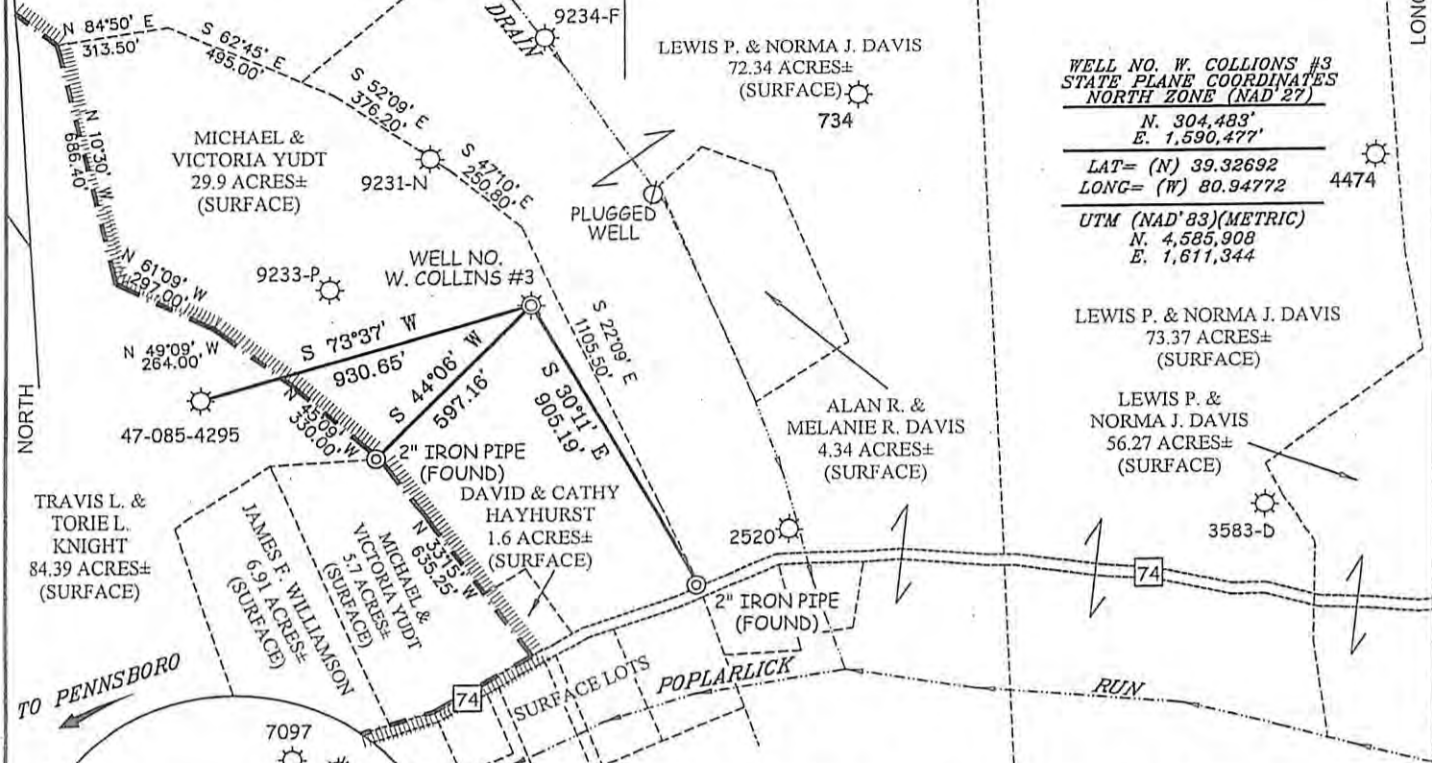


WILLIAM COLLINS LEASE 29.9 of 575 ACRES±



WELL NO. W. COLLINS #3
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)

N. 304,483'
E. 1,590,477'

LAT= (N) 39.32692

LONG= (W) 80.94772

UTM (NAD'83)(METRIC)

N. 4,585,908

E. 1,611,344

LEWIS P. & NORMA J. DAVIS
73.37 ACRES±
(SURFACE)

LEWIS P. & NORMA J. DAVIS
56.27 ACRES±
(SURFACE)

ALAN R. & MELANIE R. DAVIS
4.34 ACRES±
(SURFACE)

WELL NO. W. COLLINS #3

NOTES ON SURVEY

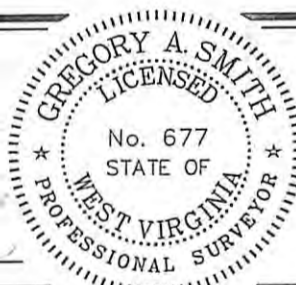
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD'27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 87 PAGE 286.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2011.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).
5. ORIGINAL PLAT DATED JANUARY 07, 2005 UPDATED JUNE 06, 2008 FOR RECOMPLETION OPERATIONS, FIELD CHECKED AND REVISED ON 01/27/12 FOR DRILL DEEPER OPERATIONS.



