

MAXWELL LEASE 2,400 ACRES± WELL NO. WV 510816

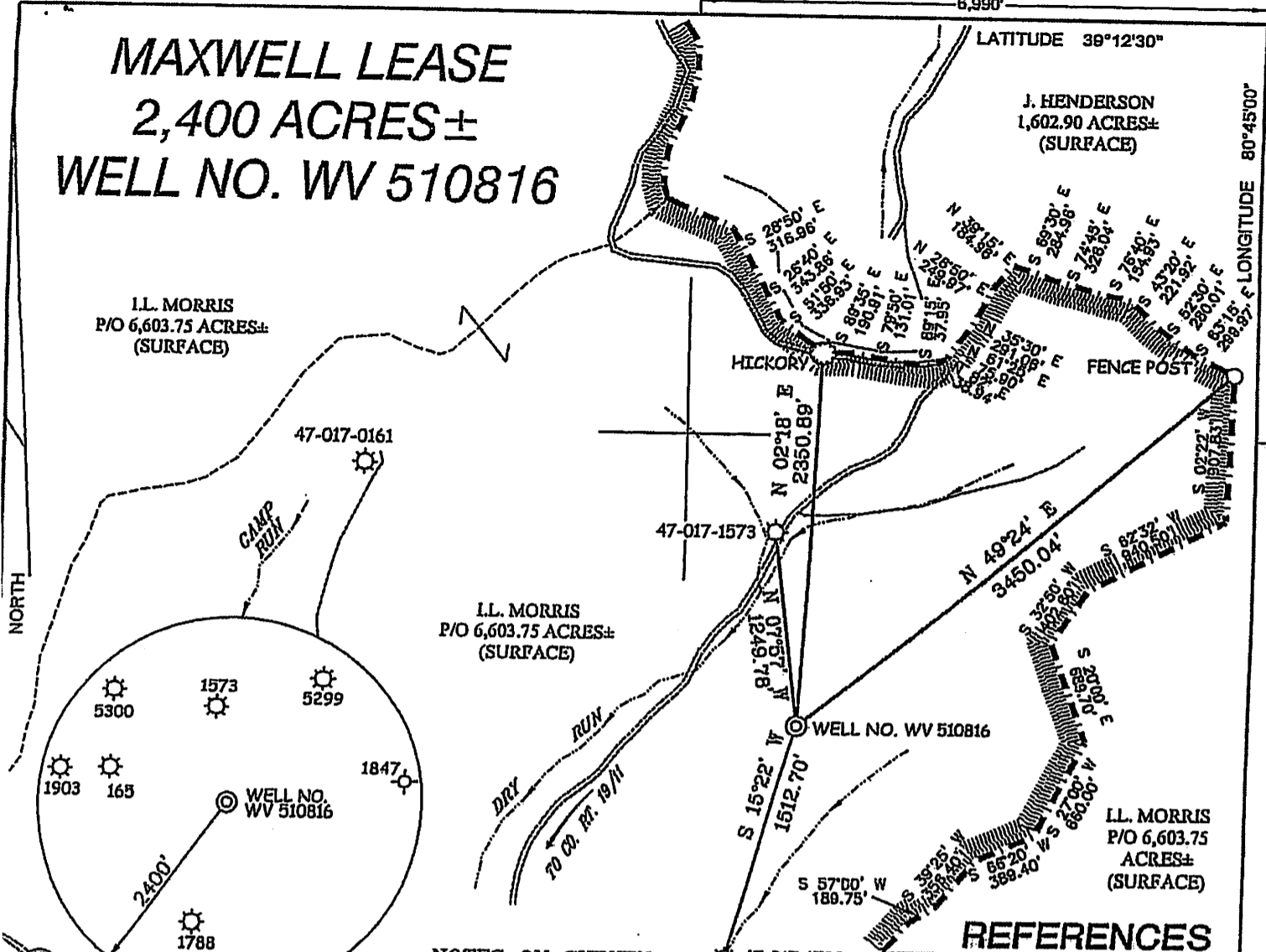
LATITUDE 39°12'30"

J. HENDERSON
1,602.90 ACRES±
(SURFACE)

LONGITUDE 80°45'00"

