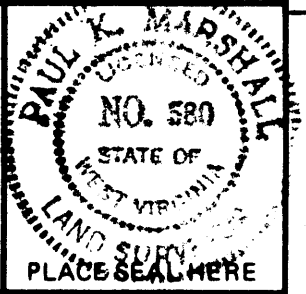


FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1" in 200  
 PROVEN SOURCE OF ELEVATION U.S.G.S. B.M. 937

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 MINES.  
 (SIGNED) Paul K. Marshall  
 R.P.E. \_\_\_\_\_ L.L.S. 580



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)

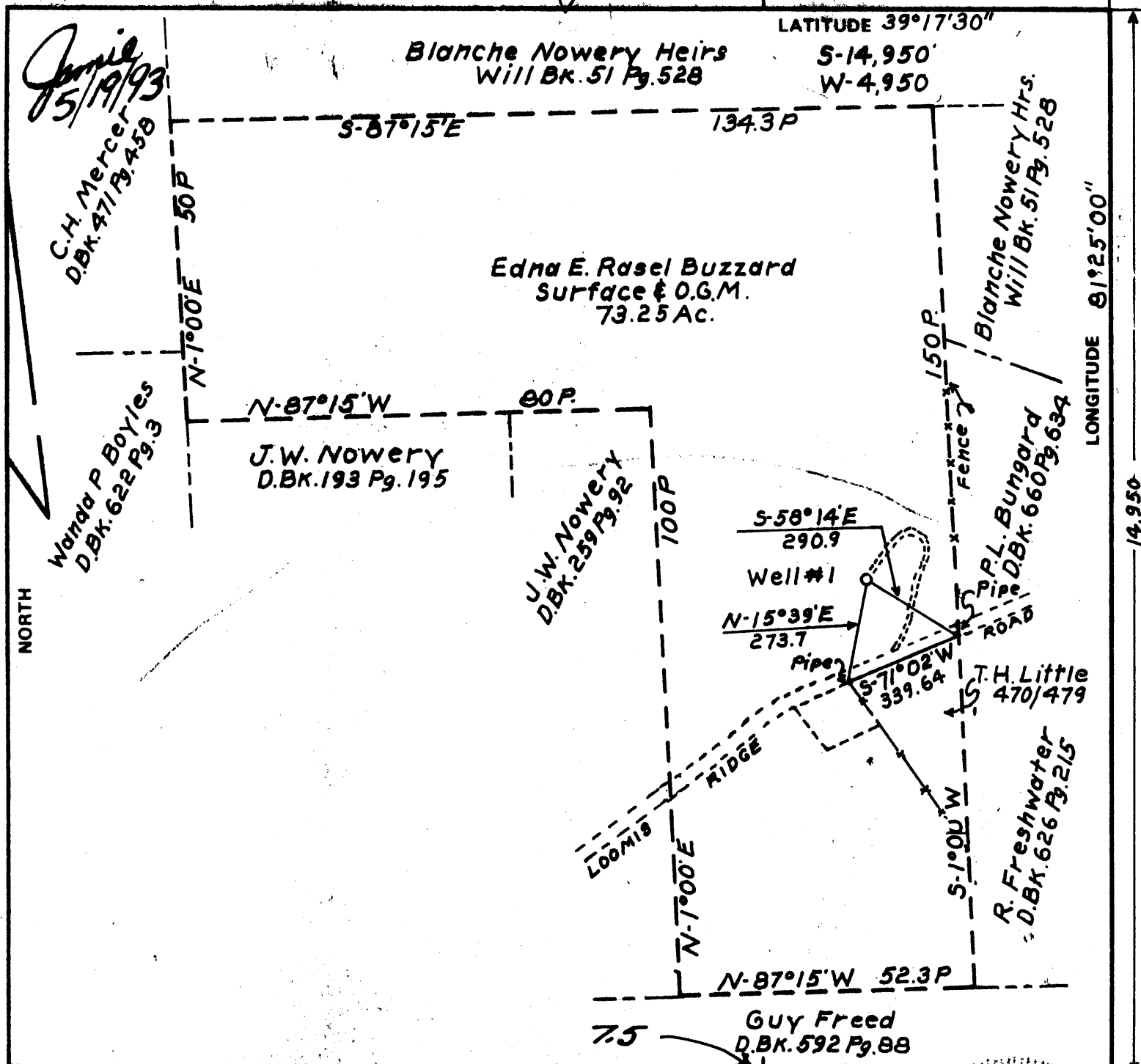


DATE Nov. 30, 1981  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47-107-1194-P  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

