

USDA FOREST SERVICE
 NATIONAL TIMBER CRUISING PROGRAM (NATCRS)
 VERSION 10.05.2004

RUN DATE: 10- 4-2007 RUN TIME: 15:17: 9

WASHINGTON OFFICE - TIMBER MANAGEMENT
 FORT COLLINS, COLORADO
 (970)295-5776

CRUISE HEADER

SALE NUMBER: 30669	CRUISE NUMBER: 30669	REGION: 9
SALE NAME: OGM 243 DUHRING 17W		FOREST: 19
YEAR: 2007		DISTRICT: 03

REPORTS REQUESTED

A11, R901, UC5

Risk
 -15 All SPECIES

Roads
 No Roads

SPECIES

* 762 Black Cherry

* 316 Red Maple

541 Ash

* 318 Sugar Maple

* 371 Yellow Birch

531 Beech

651 Cucumber

Quality Adj

$$BC = 179.00 / 415 = .43 = 0$$

Market Adj

$$BC = 17.6 - 10 \text{ (PER Campbell)} \\ \text{(FSR)} = 7.6$$

$$RM = 17.6$$

$$SM = 17.6$$

$$YB = 17.7$$

RUN DATE: 10- 4-2007
 CRUISE #: 30669
 SALENAME: OGM 243 DUHRING 17W
 SALE #: 30669
 INPUT FILE NAME: 30669.job
 REGION: 9

VOLUME EQUATION TABLE

SPECIES	PROD	VOLUME EQUATION	STUMP HEIGHT	TOTAL CUBIC VOLUME	PRIMARY ***** PRODUCT *****				SECONDARY ***** PRODUCT *****			Z SCORE
					MIN TOP DIB	BDFT	CUFT	CORDS	MIN TOP DIB	CUFT	CORDS	
316	01	903DVEE316	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
316	01	912DVEE316	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
316	01	921DVEE316	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
316	01	911DVEE316	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
316	02	921DVEE316	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
316	02	911DVEE316	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
318	01	903DVEE318	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
318	01	912DVEE318	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
318	01	921DVEE318	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
318	01	911DVEE318	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
318	02	921DVEE318	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
318	02	911DVEE318	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
371	01	903DVEE371	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
371	01	912DVEE371	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
371	01	921DVEE371	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
371	01	911DVEE371	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
371	02	921DVEE371	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
371	02	911DVEE371	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
531	01	903DVEE531	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
531	01	912DVEE531	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
531	01	921DVEE531	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
531	01	911DVEE531	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
531	02	921DVEE531	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
531	02	911DVEE531	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
541	01	903DVEE541	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
541	01	912DVEE541	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
541	01	921DVEE541	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
541	01	911DVEE541	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
541	02	921DVEE541	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
541	02	911DVEE541	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
651	01	903DVEE651	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
651	01	912DVEE651	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
651	01	921DVEE651	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
651	01	911DVEE651	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
651	02	921DVEE651	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000
651	02	911DVEE651	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
762	01	903DVEE762	1.0	NO	.0	YES	NO	NO	.0	NO	NO	.000
762	01	912DVEE762	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000
762	01	921DVEE762	1.0	NO	.0	NO	NO	NO	.0	NO	YES	.000
762	01	911DVEE762	1.0	NO	.0	NO	NO	NO	.0	YES	NO	.000
762	02	921DVEE762	1.0	NO	.0	NO	NO	YES	.0	NO	NO	.000

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					MIN TOP DIB	BDFT	CUFT	CORDS	MIN TOP DIB	CUFT	CORDS	
762	02	911DVEE762	1.0	NO	.0	NO	YES	NO	.0	NO	NO	.000

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REPORT UC5
 VER 10.05.2004
 VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA *
 (FOR CUT TREES ONLY)

