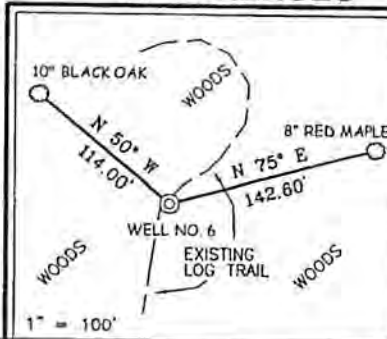


NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 12/05/06
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 291, PAGE 267.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MERCER COUNTY IN JULY, 2006.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER GRADE).

LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	S 16°43'00" E	87.90	L31	N 24°37'00" W	738.30
L2	S 00°23'00" E	153.10	L32	S 42°20'00" E	125.20
L3	N 2°19'00" E	215.60	L33	N 83°31'00" E	268.20
L4	S 02°34'00" E	252.80	L34	N 88°50'00" W	263.00
L5	S 1°27'00" E	268.10	L35	S 85°35'00" W	202.80
L6	S 11°13'00" E	244.00	L36	N 44°44'00" W	131.00
L7	S 2°19'00" E	235.80	L37	N 84°48'00" W	182.00
L8	S 48°27'00" W	233.50	L38	S 22°30'00" E	119.80
L9	S 85°25'00" W	298.80	L39	S 91°52'00" E	200.00
L10	S 48°19'00" E	638.80	L40	S 02°17'00" E	155.50
L11	S 49°35'00" E	424.50	L41	S 33°04'00" E	285.00
L12	S 87°38'00" W	632.50	L42	S 77°09'00" E	348.40
L13	S 88°28'00" E	358.50	L43	S 78°18'00" E	208.10
L14	S 01°04'00" E	850.30	L44	S 88°03'00" E	215.80
L15	S 18°14'00" W	1128.10	L45	S 14°37'00" E	518.60
L16	S 21°23'00" E	160.50	L46	S 22°28'00" W	89.00
L17	S 15°28'00" E	458.30	L47	S 12°45'00" W	349.70
L18	S 78°51'00" W	850.10	L48	S 12°18'00" W	308.20
L19	N 19°43'00" E	114.70	L49	S 28°54'00" E	308.70
L20	N 18°55'00" W	178.40	L50	S 11°31'00" W	308.80
L21	N 06°51'00" W	183.10	L51	S 22°30'00" E	308.80
L22	N 20°17'00" E	188.10	L52	S 12°08'00" E	181.70
L23	N 27°47'00" E	189.20	L53	S 00°14'00" E	193.50
L24	N 36°43'00" E	107.40	L54	S 12°48'00" E	200.40
L25	N 50°43'00" E	167.40	L55	S 18°24'00" E	201.20
L26	N 10°14'00" E	138.80	L56	S 12°38'00" W	184.40
L27	N 88°55'00" E	181.70	L57	S 84°18'00" W	754.40
L28	N 28°08'00" E	448.80	L58	S 84°30'00" W	200.70
L29	N 01°20'00" E	848.50	L59	S 38°39'00" W	218.00
L30	N 23°27'00" E	83.60			

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.

P.S. 677 *Gregory A. Smith*



(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE DECEMBER 08, 20 06
 OPERATORS WELL NO. BLUE JAY NO. 6
 API WELL NO. 47-055-00321
 STATE 055 COUNTY 00321 PERMIT CANCELLED

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 5268P6 (219-73)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2000'

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

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

LOCATION:
 ELEVATION 2,649' WATERSHED CAMP CREEK
 DISTRICT JUMPING BRANCH COUNTY MERCER QUADRANGLE ODD 7.5'

SURFACE OWNER STATE CONSERVATION COMMISSION OF WEST VIRGINIA ACREAGE 4,794.63±
 ROYALTY OWNER BLUE JAY LUMBER COMPANY LEASE ACREAGE 5,242.23±

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 DEVONIAN SHALE
 ESTIMATED DEPTH 5,990'

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

OK CA