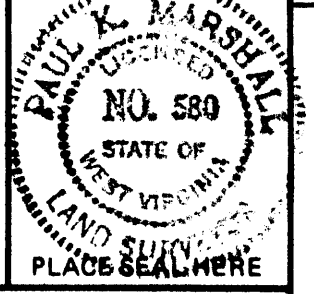
WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 854 WATER SHED Gillespie Run  
 DISTRICT Clay COUNTY Wood  
 QUADRANGLE Valley Mills W.Va. 7.5'  
 SURFACE OWNER Edna E. Rasel Buzzard ACREAGE 73.25  
 OIL & GAS ROYALTY OWNER Edna E. Rasel Buzzard LEASE ACREAGE 73.25  
 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 \_\_\_\_\_  
 TARGET FORMATION Devonian ESTIMATED DEPTH 4800'  
 WELL OPERATOR Dev Oil & Gas DESIGNATED AGENT John Grim  
 ADDRESS 402 Thomas Forkwood, W.V. 26101 ADDRESS 402 Thomas Forkwood, W.V. 26101

WOOD 47-107-1194-P



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1" IN 200  
 PROVEN SOURCE OF ELEVATION U.S.G.S. B.M. 937

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 MINES.  
 (SIGNED) Paul K. Marshall  
 R.P.E. \_\_\_\_\_ L.L.S. 580



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)

