

LILLIE MAPLE LEASE
182 ACRES±
WELL NO. 1
A.P.I. 47-085-03395

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 305,161 E. 1,578,683
 NAD'27 GEO. LAT.(N) 39.328258 LONG.(W) 80.989434
 NAD'83 UTM (M) N. 4,353,214 E. 500,925

NOTES ON SURVEY

1. TIES TO CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. HIGHLIGHTED LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 144 AT PAGE 436.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2013.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(MAPPING GRADE).

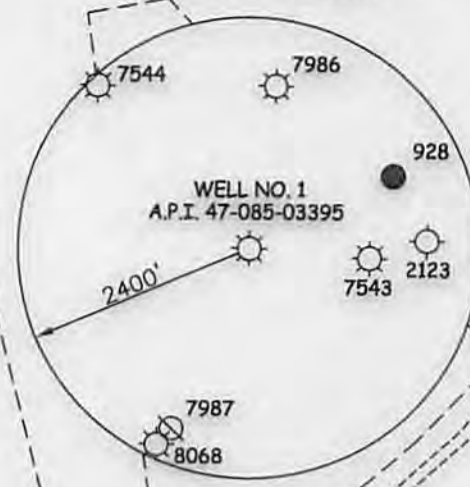
NAD'27 GRID NORTH

8,798'

LATITUDE 39°20'00"

LONGITUDE 80°57'30"

1,849'



D. JEFFREY &
 JASON D. MARTIN
 67.174 ACRES±
 TM 13-2

JEFFREY &
 JASON D. MARTIN
 24 ACRES±
 TM 13-2.1

DENNIS R.
 BLANKENSHIP
 1.44 ACRES±
 TM 13-8.4

DON & VIRGINIA
 COMER
 102 ACRES±
 TM 13-3

DENNIS R.
 BLANKENSHIP
 11.94 ACRES±
 TM 13-6.4

API 47-085-03395
 WELL NO. 1

47-085-7543

DENNIS R.
 BLANKENSHIP
 180.52 ACRES±
 TM 13-8

WESLEY S. &
 KARLA J. EZELL
 12.301 ACRES±
 TM 13-6.3

DENNIS R.
 BLANKENSHIP
 106.832 ACRES±
 TM 13-8.1



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 APRIL 07 , 20 14
 REVISED _____ , 20 ____
 OPERATORS WELL NO. _____ 1
 API WELL NO. 47 - 085 - 03395P
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8065P3395
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SUBMETER MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 500'

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

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

LOCATION: ELEVATION 849' WATERSHED BONDS CREEK
 DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER DENNIS R. BLANKENSHIP ACREAGE 180.52±
 ROYALTY OWNER LILLIE MAPLE HEIRS AND / OR ASSIGNS ACREAGE 182±
 PROPOSED WORK: LEASE NO. _____

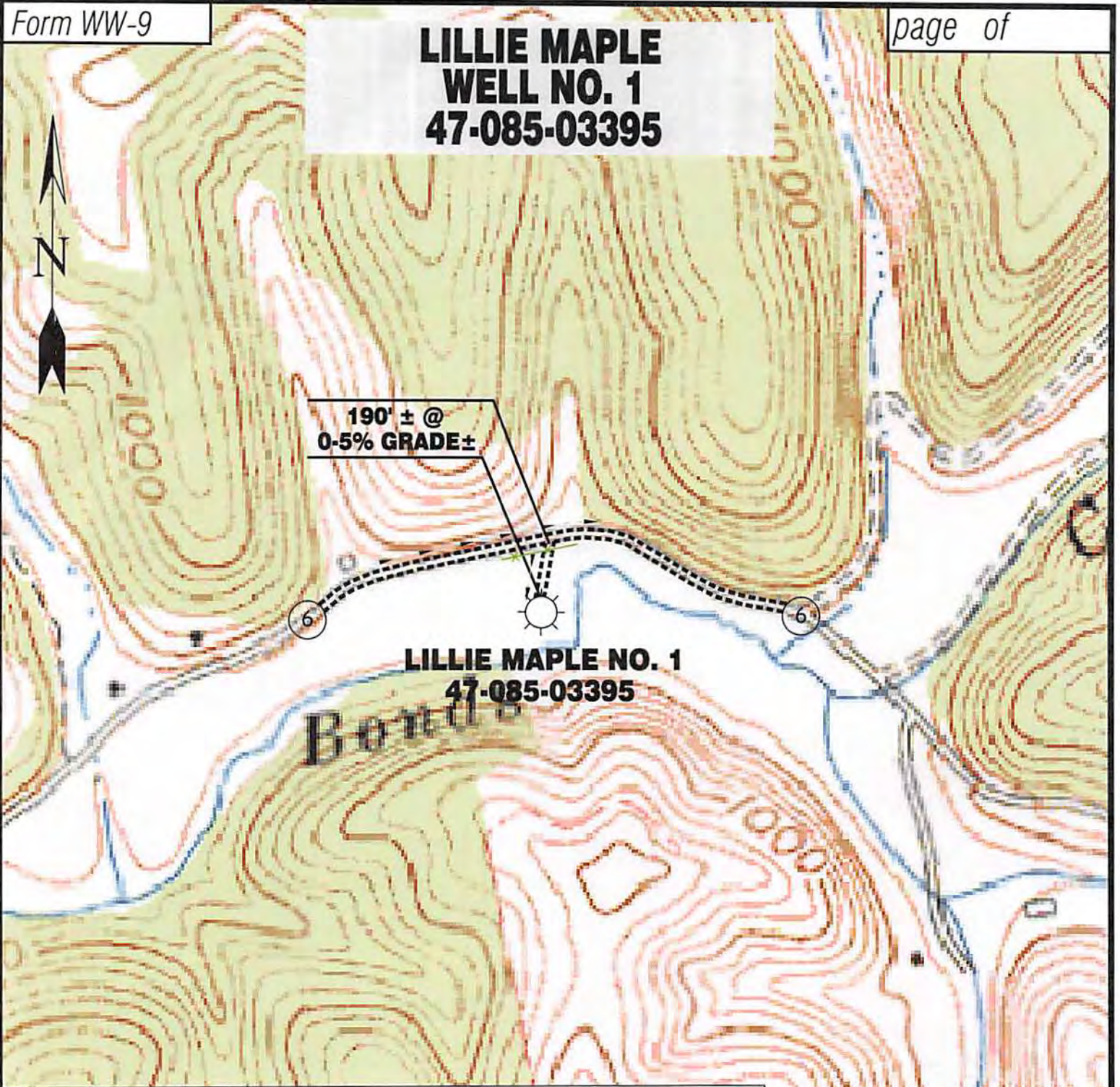
DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON X CLEAN OUT AND REPLUG _____ OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION _____ ESTIMATED DEPTH 1916

