west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

November 20, 2013

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1705626, issued to EQT PRODUCTION COMPANY, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalities being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

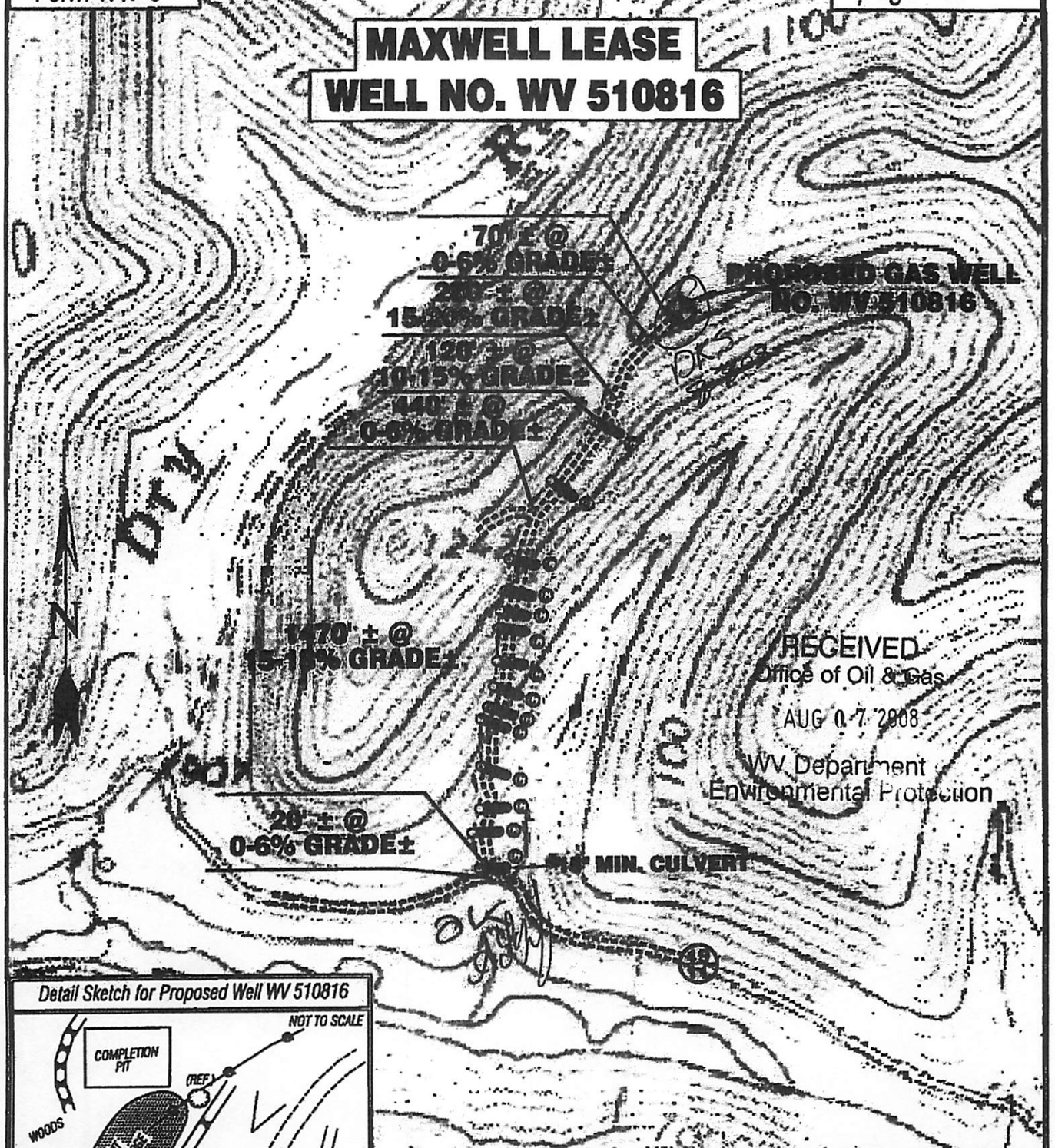
Operator's Well No: MAXWELL 510816
Farm Name: MORRIS, I. L.
API Well Number: 47-1705626
Permit Type: Plugging
Date Issued: 11/20/2013

Promoting a healthy environment.