S P E C I E S	TOTAL	***** SAWTIMBER ***** (PROD = 01 UM = 01, 03)				***** NON-SAWTIMBER ***** (PROD NOT = 01 UM = 02, 03) (AND ALL SECONDARY PRODUCT VOLUMES)			
	EST.	EST.	** GROSS VOLUME **		** NET VOLUME **		GROSS	NET	
	# OF TREES	# OF TREES	BDFT	CUFT	BDFT	CUFT	CUFT	CUFT	CORDS
1 316	769	468	69388	11336	67886	11087	9188	9188	116.36
1 318	420	86	9843	1517	9609	1479	3578	3578	45.22
1 371	100	33	4293	650	4257	644	1418	1418	17.96
1 531	143	9	555	80	480	68	893	893	11.30
1 541	77	10	1549	244	1531	241	1650	1650	20.88
1 651	1	1	297	45	297	45	8	8	.10
1 762	448	415	121773	18300	119145	17900	6625	6625	83.90
UNIT 1 TOTAL	1957	1022	207698	32172	203204	31465	23361	23361	295.72

S U B T O T A L S		*****SAWTIMBER*****				*****NON-SAWTIMBER*****			
SPECIES	TOT EST # OF TREES	EST # OF TREES	** GROSS VOLUME **		** NET VOLUME **		GROSS	NET	CORDS
			BDFT	CUFT	BDFT	CUFT	CUFT	CUFT	
X 110 316 RMAP	769	468	69388	11336	67886	11087	9188	9188	116.36
X 244 318 Smp	420	86	9843	1517	9609	1479	3578	3578	45.22
X 46 371 YB	100	33	4293	650	4257	644	1418	1418	17.96
X 50 531 BCB	143	9	555	80	480	68	893	893	11.30
X 128 541 nsh	77	10	1549	244	1531	241	1650	1650	20.88
87 651 CUC	1	1	297	45	297	45	8	8	.10
X 105 762 BC	448	415	121773	18300	119145	17900	6625	6625	83.90
OVERALL TOTALS ----	1957	1022	207698	32172	203204	31465	23361	23361	295.72

* FOR TREE-BASED SAMPLES, THE CUTTING UNIT VOLUME IS BASED ON THE # OF TREES TALLIED OR THE SUM OF KPIS THAT FALL WITHIN THE CUTTING UNIT. FOR AREA-BASED SAMPLES, THE CUTTING UNIT VOLUME IS BASED ON AN AVERAGE VOLUME PER ACRE AT THE STRATA LEVEL TIMES THE NUMBER OF ACRES IN THE CUTTING UNIT.