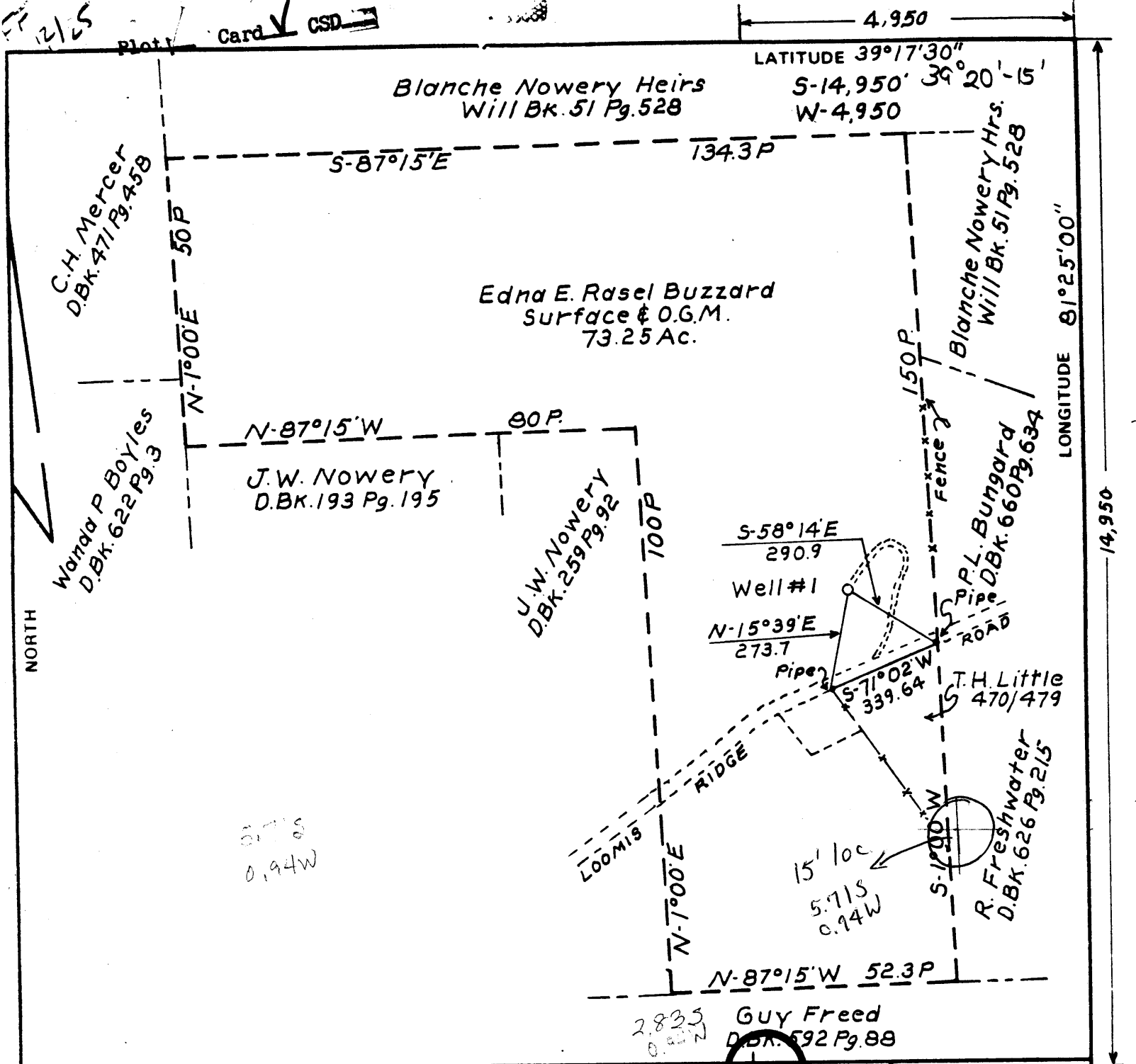


DATE Nov. 30, 1981  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47-107-1194-P  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 854 WATER SHED Gillespie Run  
 DISTRICT Clay COUNTY Wood  
 QUADRANGLE Valley Mills W.Va. 7.5'  
 SURFACE OWNER Edna E. Rasel Buzzard ACREAGE 73.25  
 OIL & GAS ROYALTY OWNER Edna E. Rasel Buzzard LEASE ACREAGE 73.25  
 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 \_\_\_\_\_  
 TARGET FORMATION Pre-Cambrian ESTIMATED DEPTH 4800'  
 WELL OPERATOR John G. Ginn DESIGNATED AGENT \_\_\_\_\_  
 ADDRESS 402 Farmville Park, Parkersburg, W.V. 26101 ADDRESS \_\_\_\_\_

JUN 25 1981



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1" in 200  
 PROVEN SOURCE OF ELEVATION U.S.G.S. B.M. 937

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 MINES.

(SIGNED) Paul K. Marshall  
 R.P.E. \_\_\_\_\_ L.L.S. 580

PLACE SEAL HERE

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

FORM IV-6 (8-78)

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


LOCATION: ELEVATION 854 WATER SHED Gillespie Run  
 DISTRICT Clay COUNTY Wood  
 QUADRANGLE Valley Mills W.Va. 7.5' Marietta 15' SW

SURFACE OWNER Edna E. Rasel Buzzard ACREAGE 73.25  
 OIL & GAS ROYALTY OWNER Edna E. Rasel Buzzard LEASE ACREAGE 73.25  
 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 \_\_\_\_\_

TARGET FORMATION Devoniah ESTIMATED DEPTH 4800  
 WELL OPERATOR Marietta Royalty Co. Inc. DESIGNATED AGENT J Robert Mullnenix  
 ADDRESS 225 Putman Street ADDRESS 3902 1st Avenue  
Marietta Ohio Vienna W.Va. 26105



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE Nov. 30, 1981  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47 - Wood - 1194  
 STATE COUNTY PERMIT

JAN 21 1982

IV-35  
(Rev 8-81)

RECEIVED  
AUG 29 1983

OIL & GAS DIVISION  
DEPT. OF MINES



State of West Virginia  
Department of Mines  
Oil and Gas Division

Date August 15, 1983  
Operator's Well No. One  
Farm Edna E. Buzzard  
API No. 47 - 107 - 1194

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 854' Watershed Gillespie Run  
District: Clay County Wood Quadrangle Valley Mills

COMPANY Marietta Royalty Co., Inc.  
ADDRESS 225 Putnam St., Marietta, Oh. 45750  
DESIGNATED AGENT Mark C. Dobbins  
ADDRESS 114 1/2 E. 4th St., Williamstown, W.Va. 26187  
SURFACE OWNER Edna E. Buzzard  
ADDRESS Rt.9, Box 305, Parkersburg, W.Va. 26101  
MINERAL RIGHTS OWNER Edna E. Buzzard  
ADDRESS Rt.9, Box 305, Parkersburg, W.Va. 26101  
OIL AND GAS INSPECTOR FOR THIS WORK Samuel Hersman  
ADDRESS P.O. Box 66 Smithville, W.Va. 26178  
PERMIT ISSUED August 23, 1982  
DRILLING COMMENCED September 20, 1982  
DRILLING COMPLETED November 3, 1982

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
10-10"		300'	to surface 115 sks
9 5/8			
8 5/8	1145'		
7	2007'		
5 1/2			
4 1/2		2850'	100 sks
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Devonian Shale - Benson Depth 4800' feet  
Depth of completed well 2900' feet Rotary  / Cable Tools   
Water strata depth: Fresh None feet; Salt 1670' feet  
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Devonian Shale - Gordon Pay zone depth 2590-2630 feet  
Gas: Initial open flow Trace Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow 10 Mcf/d Final open flow 1 Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure 200 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ Mcf/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)

