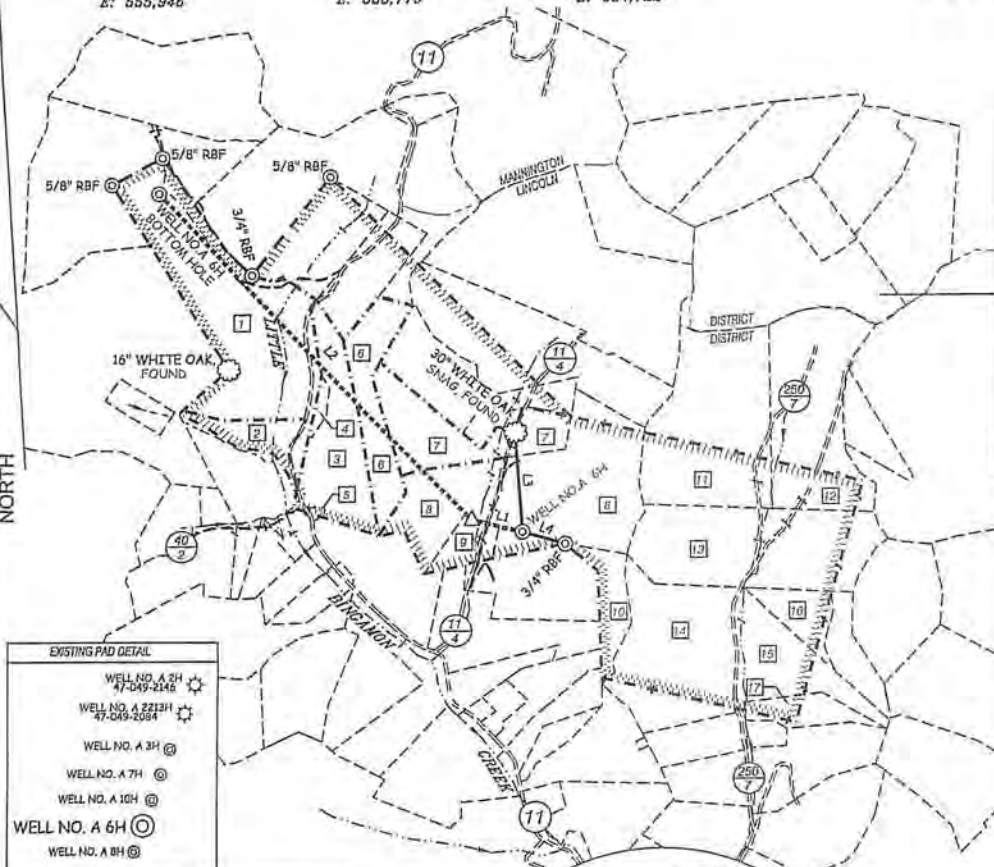


ZOGOL UNIT WELL NO. A 6H

WELL NO. A 6H STATE PLANE COORDINATES NORTH ZONE (NAD 27)	LANDING POINT WELL NO. A 6H STATE PLANE COORDINATES NORTH ZONE (NAD 27)	BOTTOM HOLE WELL NO. A 6H STATE PLANE COORDINATES NORTH ZONE (NAD 27)
N. 360,030 E. 1,760,199	N. 360,159 E. 1,769,852	N. 363,794 E. 1,758,241
LAT=(N) 39.48538 LONG=(W) 80.34963	LAT=(N) 39.48572 LONG=(W) 80.35157	LAT=(N) 39.49561 LONG=(W) 80.36378
UTM (NAD 83) N: 4,370,883 E: 555,946	UTM (NAD 83) N: 4,370,890 E: 555,779	UTM (NAD 83) N: 4,371,980 E: 554,722

LINE	BEARING	DISTANCE
L1	N 76°44' W	561.33'
L2	N 43°12' W	4983.72'
L3	N 04°15' W	1129.00'
L4	S 73°55' E	479.56'



