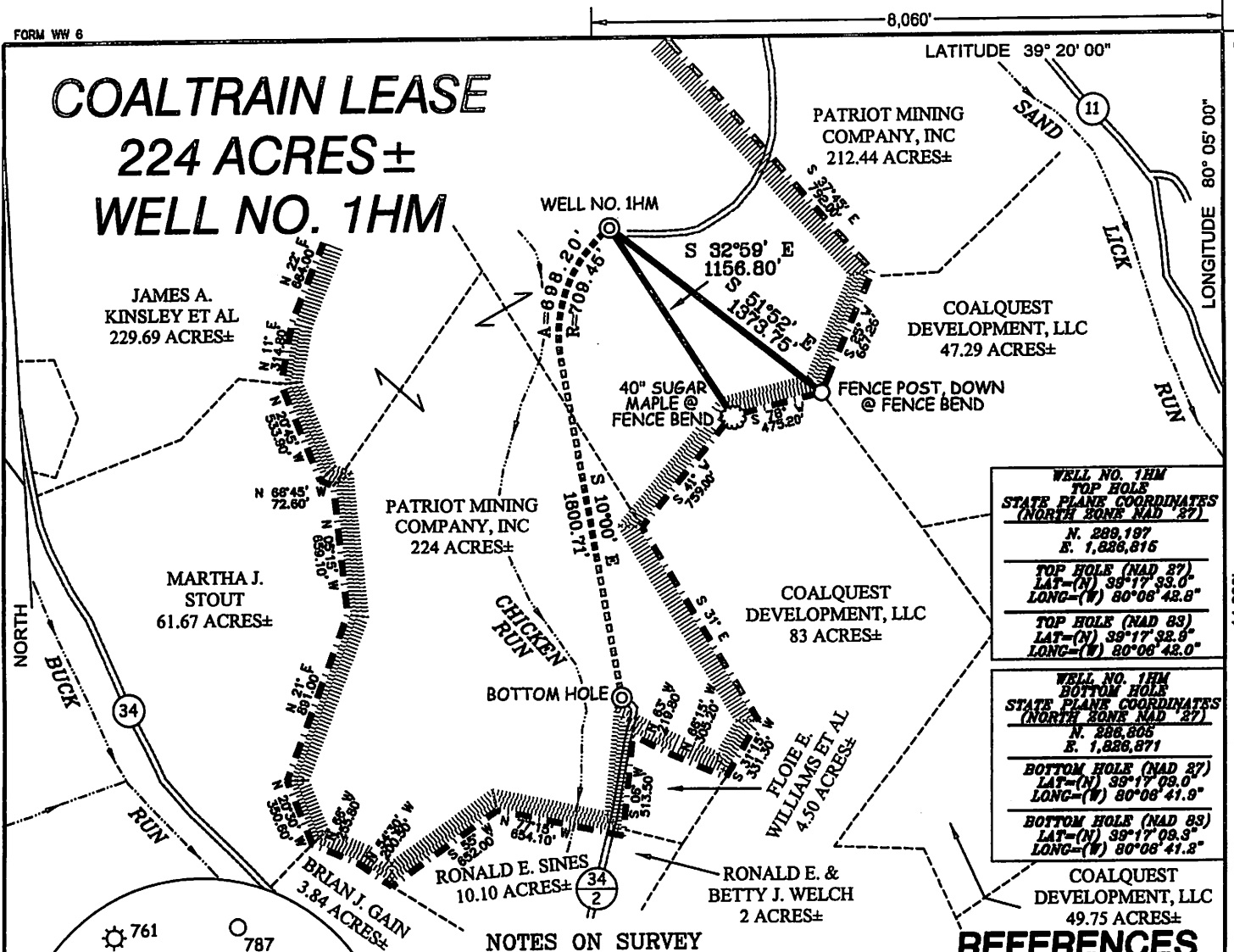


COALTRAIN LEASE

224 ACRES±

WELL NO. 1HM



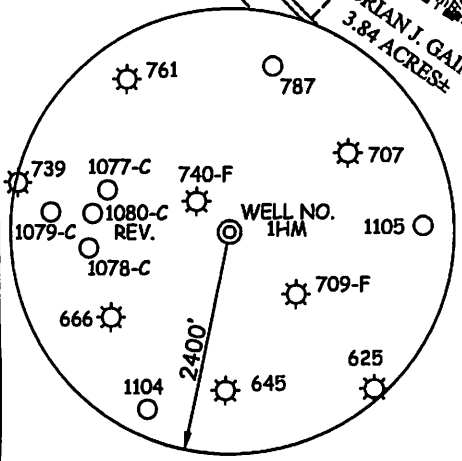
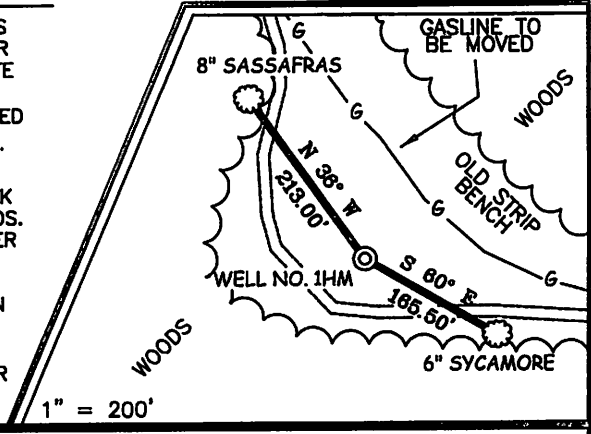
WELL NO. 1HM TOP HOLE
STATE PLANE COORDINATES (NORTH ZONE NAD '27)
N. 288,197
E. 1,288,815
TOP HOLE (NAD 87)
LAT-(N) 39°17'33.0"
LONG-(W) 80°06'42.8"
TOP HOLE (NAD 83)
LAT-(N) 39°17'32.8"
LONG-(W) 80°06'42.0"

WELL NO. 1HM BOTTOM HOLE
STATE PLANE COORDINATES (NORTH ZONE NAD '27)
N. 288,805
E. 1,286,871
BOTTOM HOLE (NAD 87)
LAT-(N) 39°17'09.0"
LONG-(W) 80°06'41.9"
BOTTOM HOLE (NAD 83)
LAT-(N) 39°17'09.3"
LONG-(W) 80°06'41.8"

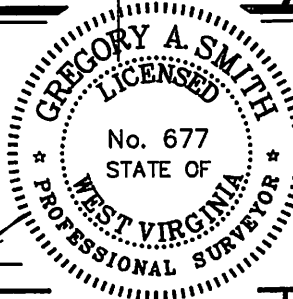
NOTES ON SURVEY

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 07/24/09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 16 PAGE 97 AND ADJOINING DEEDS.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF TAYLOR COUNTY IN JULY, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE AUGUST 27, 20 09
 OPERATORS WELL NO. COALTRAIN NO. 1HM
 API WELL NO. 47-091-01166 H
 STATE WV COUNTY TAYLOR PERMIT 01166 H

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 6665P1HM (282-62)
 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 LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,237' WATERSHED CHICKEN RUN
 DISTRICT COURTHOUSE COUNTY TAYLOR QUADRANGLE GRAFTON 7.5'

SURFACE OWNER PATRIOT MINING COMPANY, INC. ACREAGE 224±
 ROYALTY OWNER GLEN C. LABOW ET AL LEASE ACREAGE 224±

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 MARCELLUS SHALE
 ESTIMATED DEPTH 7,800'TVD/10,000'MD

WELL OPERATOR PETROLEUM DEVELOPMENT CORP. DESIGNATED AGENT ALAN H. SMITH
 ADDRESS 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330 ADDRESS 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330