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

PERFORATIONS: 18 Total, TOP @ 2590', BOTTOM @ 2630'

FRACTURING: 300 Gal. 15% HCL, 130 MSCF N2, 1800 BBLs H2O,  
600# J266, 800CWT 20-40 Sand, 60 Gal. L53,  
50 Gal. W22, 50 Gal. F75

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil	Red	S	0	5	
Yellow Clay	Yellow	S	5	22	
Red Rock	Red	S	22	27	
Slate	Gray	S	27	32	
Red Rock	Red	S	32	53	
Slate	Grey	H	53	80	
Red Rock	Red	S	80	90	
Slate/Shells	Grey	M	90	117	
Red Rock	Red	S	117	145	
Slate	Blue	M	145	170	
Red Rock	Red	S	170	180	
Slate	Blue	M	180	190	
Red Rock	Red	S	190	210	
Sand	Dark	M	210	220	
Red Rock	Red	S	220	240	
Slate/Shells	Grey	M	240	255	
Sand	Wht	M	255	270	
Blk Slate	Blk	S	270	280	
Slate/Shells	Grey	M	280	303	
Lime	Red	H	303	315	
Red Rock	Red	S	315	365	
Slate/Shells	Grey	M	365	375	
Red Rock	Red	S	375	445	
Slate	Blue	M	445	475	
Red Rock	Red	S	475	490	
Slate/Shells	Grey	M	490	520	
Red Rock	Red	S	520	540	
Slate/Shells	Grey	M	540	595	
Lime	Blue	H	595	610	
Slate/Shells	Grey	M	610	620	
Sand	Wht	M	620	658	
Slate	Blue	M	658	675	
Red Rock	Red	S	675	685	
Slate/Shells	Grey	M	685	710	
Red Rock	Red	S	710	730	
Slate/Shells	Grey	M	730	747	
Sand	Wht	H	747	768	

(Attach separate sheets as necessary)

Marietta Royalty Company, Inc.

Well Operator

By:

*Calvin Olye, Sect.*

Date:

AUG 15 1983

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

107-1194, Pg. 2

SEP 12 1983

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Slate/Shells	Grey	M	768	775	
Red Rock	Red	S	775	880	
Slate	Grey	S	880	920	
Red Rock	Red	S	920	945	
Slate	Grey	M	945	965	
Sand	Grey	M	965	980	
Slate	Grey	M	980	1000	
Sand - 1st Cow Run	Wht	H	1000	1020	Oil Show
Slate/Shells	Grey	M	1020	1050	
Sand - 2nd Cow Run	Wht	H	1050	1070	Oil Show
Blk Slate	Blk	S	1070	1085	
Slate/Shells	Grey	M	1085	1100	
Sand	Br	H	1100	1110	
Slate/Shells	Grey	M	1110	1125	
Sand - Horse Neck	Grey	H	1125	1165	
Slate/Shells	Grey	S	1165	1206	
Sand - 1st Salt	Wht	H	1206	1221	Oil Show
Slate/Shells	Grey	M	1221	1230	
Sand - 2nd Salt	Wht	H	1230	1240	
Slate/Shells	Grey	M	1240	1293	
Sand - 3rd Salt	Wht	H	1293	1375	Oil & Gas Show
Slate/Shells	Grey	M	1375	1405	
Sand - Maxton	Wht	H	1405	1432	Oil Show
Slate/Shells	Grey	S	1432	1452	
Sand	Grey	H	1452	1460	
Sand Lower Maxton	Wht	H	1460	1485	Salt Water
Slate/Shells	Blk	M	1485	1490	
Slate/Shells	Grey	M	1490	1505	
Sand	Wht	H	1505	1540	
Slate/Shells	Grey	M	1540	1585	
Sand - Keener	Br	H	1585	1642	
Slate	Grey	S	1642	1644	
Lime - Big Lime	Dark	H	1644	1670	
Sand - Injun	Wht	M	1670	1770	Salt Water
Slate/Shells	Grey	M	1770	1777	
Sand - Squaw	Wht	H	1777	1946	
Slate/Shells	Grey	M	1946	1951	

(Attach separate sheets as necessary)

By: \_\_\_\_\_  
Date: \_\_\_\_\_

Note: Regulation 2.02(i) provides as follows:  
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

Over →

(REVERSE)

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

1981 11 23

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand	Dark	H	1951	1980	
Lime	Dark	H	1980	2062	
Slate/Shells	Grey	S	2062	2225	
Shale - <del>Coffee</del> ✓	Br	M	2225	2241	
Gritty Shale	Grey - <u>Garden Stroy</u>	H	2241	2338	
Lime	Wht	H	2338	2380	
Slate/Shells	Grey	H	2380	2441	
Shale	Grey	H	2441	2585	
Sandy/shale	Grey - <u>Garden</u>	M	2585	2900	T. D.