TRACT NO.	SURFACE OWNER	ACREAGE
1	HENRY O. DESNOS, JR. ET AL	62.27 AC±
2	JOHN D. FIEBIG	8.55 AC±
3	COLLETTE L. SMITH, ESTATE	28.12 AC±
4	DORA M. EVANS	1.53 AC±
5	DAVID M. HAMRICK ET AL	0.44 AC±
6	LARRY L. SMITH ET AL	38.15 AC±
7	GARY L. GRUBB ET AL	25.228 AC±
8	JOHN A. ZOGOL ET AL	61.61 AC±
9	ROCHESTER & PITTSBURGH COAL COMPANY	6.20 AC±
10	L. CROUSER OR SUCCESSORS IN TITLE	9 AC. & 78 POLES±
11	NEVA KAY NEDLEY ET AL	51.62 AC±
12	NEVA KAY NEDLEY ET AL	49.94 AC±
13	JAQUELINE K. HENDERSON	30 AC±
14	WM. CLAY ANDERSON ET AL	46.58 AC±
15	WM. CLAY ANDERSON ET AL	25.37 AC±
16	ELEANOR J. HALDEMAN ET AL	8.3 AC±
17	WM. CLAY ANDERSON ET AL	10 AC±

EXISTING PAD DETAIL

WELL NO. A 2H
47-049-2146

WELL NO. A 2213H
47-049-2084

WELL NO. A 3H

WELL NO. A 7H

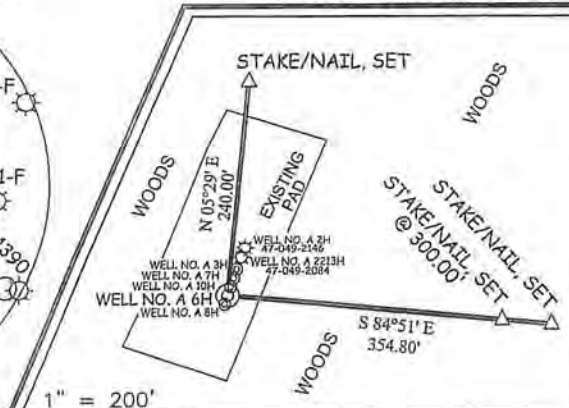
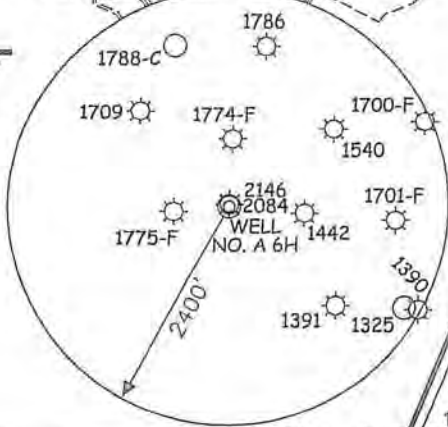
WELL NO. A 10H

WELL NO. A 6H

WELL NO. A 8H

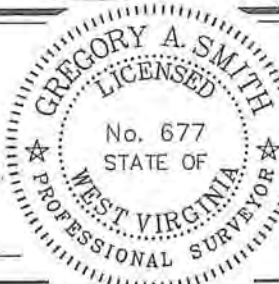
NOTES ON SURVEY

1. TIES TO WELLS, REFERENCES, AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARION COUNTY IN JULY, 2011.
3. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SURVEY GRADE).
4. THIS WELL PERMIT PLAT DOES NOT REPRESENT THE FINAL UNIT BOUNDARY FOR THIS WELL.



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 NOVEMBER 03, 20 11
 UPDATED MARCH 01, 20 12
 OPERATORS WELL NO. ZOGOL UNIT A 6H
 API WELL NO. 47 - 49 - 02215 HGA
 STATE COUNTY PERMIT

P.S. 677 *Gregory A. Smith*

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7226-1P6HR2 (287-39)
 PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 2000'

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 1,232' WATERSHED TRIBUTARY OF LITTLE BINGAMON CREEK
 DISTRICT LINCOLN COUNTY MARION QUADRANGLE SHINSTON 7.5'

SURFACE OWNER JOHN A. & REBECCA J. ZOGOL ACREAGE 61.61±
 ROYALTY OWNER JOHN ZOGOL ET AL ACREAGE 465.7±

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
 ESTIMATED DEPTH 7,600' (TOTAL VERTICAL DEPTH)

WELL OPERATOR XTO ENERGY DESIGNATED AGENT GARY BEALL
 ADDRESS P.O. BOX 1008 ADDRESS P.O. BOX 1008
JANE LEW, WV 26378 JANE LEW, WV 26378

