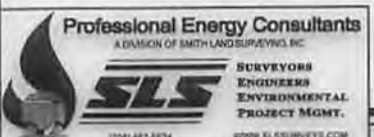


NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED 03/25/1975 AS PREPARED BY TERRY A. MASON FOR A.P.I. NO. 47-033-0891 & DEED BOOK 1064 PAGE 1153.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2010.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

A.V. KNICLEY LEASE
260 ACRES±
WELL NO. 11938
A.P.I. #47-033-0891

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 243,159 E. 1,762,528
 NAD'27 GEO. LAT.(N) 39.16458 LONG.(W) 80.33752
 NAD'83 UTM (M) N. 4,335,259 E. 557,249



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 FEBRUARY 10, 20 14
 REVISED _____, 20 _____
 OPERATORS WELL NO. 11938
 API WELL NO. 47-033-00891R
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 8135P11938
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (MAPPING GRADE) 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 1,274' WATERSHED TRIBUTARY OF LOST CREEK
 DISTRICT GRANT COUNTY HARRISON QUADRANGLE MOUNT CLARE 7.5'

SURFACE OWNER WORTHY C. HALL ACREAGE 248.44±
 ROYALTY OWNER VIVIEN SCHAFFER ACREAGE 260±
 PROPOSED WORK: LEASE NO. LC 0043731

DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION X PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BALLTOWN
 ESTIMATED DEPTH 3,200'

WELL OPERATOR DOMINION TRANSMISSION DESIGNATED AGENT JAMES BLASINGAME
 ADDRESS P.O. BOX 2450 ADDRESS P.O. BOX 2450
CLARKSBURG, WV 26301 CLARKSBURG, WV 26301 **04/18/2014**

COUNTY NAME
 PERMIT

A.V. KNICLEY LEASE WELL NO. 11938 47-033-00891



**EXISTING GAS WELL
NO. 11938
47-033-00891**

**230' ± @
5-10% GRADE ±**

**400' ± @
10-15% GRADE ±**

**300' ± @
5-10% GRADE ±**

**260' ± @
15-20% GRADE ±**

**590' ± @
0-5% GRADE ±**

EXISTING GRAVEL BASE ACCESS

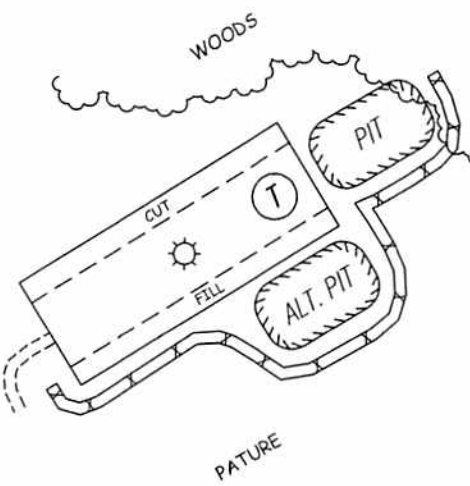
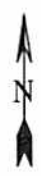
EXISTING CLUVERT



SCALE: 1"=500'



Detail Sketch for WELL NO. 11938
47-033-00891



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 CLUVERT 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 CLUVERT
- = PROPOSED CLUVERT 15' MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING

Received
MAR 24 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING

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Shady Side, OH 43047
(740) 971-9611

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DRAWN BY K.G.M.	FILE NO. 8135	DATE 02/26/14	CADD FILE: 8135REC11938.DWG
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04/18/2014