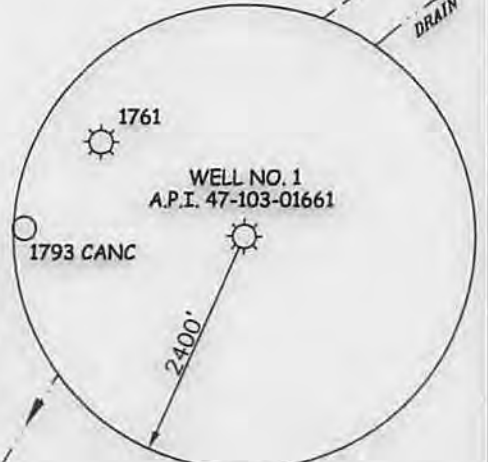


A.J. BRIGGS LEASE
122.5 ACRES±
WELL NO. 1
A.P.I. 47-103-01661

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 433,659 E. 1,642,098
 NAD'27 GEO. LAT-(N) 39.683688 LONG-(W) 80.771715
 NAD'83 UTM (M) N. 4,392,684 E. 519,592



- 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 393 AT PAGE 607.
 3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2013.
 4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(MAPPING GRADE).

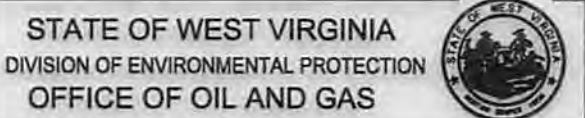


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE APRIL 04, 20 14
 REVISED _____, 20 ____
 OPERATORS WELL NO. A.J. BRIGGS #1
 API WELL NO. 47 - 103 - 01661 P
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8208P1661
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 500'



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

LOCATION: ELEVATION 1,188' WATERSHED TRIBUTARY OF PROCTOR CREEK
 DISTRICT PROCTOR COUNTY WETZEL QUADRANGLE NEW MARTINSVILLE 7.5'

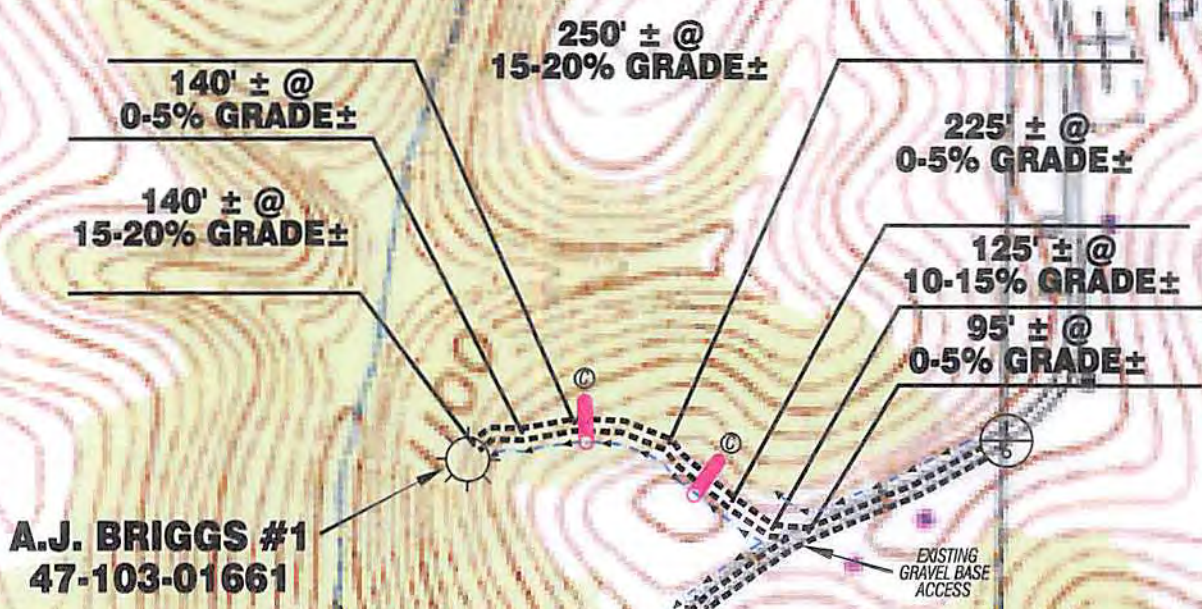
SURFACE OWNER MARK CECIL ET AL ACREAGE 17.333±
 ROYALTY OWNER ELIZABETH BRIGGS HEIRS AND / OR ASSIGNS ET AL ACREAGE 122.5±

PROPOSED WORK: 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 GORDON
 ESTIMATED DEPTH 2,900'

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

08/22/2014

A.J. BRIGGS #1 47-103-01661



SCALE: 1"=500'

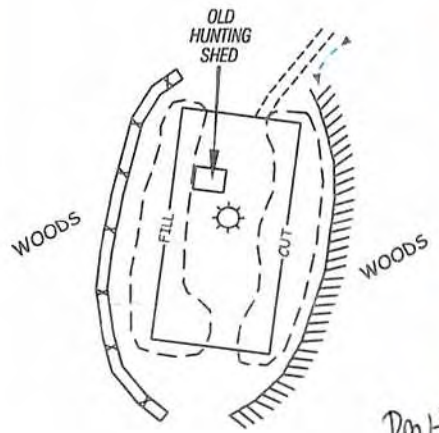
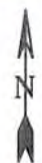


Received

JUN 26 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Detail Sketch for A.J. BRIGGS #1
47-103-01661



NOT TO SCALE

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 15' MIN. UNLESS OTHERWISE NOTED
 = PROPOSED STREAM CROSSING



Professional Energy Consultants
A DIVISION OF DIGITAL LAND SURVEYING

SURVEYORS PROJECT MGMT. **SLS** ENGINEERS ENVIRONMENTAL

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18095 Chiles Station Road Shadyside, OH 43047 (740) 671-9911
HONESTY. INTEGRITY. QUALITY.

TOPO SECTION OF NEW MARTINSVILLE
7.5' USGS TOPO QUADRANGLE

DRAWN BY K.G.M.	FILE NO. 8208	DATE 04/04/14	CADD FILE: 8208REC1661.DWG
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08/22/2014