WELL OPERATOR PERKINS OIL & GAS DESIGNATED AGENT CLINTON PERKINS
 ADDRESS P.O. BOX 547 ADDRESS P.O. BOX 547
 PENNSBORO, WV 26415 PENNSBORO, WV 26415

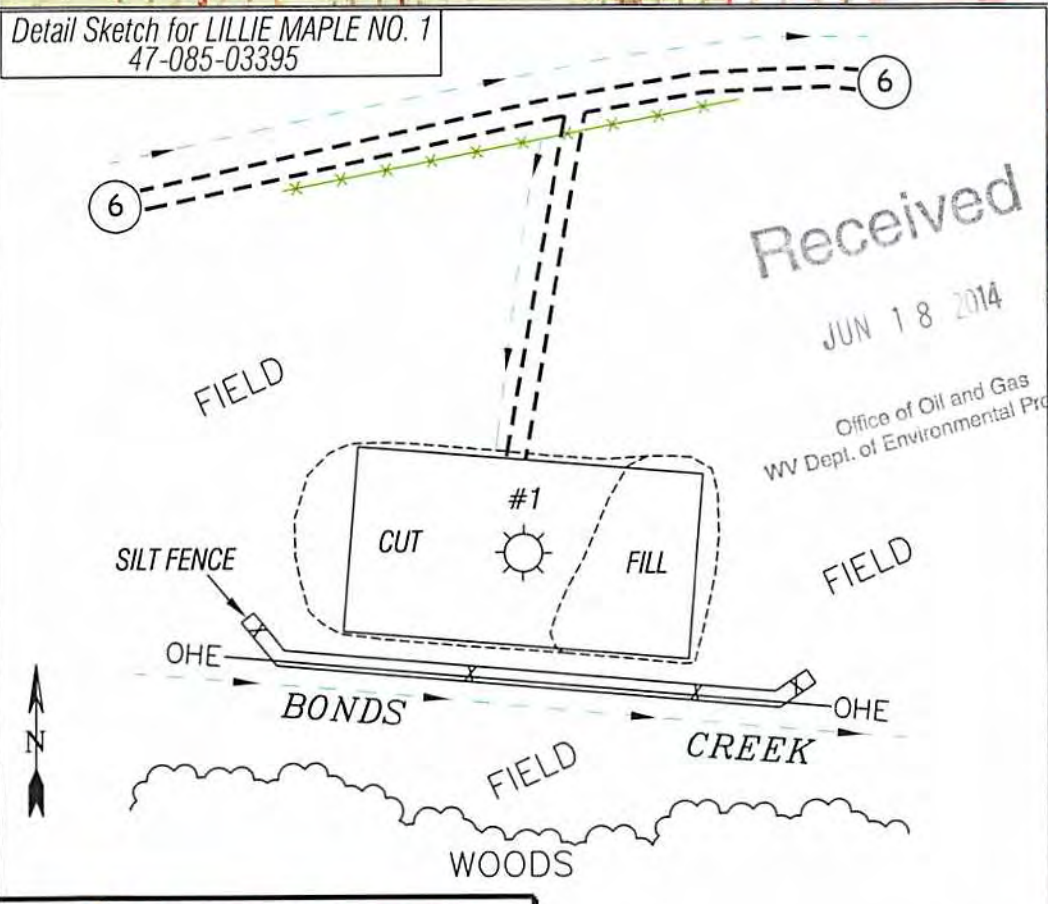
07/11/2014

COUNTY NAME
 PERMIT

LILLIE MAPLE WELL NO. 1 47-085-03395



Detail Sketch for LILLIE MAPLE NO. 1
47-085-03395



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 CULBERT
- = PROPOSED CULBERT 12" MIN UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = APPROXIMATE LIMITS OF DISTURBANCE

Not To Scale

Professional Energy Consultants
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PROJECT MGMT.

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DRAWN BY K.G.M.	FILE NO. 8065	DATE 04/07/14	CADD FILE: 8065REC1.dwg
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TOPO SECTION OF PENNSBORO 7.5'
USGS TOPO QUADRANGLE

07/11/2014