

Janice 3/20/89

EXHIBIT 'A'

Attached To and Made a Part of Certificate of Consent and Easement Dated January 31, 1989

116° 21' 50" 10" R. OAK BLAZED & RIBBON  
532° 44' 15" 15" R. OAK BLAZED & RIBBON

PENNSYLVANIA

STATE LINE

MARTIN MARIETTA CORP.

No Well Drilled Within 3000'

WELL NO. 2

POST

POST

N/F

BENSON

TOPO

A = N 44° 58' 55" E 1780.00'  
B = S 13° 41' 15" E 1790.00'  
C = N 74° 04' 00" W 1749.00'

2465  
140W

COOPERS ROCK STATE FOREST

(1) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 10.160  
DRAWING NO. 2  
SCALE 1" = 2000'  
MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
PROVEN SOURCE OF ELEVATION TAKEN FROM U.S.G.S. TOPO MAP

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 DEPARTMENT OF ENERGY  
(SIGNED) James E. Telton  
R.P.E. 2886 I.L.S.

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS



DATE MAY 26 1988

OPERATOR'S WELL NO. 12

API WELL NO.

47 - 061 - 0909

STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP  SHALLOW \_\_\_

LOCATION: ELEVATION 2185' WATERSHED \_\_\_\_\_

DISTRICT UNION 7 COUNTY MONONGALIA

QUADRANGLE LAKE LYNN 425 0863 Morgantown, W.V.

SURFACE OWNER MARTIN MARIETTA CORP. ACREAGE 1,339.79 Ac

OIL & GAS ROYALTY OWNER M. Marietta/K. Smith et al LEASE ACREAGE 1,339.79 Ac.

LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_

MAR 24 1989

TARGET FORMATION Oriskany ESTIMATED DEPTH 8182'

WELL OPERATOR R.E. FOX & ASSOCIATES DESIGNATED AGENT James E. Gaston

ADDRESS 806 VALLEY BROOK RD., SUITE 102 ADDRESS 1335 University Ave; Suite A

McMURRAY, PA. 15317 4106 Morgantown, WV 26505

DEEP WELL 1-1 unnamed (000)

LONGITUDE 79° 45' 00"



WM-35

State of West Virginia  
DEPARTMENT OF ENERGY  
Oil and Gas Division

Date July 21, 1999  
Operator's  
Well No. Martin Marietta #2  
Farm Martin Marietta  
API No. 47 -061 -00309

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /  
(If "Gas," Production / Underground Storage / Deep X / Shallow /)

LOCATION: Elevation: 1339.83 Watershed Robles Run  
District: Union County Wayne Quadrangle Lake Lynn

COMPANY R. E. Fox & Associates  
ADDRESS 370 Leonard Ave., Washington, PA 15301  
DESIGNATED AGENT James Gaston  
ADDRESS 1335 University Ave. Martinsburg, WV 26005  
SURFACE OWNER Martin Marietta  
ADDRESS P.O. Box 30013 Raleigh, NC  
MINERAL RIGHTS OWNER Same  
ADDRESS \_\_\_\_\_  
OIL AND GAS INSPECTOR FOR THIS WORK \_\_\_\_\_  
Donald Kille ADDRESS 2604 Crab Apple Lane  
Fairmont, WV  
PERMIT ISSUED 3-20-89  
DRILLING COMMENCED 4-13-89  
DRILLING COMPLETED 6-26-89  
IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

Casing Tubing	Used in Drilling	Left in Well	Current Fill up Cu. ft.
Size 20-16 Crod.			
13-10"	42	42	
9 5/8			
8 5/8	1431	1431	240 cbs
7			
5 1/2	7458	7458	230 cbs
4 1/2			
3			
2-7/8	7706	7706	
Lines used			

GEOLOGICAL TARGET FORMATION Oriole Depth 7606 feet  
Depth of completed well 7770 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 210 feet; Salt 3142 feet  
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW \_\_\_\_\_  
Producing formation Oriole Pay zone depth 7636-7650 feet  
Gas: Initial open flow 25 Mscf/d Oil: Initial open flow 0 bbl/d  
Final open flow \_\_\_\_\_ Mscf/d Final open flow \_\_\_\_\_ bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure 3400 psig (surface measurement) after 12 hours shut in  
(If applicable due to multiple completion—)  
Second producing formation None Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow \_\_\_\_\_ Mscf/d Oil: Initial open flow \_\_\_\_\_ bbl/d  
Final open flow \_\_\_\_\_ Mscf/d Oil: Final open flow \_\_\_\_\_ bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