000497

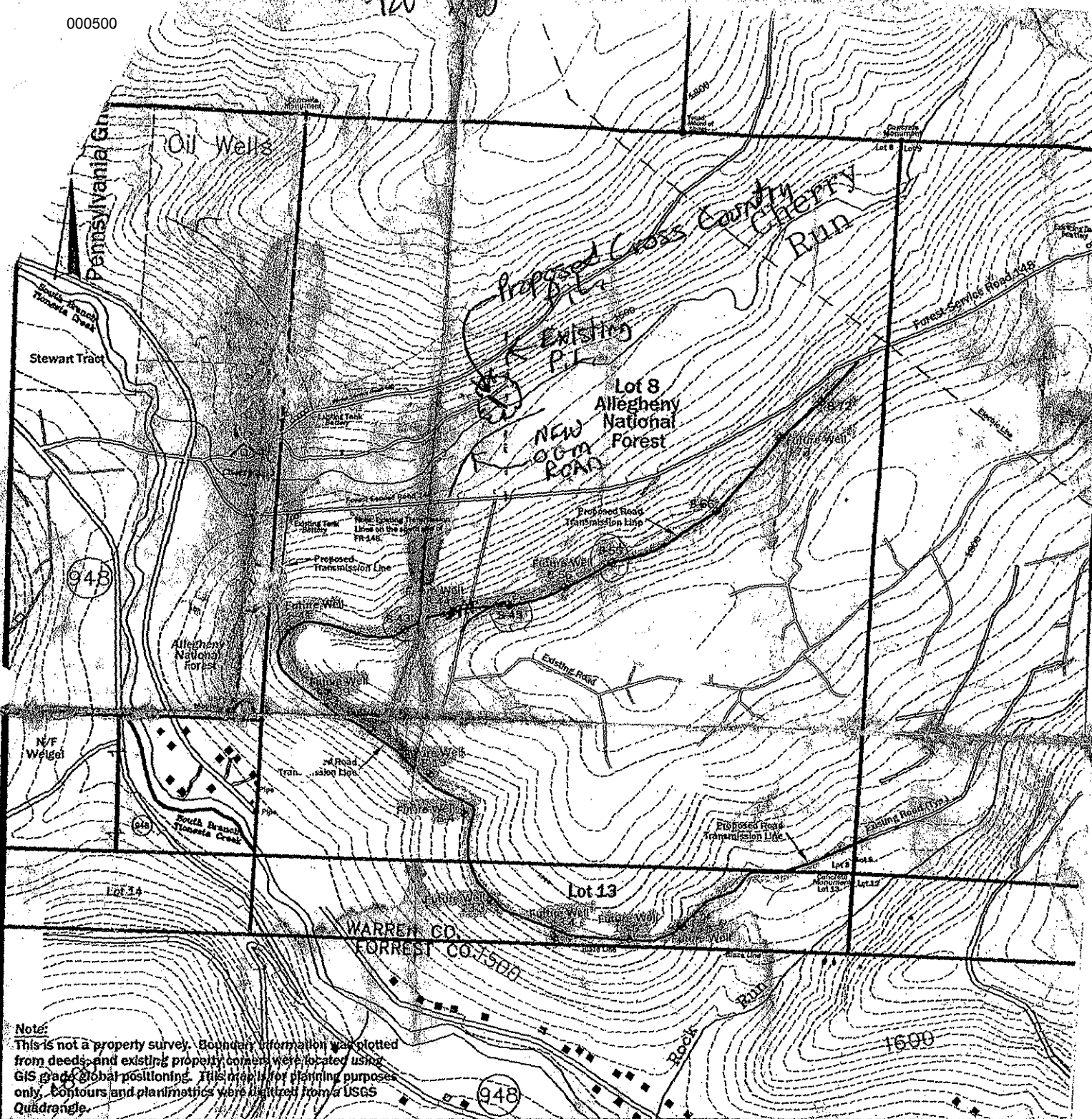
1A00001 190307DUHRING 17 WELL

Code	QTY	UNIT	PRICE	AMOUNT	DATE	TIME	DESCRIPTION	STATUS
3A00001	1	STR					SAWTIMBER	
3A00001	2	100					OTHER SAW	
3A00001	3	STR					PULP	
4A00001	1	1	13.00					
4A00001	2	1	13.00					
4A00001	3	1	13.00					
6A00001	1	1		415	0103		CBC	20?v
6A00001	1	1		42	0103		CBE	3?v
6A00001	3	1		935	0203		CPU	30?f
6A00001	1	1		468	0103		CRM	25?v
6A00001	1	1		86	0103		CSM	5?v
6A00001	1	1	1M371 14.3		02 05	0103	LCBE	00
6A00001	1	1	2M316 12.6		02 05	0103	LCRM	05
6A00001	1	1	3M371 11.1		01 04	0103	LCBE	00
6A00001	1	1	4M762 15.2		03 06	0103	LCBC	00
6A00001	3	1	5M316 8.0		03 02	0203	LCPU	A
6A00001	3	1	6M316 9.6		04 02	0203	LCPU	V
6A00001	1	1	7M316 13.5		03 07	0103	LCRM	00
6A00001	2	1	8M541 15.0		04 08	0103	LCOS	00
6A00001	1	1	9M371 12.5		02 05	0103	LCBE	00
6A00001	1	1	10M316 17.9		05 07	0103	LCRM	00
6A00001	1	1	11M318 14.0		02 06	0103	LCSM	05
6A00001	1	1	12M762 26.9		05 08	0103	LCBC	00
6A00001	3	1	13M371 11.5		05 02	0203	LCPU	B
6A00001	1	1	14M316 11.9		01 06	0103	LCRM	05
6A00001	3	1	15M316 8.1		03 02	0203	LCPU	L
6A00001	1	1	16M316 12.2		02 07	0103	LCRM	00
6A00001	1	1	17M318 15.7		05 09	0103	LCSM	00
6A00001	3	1	18M371 10.4		05 02	0203	LCPU	A
6A00001	1	1	19M371 13.7		03 07	0103	LCBE	00
6A00001	1	1	20M371 12.5		02 06	0103	LCBE	00
6A00001	1	1	21M762 18.1		04 06	0103	LCBC	10
6A00001	1	1	22M316 16.9		04 06	0103	LCRM	00
6A00001	1	1	23M762 16.1		04 08	0103	LCBC	00
6A00001	3	1	24M531 10.5		04 02	0203	LCPU	L
6A00001	1	1	25M316 13.2		02 06	0103	LCRM	30
6A00001	3	1	26M531 7.0		02 02	0203	LCPU	A
6A00001	1	1	27M531 12.5		03 08	0103	LCBE	25
6A00001	1	1	28M762 21.7		04 08	0103	LCBC	00
6A00001	1	1	29M316 11.3		01 06	0103	LCRM	00
6A00001	1	1	30M371 13.4		03 08	0103	LCBE	00
6A00001	1	1	31M316 15.5		05 09	0103	LCRM	00
6A00001	3	1	32M316 11.0		05 02	0203	LCPU	B
6A00001	1	1	33M316 13.7		04 06	0103	LCRM	05
6A00001	1	1	34M371 13.7		04 08	0103	LCBE	00
6A00001	1	1	35M762 14.1		03 06	0103	LCBC	00
6A00001	1	1	36M371 17.9		04 06	0103	LCBE	00
6A00001	1	1	37M316 15.3		04 09	0103	LCRM	00
6A00001	2	1	38M651 16.7		06 08	0103	LCOS	00
6A00001	1	1	39M762 12.9		02 07	0103	LCBC	00
6A00001	1	1	40M531 11.1		01 04	0103	LCBE	00
6A00001	1	1	41M371 13.9		03 04	0103	LCBE	10