I.L. MORRIS
P/O 6,603.75 ACRES±
(SURFACE)

NORTH



I.L. MORRIS
P/O 6,603.75 ACRES±
(SURFACE)

I.L. MORRIS
P/O 6,603.75
ACRES±
(SURFACE)

WELL NO. WV 510816
TATE PLANE COORDINATES
(NORTH ZONE)
N. 255,255
E. 1,638,711

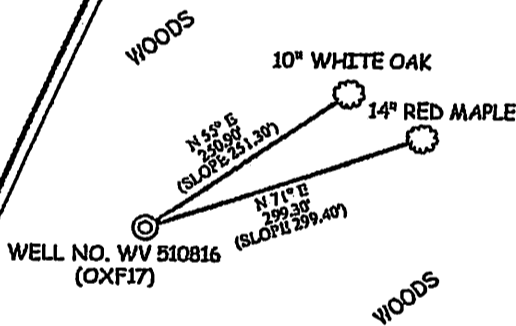
LAT=(N) 39.193788
LONG=(W) 80.774753



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 02/09/08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED BOOK 28 PAGE 207 & 210 AND LEASE BOOK 14 PAGE 376.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2007.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

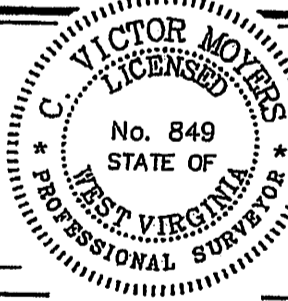
REFERENCES



1" = 200'

I THE UNDERSIGNED, HEREBY CERTIFY THAT HIS 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.

S. *Gregory A. Smith*



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

DATE FEBRUARY 14, 20 08

OPERATOR'S WELL NO. WV 510816

API WELL NO. 47-017-056269
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 3959P510816 (249-75)
SOURCE OF ELEVATION DGPS (SUBMETER MAPPING 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

ELEVATION 1,228' WATERSHED TRIBUTARY OF SOUTH FORK HUGHES RIVER
DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER I.L. MORRIS ACREAGE 6,603.75±
LEASE OWNER W.B. MAXWELL HEIRS LEASE ACREAGE 2,400±
LEASE NO. 090490

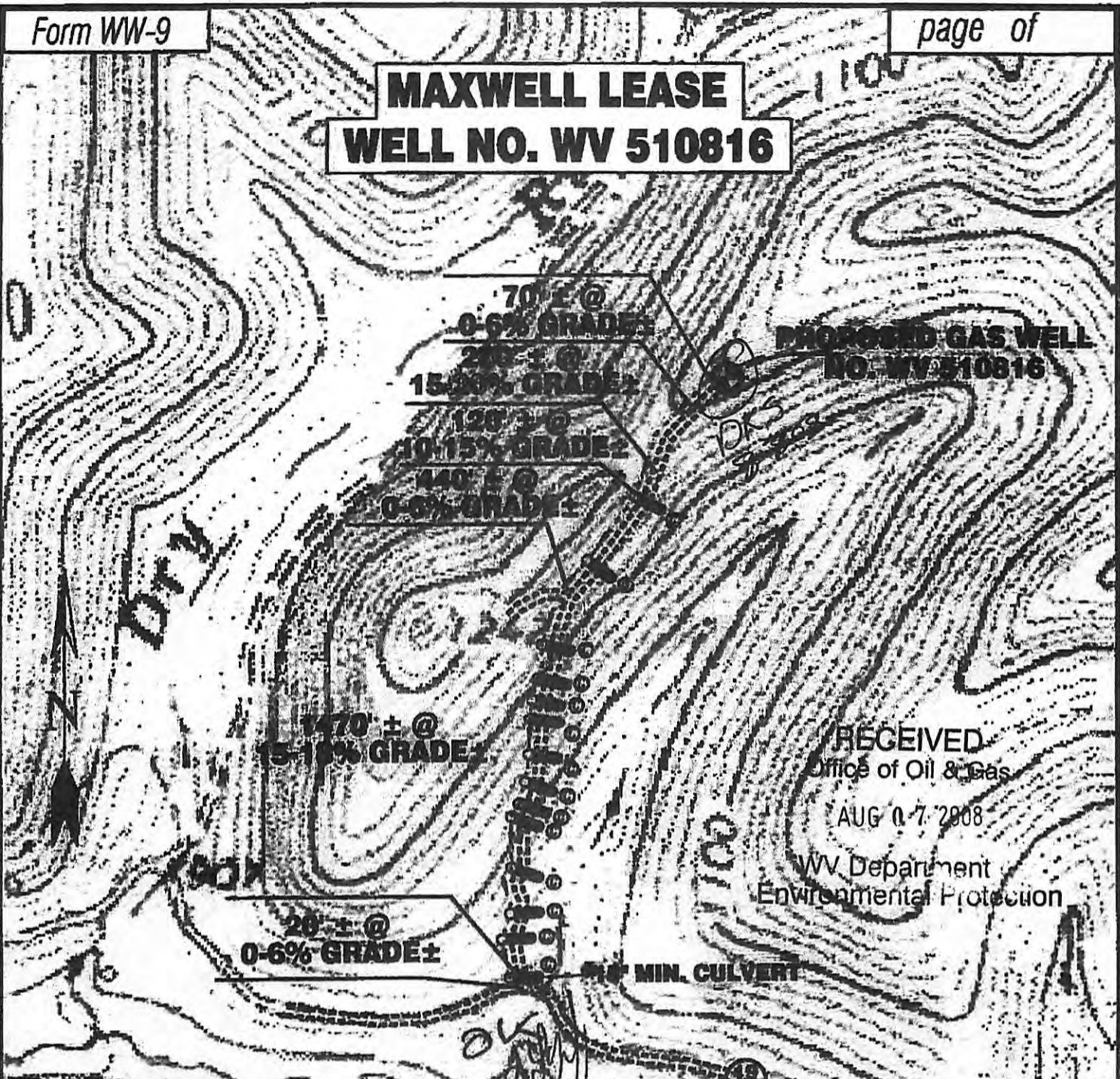
PROPOSED WORK:
WELL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD
FORMATION PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___

PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION ESTIMATED DEPTH

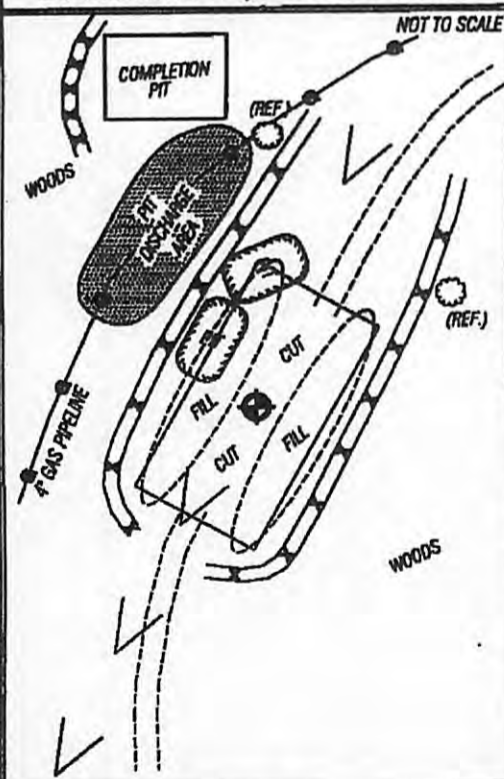
OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT Rex C. Ray
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS P.O. Box 280
CHARLESTON, WV 25302 Bridgeport WV 26330

COUNTY NAME PERMIT

**MAXWELL LEASE
WELL NO. WV 510816**



Detail Sketch for Proposed Well WV 510816



SCALE: 1" = 500'
500' 1000'

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

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

12" (MINIMUM) CULVERTS	13 CUL
15" (MINIMUM) CULVERTS	1 CUL

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	1.61 ac. +/-
Approximate Total Disturbance	6.61 ac. +/-

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).

LEGEND:
 = EXISTING CULVERT
 = PROPOSED CULVERT 12" MIN UNLESS OTHERWISE NOTED
 = PROPOSED STREAM CROSSING (IF APPLIES)
 *SEE ATTACHED TABLE FOR CULVERT 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: O.L.P. FILE NO: 3959 DATE: 07/30/08 CADD FILE: 2008073008.DWG