

# NATHAN REED LEASE

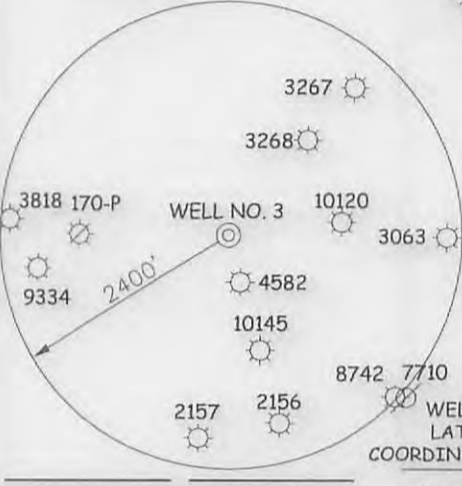
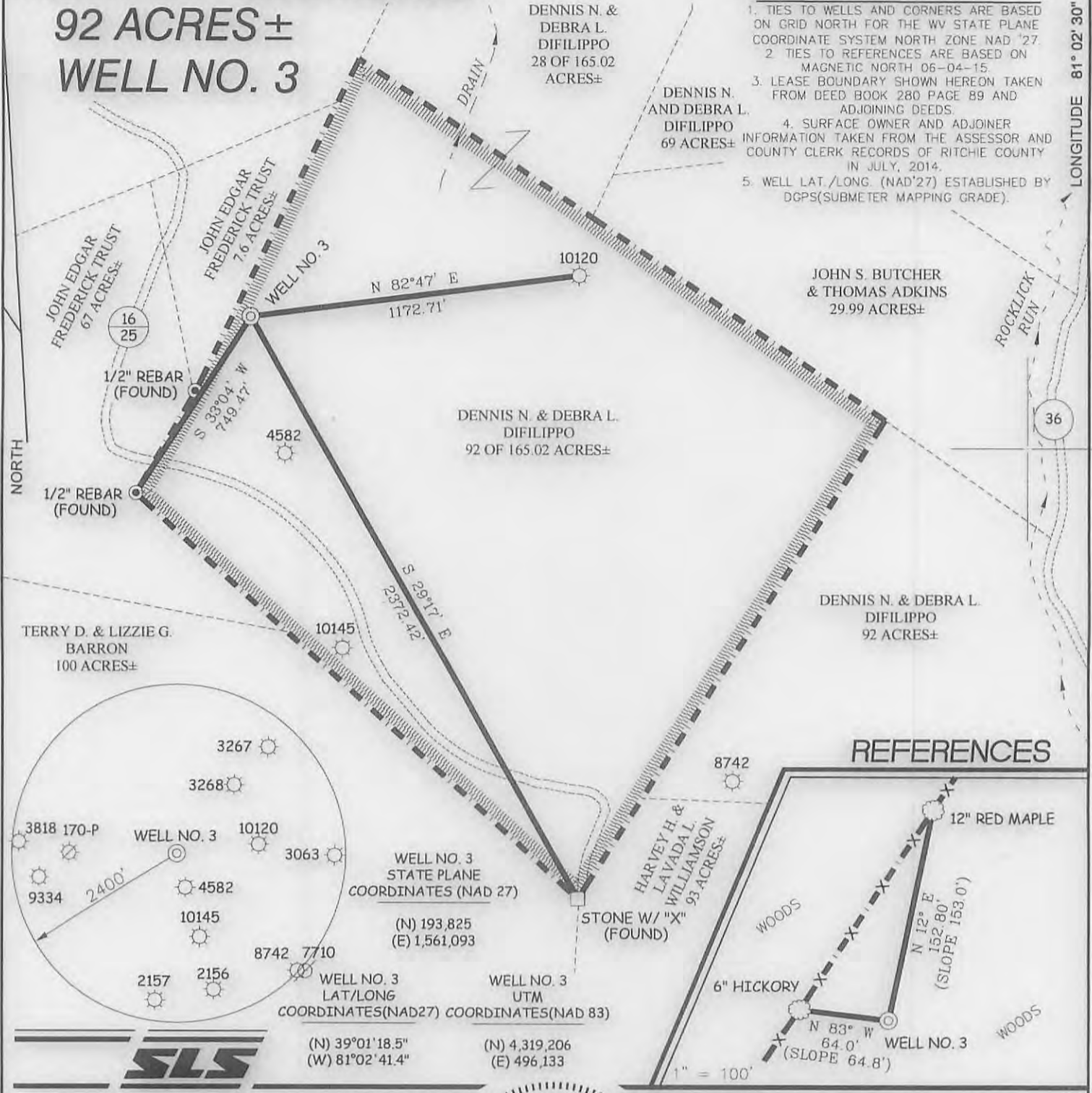
## 92 ACRES±