Form WW-9

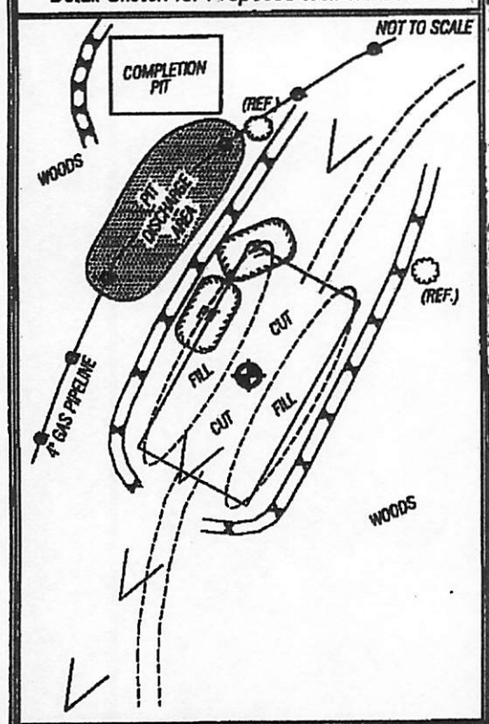
page of

MAXWELL LEASE
WELL NO. WV 510816



RECEIVED
Office of Oil & Gas
AUG 07 2008
WV Department
Environmental Protection

Detail Sketch for Proposed Well WV 510816



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)