(Continue on reverse side)

20  
12  
08  
200

MARTIN MARIETTA #2

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC

Well completed as a natural well.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of sl and salt water, coal, oil.
Sand & Shale			0	65	Driller Log
Red Rock & Shales			65	115	
Sand & Shales			115	500	Damp 210'
Sand			500	640	
Sand & Shales			640	1640	
Sands			1640	1800	
Shales			1800	2330	
Sands			2300	2612	Gas 6064 26/10 1-1/4
Shales			2612	6900	
Lime			6900	7000	
Shales			7000	7434	
Lime			7434	7430	
Chert			7450	7606	
Sand			7606	7696	
Lime			7696	T.D.	
T.D.			7770		
Formation Tops:					
	Tully		6900		
	Marcellus		7320		
	Oondaga		7436		
745.)	Huntersville		7454		Gas 7640 24 HRCF
	Oriskany		7606		
	Baldersbar		7695		

743.  
2185  
5251

7695  
2185  
5516

7606  
2185  
5421

(Attach separate sheets as necessary)

R. E. FOX & ASSOCIATES

By: PRD Peter Battles  
Date: July 21, 1989

Note: Regulation 8.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including slt. encountered in the drilling of a well."

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

- 1) Well Operator: R. E. Fox and Associates 18055, 7, 425
- 2) Operator's Well Number: Martin Marietta #2 3) Elevation: 2185'
- 4) Well type: (a) Oil   / or Gas X/
- (b) If Gas: Production X/ Underground Storage   /  
 Deep X/ Shallow   /
- 5) Proposed Target Formation(s): Oriskany/Huntersville Chert
- 6) Proposed Total Depth: 8182 feet
- 7) Approximate fresh water strata depths: 50' - 70' - 175'
- 8) Approximate salt water depths: None recorded in vicinity of proposed well
- 9) Approximate coal seam depths: None - Mauch Chunk/Loyalhanna Limestone exposed at surface
- 10) Does land contain coal seams tributary to active mine? Yes   / No X/
- 11) Proposed Well Work: Drill new well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	16"	H-40	65#	20'	20'	sanded in
Fresh Water	11 3/4"	H-40	42#	200'	200'	To surface 95 cu. ft.
Coal						
Intermediate	8 5/8"	J-55	23#	1400'	1400'	To surface 294 cu. ft.
Production	4 1/2"	M-75	11.6#	NA	8182'	1500' 342 cu. ft.
Tubing	2 3/8"	J-55	4.7 #	NA	8100'	None
Liners						

PACKERS : Kind None  
 Sizes             
 Depths set           

**RECEIVED**  
 MAR 17 1989

*000 0072  
 BURDette 03/16  
 check.*

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond 10K LETTER  Agent  
 (Type)

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MAR 17 1989

Page 1 of 3  
Form WW2-A  
(09/87)  
File Copy

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1) Date: \_\_\_\_\_  
2) Operator's well number  
#2  
3) API Well No: 47 - 061 - 0909  
State - County - Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:  
(a) Name Martin Marietta Aggregates  
Address P. O. Box 30013  
Raleigh, NC 27622  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Donald Ellis #1  
Address 2604 Crab Apple Lane  
Fairmont, WV 26554  
Telephone (304)-534-5596

5) (a) Coal Operator:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Martin Marietta Aggregates  
Address P. O. Box 30013  
Raleigh, NC 27622  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)  
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 3 on the above named parties, by:  
 Personal Service (Affidavit attached)  
 Certified Mail (Postmarked postal receipt attached)  
 Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.  
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.  
Well Operator R. E. FOX AND ASSOCIATES  
By: [Signature]  
Its: R. E. Fox, President  
Address 370 Leonard Avenue  
Washington, PA 15301  
Telephone 412-222-7620

Subscribed and sworn before me this 11th day of March  
before Mary Ann Sacoris, a  
My commission expires \_\_\_\_\_

Notarial Seal  
Mary Ann Sacoris, Notary Public  
West Mifflin Borough, Allegheny County  
My Commission Expires May 15 1989  
Public  
Member, Pennsylvania Association of Notaries