### WELL NO. 3

LATITUDE 39° 02' 30"  
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 06-04-15.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 280 PAGE 89 AND ADJOINING DEEDS.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2014.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

LONGITUDE 81° 02' 30"  
7,236'



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 JUNE 8, 20 15  
 OPERATORS WELL NO. NATHAN REED #3  
 API WELL NO. 47 85 10266  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7774P3(512-55)  
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 500'

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



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

LOCATION: ELEVATION 1,194' WATERSHED TRIBUTARY TO LEATHERBARK CREEK  
 DISTRICT MURPHY COUNTY RITCHIE QUADRANGLE SMITHVILLE 7.5'

SURFACE OWNER DENNIS N. & DEBRA L. DIFILIPPO ACREAGE 92 OF 165.02±  
 ROYALTY OWNER NATHAN REED HEIRS OR ASSIGNS, ET AL LEASE ACREAGE 92± **11/06/2015**

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION RHINESTREET  
 ESTIMATED DEPTH 6,300'

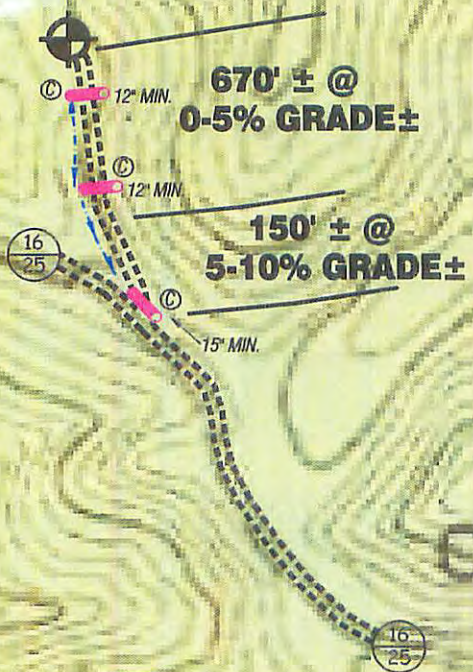
WELL OPERATOR MURVIN & MEIER OIL CO. DESIGNATED AGENT P. NATHAN BOWLES, JR.  
 ADDRESS P.O. BOX 396 ADDRESS P.O. BOX 1237  
OLNEY, IL 62450 CHARLESTON, WV 25325

COUNTY NAME PERMIT



# NATHAN REED LEASE WELL NO. 3

## PROPOSED GAS WELL NO. 3

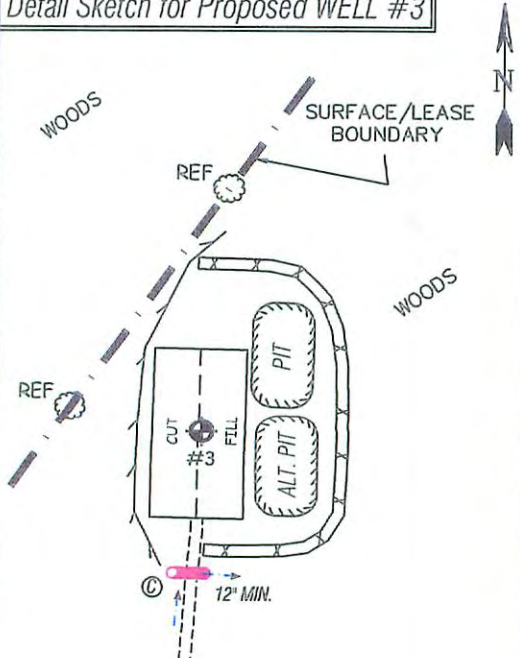


Oil Wells

SCALE: 1"=500'



### Detail Sketch for Proposed WELL #3



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 REGULATIONS. ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

OCT 16 2015

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT FIELD 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.

11/06/2015

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 (SIZE AS STATED)

= PROPOSED STREAM CROSSING

*DM 10-5-15*



**Professional Energy Consultants**  
A DIVISION OF SMITHLAND SURVEYING

SURVEYORS  
PROJECT MGMT.



ENGINEERS  
ENVIRONMENTAL

P.O. Box 150  
Glenville, WV 26351  
(304) 462-6634

53065 Dilles Bottom Road  
Shadyside, OH 43047  
(743) 671-9911

HONESTY, INTEGRITY, QUALITY

DRAWN BY C.P.M.	FILE NO. 7774	DATE 06-05-15	CADD FILE: 7774REC3.DWG
--------------------	------------------	------------------	----------------------------