

LATITUDE 38°42'30"

SUN LUMBER COMPANY LEASE WELL NO 3MH

**WELL NO. 3MH
STATE PLANE COORDINATES
(SOUTH ZONE NAD 27)**

N. 618,690
E. 2,161,637

WELL NO. 3MH (NAD 27)
LAT=(N) 38.69787
LONG=(W) 80.46870

WELL NO. 3MH (NAD 27)
LAT=(N) 38°41'52.3"
LONG=(W) 80°28'07.3"

UTM (NAD 83) (METERS)
N. 4,283,395
E. 546,218

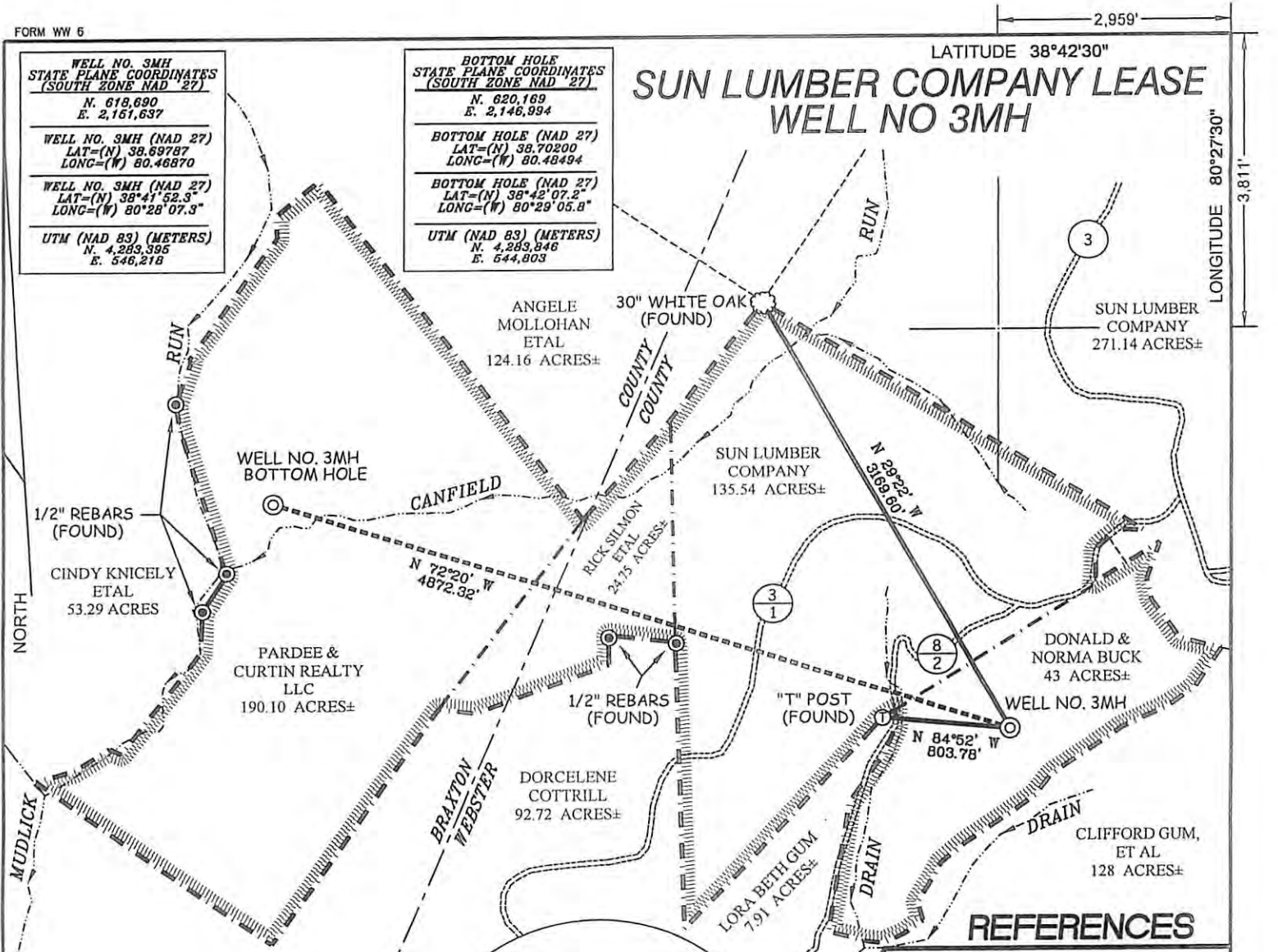
**BOTTOM HOLE
STATE PLANE COORDINATES
(SOUTH ZONE NAD 27)**

N. 620,169
E. 2,146,994

BOTTOM HOLE (NAD 27)
LAT=(N) 38.70200
LONG=(W) 80.48494

BOTTOM HOLE (NAD 27)
LAT=(N) 38°42'07.2"
LONG=(W) 80°29'05.8"

UTM (NAD 83) (METERS)
N. 4,283,346
E. 544,803



NOTES ON SURVEY

1. TIES TO WELLS, REFERENCES, AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM MISC. BOOK 9 PAGE 271 AND ADJOINING DEEDS.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WEBSTER & BRAXTON COUNTIES IN JULY, 2012.
4. WELL COORDINATES ESTABLISHED BY DGPS (SURVEY GRADE).



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 OCTOBER 5, 20 12
OPERATORS WELL NO. 3MH
API WELL NO. 47-101-00124H6A
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7616P3MH(422-66)
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 1,000'

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 1,786' WATERSHED LEFT FORK OF HOLLY RIVER
DISTRICT HACKER VALLEY COUNTY WEBSTER QUADRANGLE HACKER VALLEY 7.5'

SURFACE OWNER DONALD & NORMA BUCK ACREAGE 43±
