3,780'

LATITUDE 38° 27' 30"

LONGITUDE 80° 42' 30"
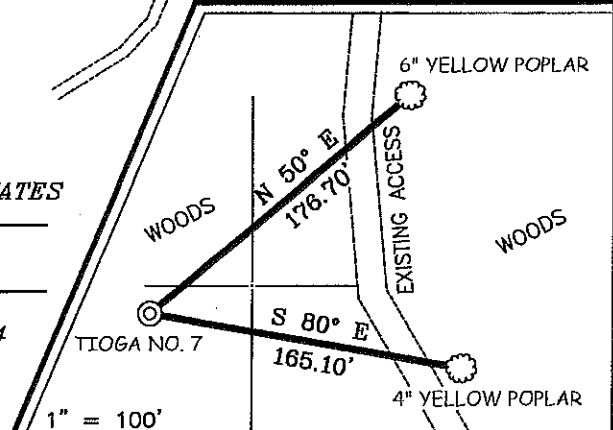
PARDEE LEASE
18,600 ACRES±
WELL NO. TIOGA #7

SOUTHEASTERN GAS CO. NO. B25-PLUGGED (NO A.P.I.)

N 01' W 13850.10'

PARDEE & CURTIN REALTY, LLC
12,404.2 ACRES±

COAL CO. / TIMBER ACCESS ROAD

N 50°35' E 1595.44'

DRAIN

CONCRETE MONUMENT

N 66°54' W 1399.23'

NORTH

FORK

CLEAR

TIOGA NO. 7

400'

N 08'15" W 15576.00'

PARDEE & CURTIN REALTY, LLC 9796.69 ACRES±
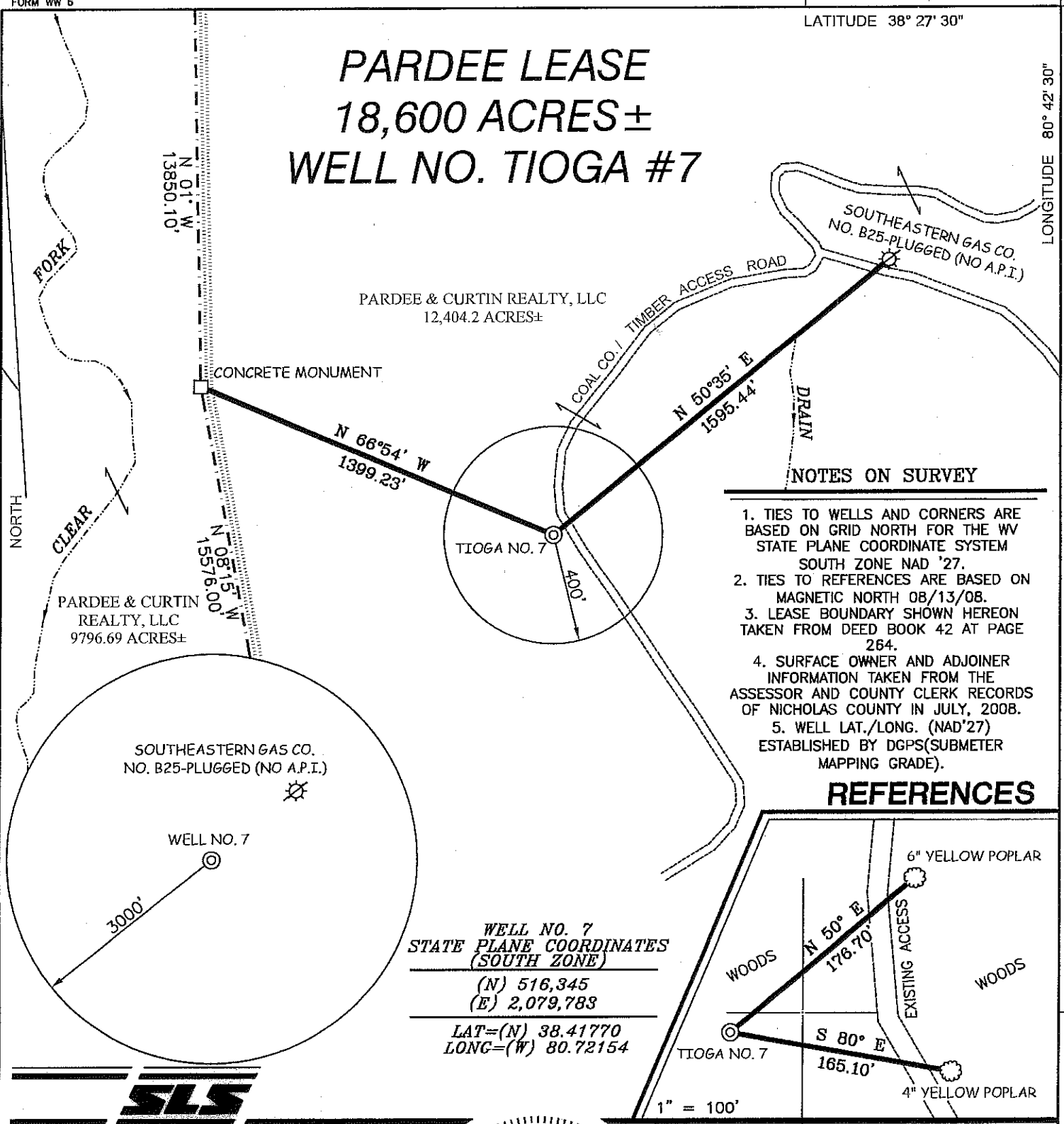
NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 08/13/08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 42 AT PAGE 264.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF NICHOLAS COUNTY IN JULY, 2008.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES

