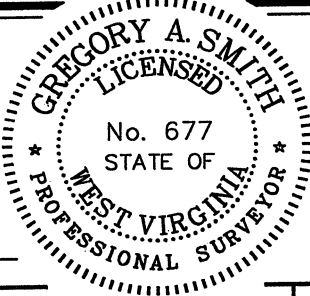
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 03/31/10.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 241 PAGE 408.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF UPSHUR COUNTY IN MARCH, 2010.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE AUGUST 11, 20 10
OPERATORS WELL NO. WV 513070
API WELL NO. 47-083-01225H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 6985P513070R (298-05)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2000'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

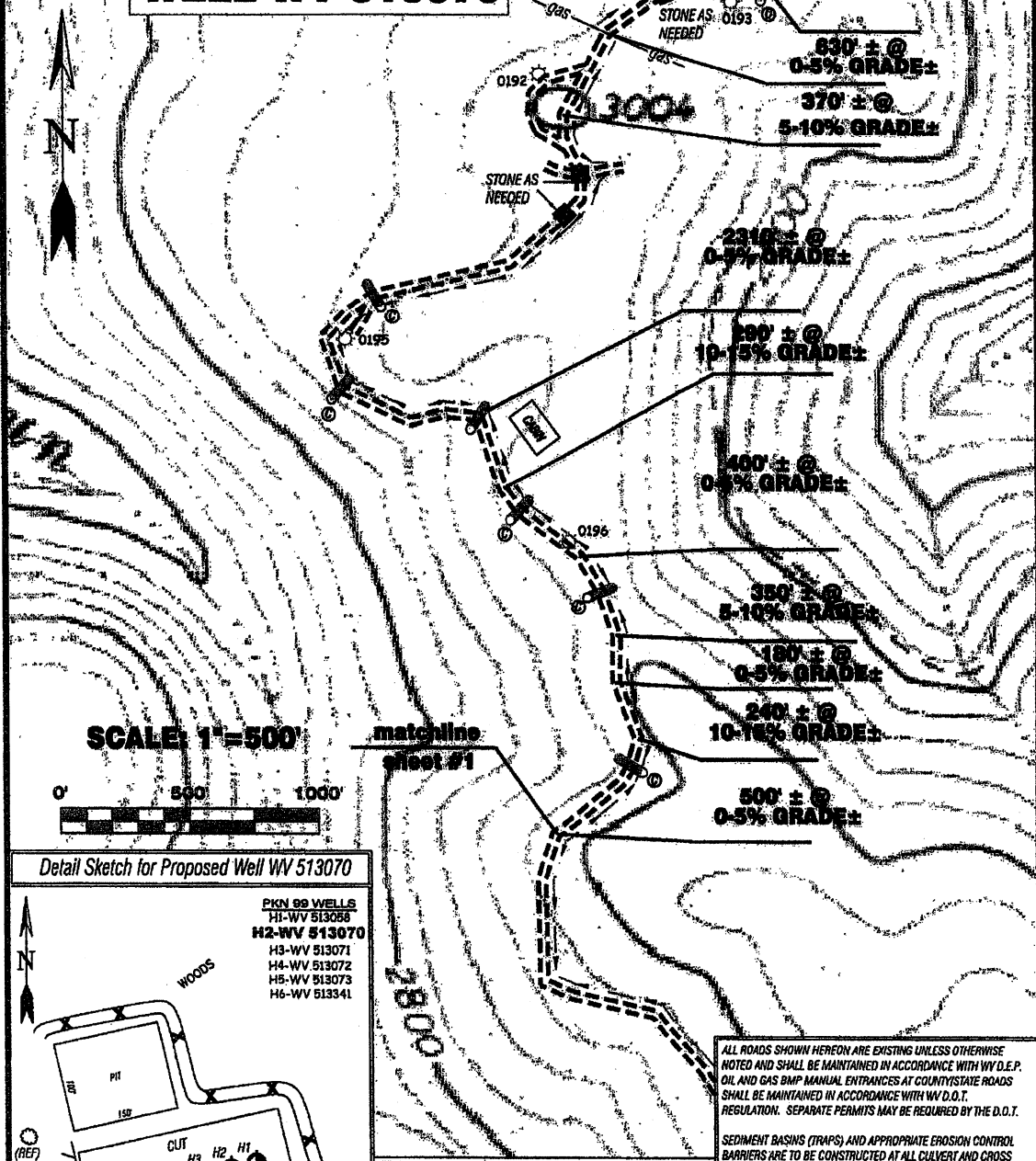
LOCATION: ELEVATION 2,967' WATERSHED LEFT FORK BUCKHANNON RIVER
DISTRICT MIDDLE FORK COUNTY RANDOLPH QUADRANGLE PICKENS 7.5'

SURFACE OWNER COASTAL FOREST RESOURCES ACREAGE 12,070.04±
ROYALTY OWNER EQT PRODUCTION COMPANY LEASE ACREAGE 14,650±
PROPOSED WORK: LEASE NO. 190028
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH _____

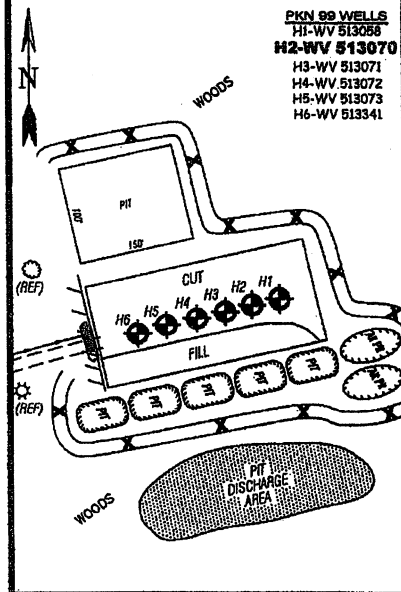
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302

**GAS RIGHT DEED 28 LEASE
WELL WV 513070**

**PROPOSED
GAS WELL
WV 513070**



Detail Sketch for Proposed Well WV 513070



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

**TOPO SECTION OF
USGS ALTON 7.5' QUADRANGLE**

**PROPOSED CULVERT INVENTORY
(FOR BID PURPOSES ONLY)**

12" (MINIMUM) CULVERTS	21
15" (MINIMUM) CULVERTS	1

ADDITIONAL CULVERTS AND/OR OTHER DRAINAGE STRUCTURES & SEDIMENT CONTROL DEVICES MAY BE REQUIRED BY THE WV D.E.P. OIL & GAS INSPECTOR. OPERATOR IS RESPONSIBLE FOR COORDINATION WITH CONTRACTOR AND SLS REGARDING ANY CHANGES OR ADDITIONS THE STATE MAY REQUIRE.

Projected Earthen Disturbance Area

Well Location Site	5.00 ac. +/-
Access Road & Pits	8.07 ac. +/-
Approximate Total Disturbance	13.07 ac. +/-

- = EXISTING CULVERT
- = PROPOSED CULVERT 12" MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING (IF APPLIES)
- = CONSTRUCT BROAD BASED DIP DETAIL

SLS
SMITH LAND SURVEYING, INC.
P.O. BOX 150 GLENVILLE, WV, 26351
PH: (304)462-5634 FAX: (304)462-5656 E-MAIL: sls@rtol.net

DRAWN BY K.E.S.	FILE NO. 6985	DATE 08/10/10	CADD FILE: 6885REC/WV513070.DWG
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