6A00001	1	1	42M318	11.3	01	05	0103	LCSM	00	L
6A00001	1	1	43M318	16.4	03	06	0103	LCSM	00	A
6A00001	1	1	44M318	12.2	01	05	0103	LCSM	00	A
6A00001	2	1	45M541	16.0	03	07	0103	LCOS	00	A
6A00001	2	1	46M541	13.7	03	07	0103	LCOS	00	L
6A00001	2	1	47M541	16.8	04	08	0103	LCOS	00	A
6A00001	1	1	48M318	12.4	02	06	0103	LCSM	00	A
6A00001	1	1	49M318	14.1	03	05	0103	LCSM	05	V
6A00001	1	1	50M762	20.9	06	09	0103	LCBC	00	B
6A00001	3	1	51M318	10.6	06	0203	LCPU			A
6A00001	3	1	52M318	10.2	05	0203	LCPU		0	B
6A00001	3	1	53M318	6.1	01	0203	LCPU			A
6A00001	3	1	54M541	14.8	05	0203	LCPU			V
6A00001	1	1	55M318	12.7	02	08	0103	LCSM	10	B
6A00001	3	1	56M318	6.1	02	0203	LCPU			V
6A00001	1	1	57M316	13.8	02	05	0103	LCRM	00	A
6A00001	2	1	58M541	16.0	05	08	0103	LCOS	00	B
6A00001	2	1	59M541	14.8	04	07	0103	LCOS	00	L
6A00001	3	1	60M318	7.6	02	0203	LCPU			A
6A00001	1	1	61M762	13.2	03	08	0103	LCBC	00	B
6A00001	3	1	62M531	9.1	03	0203	LCPU			B
6A00001	1	1	63M318	11.2	01	05	0103	LCSM	00	B
6A00001	1	1	64M762	20.7	05	08	0103	LCBC	10	B
6A00001	3	1	65M318	7.1	02	0203	LCPU			L
6A00001	1	1	66M318	12.5	02	06	0103	LCSM	00	B
6A00001	1	1	67M318	16.1	04	07	0103	LCSM	00	B
6A00001	1	1	68M762	15.9	06	08	0103	LCBC	00	L
6A00001	1	1	69M316	16.2	04	08	0103	LCRM	00	L
6A00001	1	1	70M318	15.1	04	07	0103	LCSM	00	L
6A00001	1	1	71M371	17.7	05	08	0103	LCBE	00	L
6A00001	3	1	72M318	10.9	04	0203	LCPU			B
6A00001	3	1	73M316	10.4	04	0203	LCPU			L
6A00001	1	1	74M762	20.7	06	09	0103	LCBC	00	L
6A00001	1	1	75M318	14.5	03	08	0103	LCSM	10	B
6A00001	2	1	76M541	17.1	05	08	0103	LCOS	00	L
6A00001	1	1	77M318	13.8	02	07	0103	LCSM	00	L
6A00001	2	1	78M541	15.7	04	08	0103	LCOS	05	B
6A00001	1	1	79M318	14.2	04	08	0103	LCSM	00	B
6A00001	2	1	80M541	12.8	03	07	0103	LCOS	10	L
6A00001	3	1	81M316	10.8	06	0203	LCPU			B
6A00001	2	1	82M541	11.5	01	05	0103	LCOS	00	L
6A00001	3	1	83M541	10.9	06	0203	LCPU			L
6A00001	1	1	84M318	14.3	02	06	0103	LCSM	10	L
6A00001	1	1	85M762	16.2	05	08	0103	LCBC	00	B
6A00001	1	1	86M316	14.4	03	07	0103	LCRM	00	B
6A00001	1	1	87M762	12.8	02	07	0103	LCBC	15	L
6A00001	1	1	88M318	15.7	04	08	0103	LCSM	05	B
6A00001	3	1	89M762	7.4	02	0203	LCPU			B
6A00001	1	1	90M762	20.7	06	09	0103	LCBC	00	B
6A00001	1	1	91M531	11.8	01	06	0103	LCBE	00	B
6A00001	1	1	92M316	14.4	3	8	0103	LCRM	00	B
6A00001	1	1	93M371	15.4	02	06	0103	LCBE	00	L
6A00001	3		94M316	10.2	04	0203	LCPU			L