ROYALTY OWNER DONALD & NORMA BUCK, ET AL LEASE ACREAGE 43, 135.54, 24.75, & 190.10±

PROPOSED WORK: 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 6,825'

WELL OPERATOR ENERGY CORPORATION OF AMERICA DESIGNATED AGENT RODNEY A. WINTERS
ADDRESS 501 56TH STREET S.E. ADDRESS 501 56TH STREET S.E.
CHARLESTON, WV 25304 CHARLESTON, WV 25304

12/28/2012

SUN LUMBER COMPANY LEASE WELL NO. 3MH

SUN LUMBER COMPANY
TAX MAP 6C PARCEL 1
135.54 ACRES

LORA GUM
TAX MAP 6C PARCEL 15
7.25 ACRES

DONALD & NORMA BUCK
TAX MAP 6C PARCEL 12.2
43 ACRES

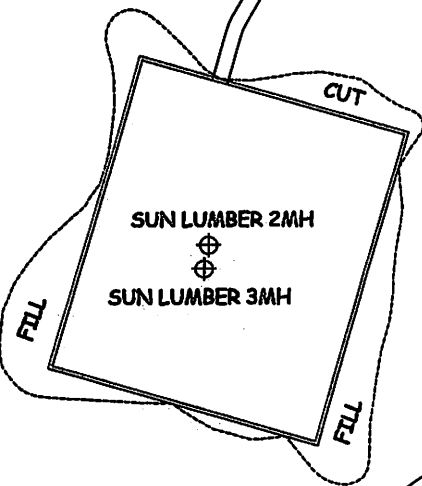
CLIFFORD GUM, ET AL
TAX MAP 6C PARCEL 12.1
128 ACRES

SEE PAD & PIT DETAIL SITE PLAN
FOR SUN LUMBER COMPANY 2MH
& 3MH FOR DETAILED EROSION &
SEDIMENT CONTROLS TO BE
APPLIED.

*JMC Count
10-15-12*

LEASE/SURFACE LINE

LEASE/SURFACE LINE



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
HACKER VALLEY 7.5' QUADRANGLE

SEE PAD & PIT DETAIL SITE PLAN FOR SUN LUMBER COMPANY 2MH & 3MH FOR DETAILED EROSION & SEDIMENT CONTROLS TO BE APPLIED.

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.

- = EXISTING CULVERT
- = PROPOSED CULVERT 12" MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING (IF APPLIES)
*SEE ATTACHED TABLE FOR CULVERT DETAIL

SLS
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DRAWN BY C.P.M.	FILE NO. 7616	DATE 10-5-12	CADD FILE: 7816REC3MH.DWG
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