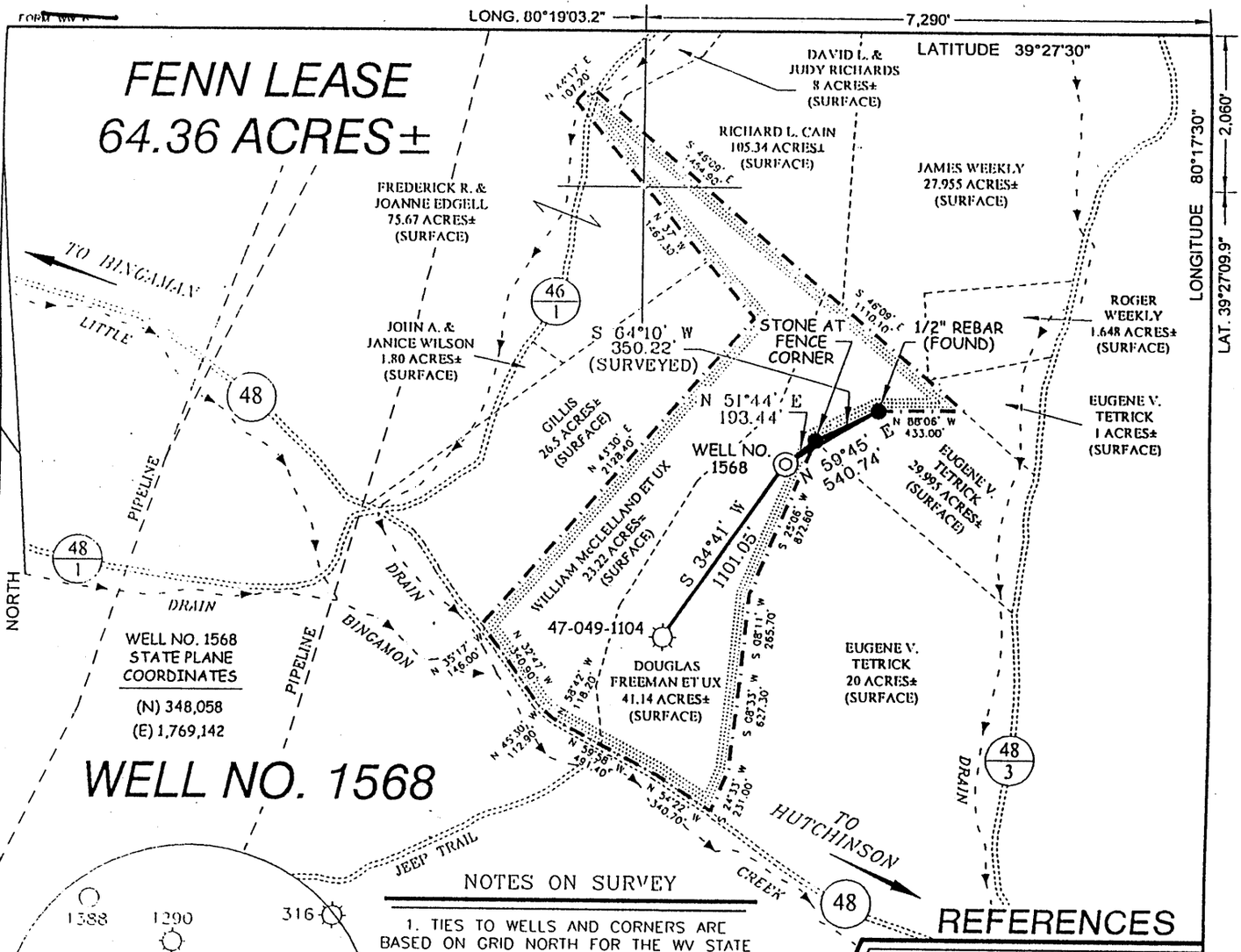
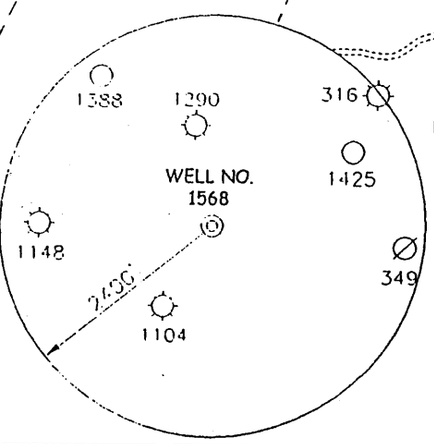
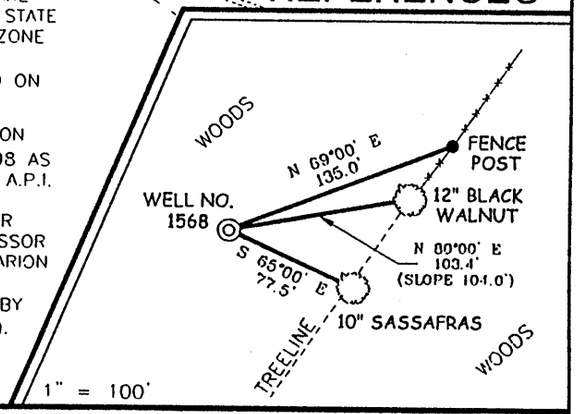




NOTES ON SURVEY

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 7/21/03.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED 11/11/98 AS PREPARED BY MARK C. ECHARD FOR A.P.I. NO. 47-049-1290.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARION COUNTY IN JULY, 2003.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



SLS

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

GREGORY A. SMITH LICENSED No. 677 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE JULY 30, 20 03

OPERATORS WELL NO. FENN NO. 1568

API WELL NO. 47 — 49 — 01454
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 5325P1568R (145-54+55)

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 800'

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 1,241' WATERSHED LITTLE BINGAMAN CREEK
DISTRICT LINCOLN COUNTY MARION QUADRANGLE SHINNSTON 7.5'
SURFACE OWNER DOUGLAS FREEMAN ET UX ACREAGE 41.14±
ROYALTY OWNER WACO OIL & GAS CO., INC. LEASE ACREAGE 64.36±
PROPOSED WORK: LEASE NO.
DRILL X CONVERT ___ DRILL DEEPER ___ 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 BALLTOWN
ESTIMATED DEPTH 4,100'

COUNTY NAME MAR
PERMIT 1454

WELL OPERATOR LINN OPERATING, LLC DESIGNATED AGENT [redacted] Judson E. Shreves
ADDRESS 1700 NORTH HIGHLAND ROAD, SUITE 100 ADDRESS [redacted] P.O. Box 368
PITTSBURG, PA 15241 [redacted] Glenville WV 26351

6-1 Farmington 64