SOUTHEASTERN GAS CO. NO. B25-PLUGGED (NO A.P.I.)

WELL NO. 7

3000'

6" YELLOW POPLAR

N 50° E 176.70'

EXISTING ACCESS

WOODS

WOODS

WELL NO. 7
STATE PLANE COORDINATES
(SOUTH ZONE)

(N) 516,345
(E) 2,079,783

LAT=(N) 38.41770
LONG=(W) 80.72154

TIOGA NO. 7

S 80° E 165.10'

4" YELLOW POPLAR

1" = 100'

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
LICENSED
No. 677
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR
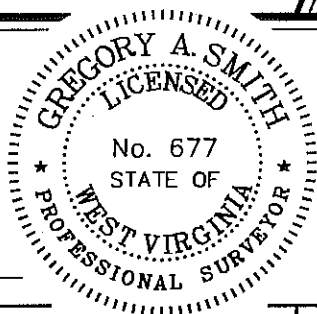
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE ___SEPTEMBER 11___, 20 _08_

OPERATORS WELL NO. ___TIOGA #7___

API WELL NO. __47__ - __67__ - __0091__

STATE   COUNTY   PERMIT

CANCELLED

MINIMUM DEGREE OF ACCURACY	1 / 2500	FILE NO. 5769P7R (259-32)
		SCALE 1" = 500'
PROVEN SOURCE OF ELEVATION	DGPS (SUBMETER MAPPING GRADE)	

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

WELL TYPE: OIL_____ GAS_X_ INJECTION_____ WASTE DISPOSAL_____ IF "GAS" PRODUCTION_X_ STORAGE_____ DEEP_X_ SHALLOW_____

LOCATION:

ELEVATION __2,464'__   WATERSHED __CLEAR FORK__

DISTRICT __HAMILTON__   COUNTY __NICHOLAS__   QUADRANGLE __TIOGA 7.5'__

SURFACE OWNER __PARDEE & CURTAIN REALTY, LLC__   ACREAGE __12,404.2±__

ROYALTY OWNER __PARDEE MINERALS, LLC__   LEASE ACREAGE __18,600±__

PROPOSED WORK: LEASE NO. __47-12427__

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 __MARCELLUS__

ESTIMATED DEPTH __7551'__

COUNTY NAME

PERMIT

OK 7A

WELL OPERATOR __CABOT OIL & GAS CORP.__   DESIGNATED AGENT __THOMAS S. LIBERATORE__

ADDRESS __900 LEE STREET EAST, SUITE 1500__   ADDRESS __900 LEE STREET EAST, SUITE 1500__

CHARLESTON, WV 25301   CHARLESTON, WV 25301   09/21/2012