6A00001	1	1	95M316	16.4	05	08	0103	LCRM	00	L
6A00001	1	1	96M762	15.8	04	07	0103	LCBC	00	L
6A00001	3	1	97M531	6.1		01	0203	LCPU		L
6A00001	1	1	98M316	17.0	03	06	0103	LCRM	00	A
6A00001	1	1	99M762	16.0	04	04	0103	LCBC	05	A
6A00001	3	1	100M316	7.9		03	0203	LCPU		A
6A00001	1	1	101M316	16.0	05	07	0103	LCRM	10	A
6A00001	1	1	102M762	22.9	04	07	0103	LCBC	05	A
6A00001	1	1	103M318	12.5	02	06	0103	LCSM	00	A
6A00001	3	1	104M318	9.4		04	0203	LCPU		A
6A00001	3	1	105M318	8.1		03	0203	LCPU		A
6A00001	1	1	106M762	16.5	04	07	0103	LCBC	00	A
6A00001	1	1	107M762	16.0	04	06	0103	LCBC	10	A
6A00001	1	1	108M316	13.8	02	06	0103	LCRM	00	A
6A00001	3	1	109M316	9.5		03	0203	LCPU		A
()001	1	1	110M762	18.2	05	07	0103	LCBC	00	A
6AU0001	3	1	111M318	7.7		02	0203	LCPU		A

720



Note:
 This is not a property survey. Boundary information was plotted from deeds and existing property corners were located using GIS grade global positioning. This map is for planning purposes only. Contours and planimetrics were digitized from a USGS Quadrangle.

Scale: 1" = 1000'

Date: 03/19/2007



HAMPSON SURVEYING
 4 Harmer Street, Box 14 • Warren, PA 16365
 (814)723-1175 • Fax:(814)723-1176
 hampson@westpa.net

Exhibit - Site Plan
 for *Wellbore 2752 and 2745*
 Duhring Resource Company
 & Lot 13
Allegheny National Forest
 Sheffield Township, Warren County
 Pennsylvania

Case # 243

D-3-2