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 JANUARY 27, 20 12

OPERATORS WELL NO. W. COLLINS #3

API WELL NO. 47 - 85 - 09232
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)
FILE NO. 5657P3R3 (397-64)
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 995' WATERSHED TRIBUTARY OF POPLAR LICK RUN
DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'

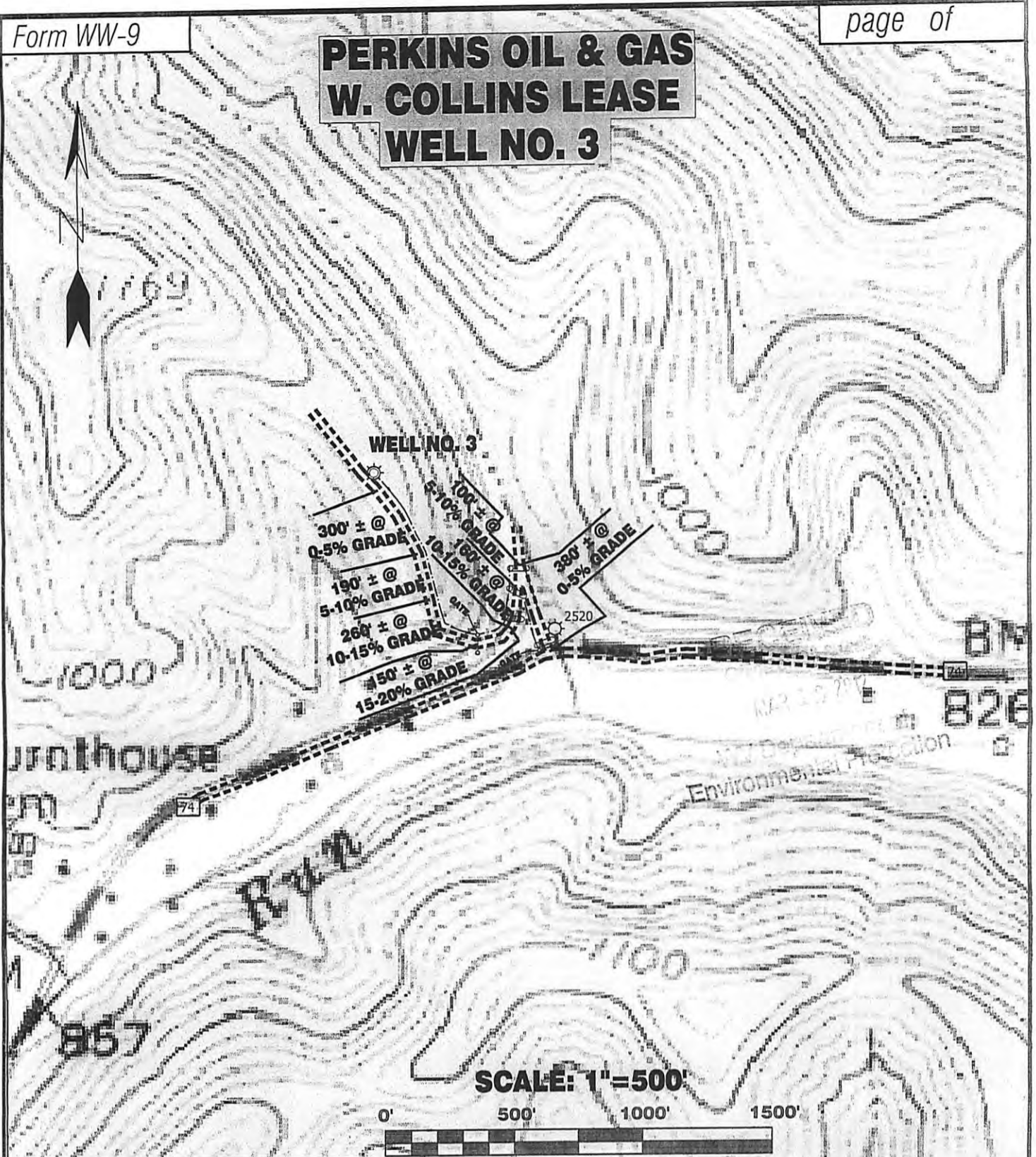
SURFACE OWNER MIKE & VICKKI YUDT ACREAGE 29.9±
ROYALTY OWNER WILLIAM COLLINS HEIRS OR ASSIGNS LEASE ACREAGE 29.9 of 575±

PROPOSED WORK: LEASE NO. _____
DRILL ___ CONVERT ___ DRILL DEEPER X REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BENSON / ALEXANDER
ESTIMATED DEPTH 5,990'

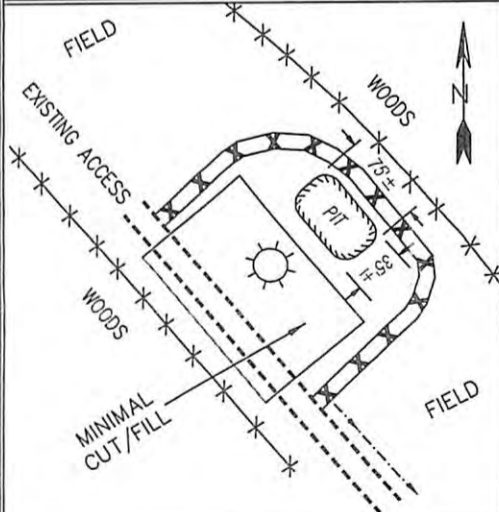
WELL OPERATOR PERKINS OIL & GAS, INC. DESIGNATED AGENT CLINTON PERKINS
ADDRESS P.O. BOX 547 PENNSBORO, WV 26415 ADDRESS P.O. BOX 547 PENNSBORO, WV 26415

COUNTY NAME PERMIT

**PERKINS OIL & GAS
W. COLLINS LEASE
WELL NO. 3**



Detail Sketch for Well No. 3



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 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@sls-surveys.com

DRAWN BY K.D.W.	FILE NO. 5657	DATE 01/27/12	CADD FILE: 5657REC.dwg
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TOPO SECTION OF PENNSBORO 7.5'
USGS TOPO QUADRANGLE