= EXISTING CULVERT

= PROPOSED CULVERT 12" MIN UNLESS OTHERWISE NOTED

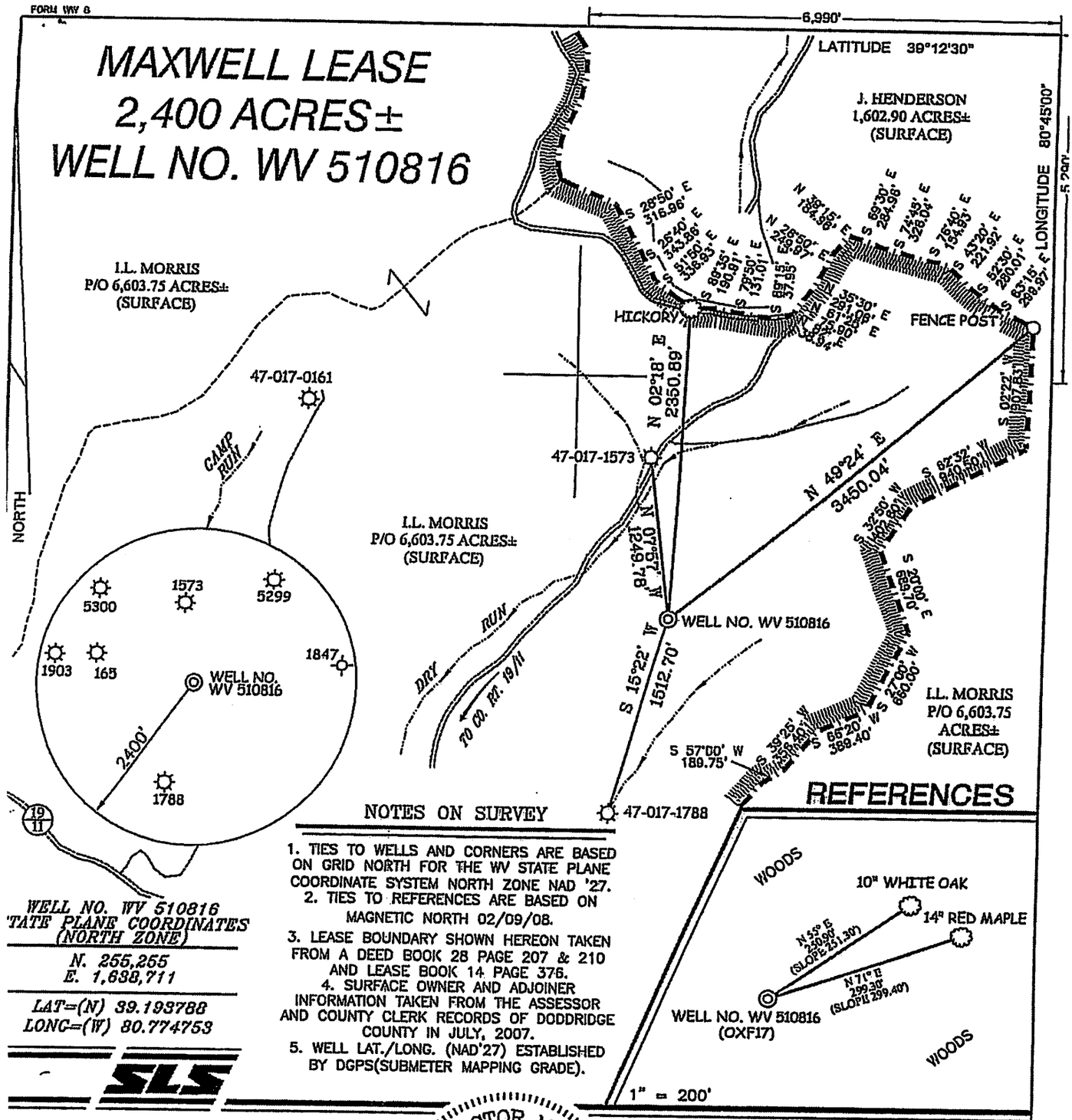
= PROPOSED STREAM CROSSING (IF APPLIES)
*SEE ATTACHED TABLE FOR CULVERT DETAIL

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

DRAWN BY	FILE NO.	DATE	CADD FILE:
D.L.P.	3959	07/30/08	

FORM WV 6

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



REFERENCES

WELL NO. WV 510816
STATE PLANE COORDINATES
(NORTH ZONE)

N. 255,255
E. 1,638,711

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

SLS

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).

I THE UNDERSIGNED, HEREBY CERTIFY THAT HIS PLAT IS CORRECT TO THE BEST OF MY NOWLEDGE AND BELIEF AND SHOWS ALL HE INFORMATION REQUIRED BY LAW AND HE REGULATIONS ISSUED AND PRESCRIBED Y THE DIVISION OF ENVIRONMENTAL PROTECTION.

S.
9 Gregory A. Smith

C. VICTOR MOYERS
LICENSED
No. 849
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR

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

DATE FEBRUARY 14, 20 08

OPERATORS WELL NO. WV 510816

API WELL NO. 47 — 017 — 05626P
STATE COUNTY PERMIT

NIMUM DEGREE
: ACCURACY 1 / 200 FILE NO. 3959P510816 (249-75)
SCALE 1" = 1,000'
:OVEN SOURCE
ELEVATION DGPS (SUBMETER MAPPING GRADE)

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

ELL
PE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

CATION:
ELEVATION 1,228' WATERSHED TRIBUTARY OF SOUTH FORK HUGHES RIVER
DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'
RFACE OWNER I.L. MORRIS ACREAGE 6,603.75±
YALTY OWNER W.B. MAXWELL HEIRS LEASE ACREAGE 2,400±
OPOSED WORK: LEASE NO. 090490
LL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD
RMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___
'SICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION ___
ESTIMATED DEPTH ___

COUNTY NAME

PERMIT

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