(Attach separate sheets as necessary)

By: \_\_\_\_\_

Date: \_\_\_\_\_

Note: Regulation 2.02(i) provides as follows:  
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



Well No. One (1)  
Farm Edna E. Buzzard  
API # 47-107-1194-Ren  
Date August 16, 1982

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /

(If "Gas", Production X / Underground storage \_\_\_ / Deep \_\_\_ / Shallow \_\_\_ /

LOCATION: Elevation: 854' Watershed: Gillespie Run  
District: Clay County: Wood Quadrangle: Valley Mills

WELL OPERATOR Marietta Royalty Company, Inc.  
Address 225 Putnam Street  
Marietta, Ohio 45750

DESIGNATED AGENT J. Robert Mullenix  
Address 3902 1st. Ave.  
Vienna, W.Va. 26105

OIL AND GAS ROYALTY OWNER Edna E. Buzzard  
Address Rt. 9, Box 305  
Parkersburg, W.Va. 26101  
Acreage 73.25 Acres

COAL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_

SURFACE OWNER Edna E. Buzzard  
Address Rt. 9, Box 305  
Parkersburg, W.Va. 26101  
Acreage 73.25 Acres

COAL OWNER(S) WITH DECLARATION ON RECORD:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME Deo Mace  
Address Rt. 1, Box 5  
Sandridge, W.Va. 25274  
Telephone 304-655-7398

**RECEIVED**  
AUG 23 1982

OIL & GAS DIVISION  
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease X / other contract \_\_\_ / dated Nov. 9, 1981, to the undersigned well operator from Edna E. Buzzard.

(If said deed, lease, or other contract has been recorded:)

Recorded on Nov. 10, 1981, in the office of the Clerk of County Commission of Wood County, West Virginia, in Deed Book 763 at page 513. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate X / Plug off old formation \_\_\_ / Perforate new formation X / Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1613 WASHINGTON ST., E.  
CHARLESTON, WV 25311  
Telephone - 304/348-3092

MARIETTA ROYALTY COMPANY, INC.  
Well Operator

By: J. R. Mullenix  
Its: President



(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) \_\_\_\_\_

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Devonian Shale - Benson

Estimated depth of completed well 4,800' feet. Rotary      / Cable tools X /  
Approximate water strata depths: Fresh, 150' feet; salt, 1,800' feet.  
Approximate coal seam depths: Unknown  
Is coal being mined in this area: Yes      / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor									Kinds
Fresh water	10"		32	X			200'	Cemented to surface	
	8 5/8"		24	X		840'			Sizes
Intermed.	7"		20	X		1,600'			
Production Tubing	4 1/2"		10.5	X			4,800'	Cemented if productive	
Liners									Perforations: Top Bottom

**NOTE:** Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE.**

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling renewed. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 5-2-83

BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator      / owner      / lessee      / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: \_\_\_\_\_, 19\_\_\_\_.

By: \_\_\_\_\_

Its: \_\_\_\_\_



STATE OF WEST VIRGINIA  
 OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil XX / Gas XX /

(If "Gas", Production XX / Underground storage      / Deep      / Shallow      /

LOCATION: Elevation: 854' Watershed: Gillespie Run  
 District: Clay County: Wood Quadrangle: Valley Mills

WELL OPERATOR Marietta Royalty Company, Inc.  
 Address: 225 Putnam Street  
Marietta, Ohio 45750

DESIGNATED AGENT J. Robert Mullenix  
 Address: 3902 1st. Ave.  
Vienna, W.Va. 26105

OIL AND GAS ROYALTY OWNER Edna E. Buzzard  
 Address: Rt. 9, Box 305  
Parkersburg, W.Va. 26101  
 Acreage: 73.25 Acres

COAL OPERATOR \_\_\_\_\_  
 Address \_\_\_\_\_

SURFACE OWNER Edna E. Buzzard  
 Address: Rt. 9, Box 305  
Parkersburg, W.Va. 26101  
 Acreage: 73.25 Acres

COAL OWNER(S) WITH DECLARATION ON RECORD:  
 NAME \_\_\_\_\_  
 Address \_\_\_\_\_  
 NAME \_\_\_\_\_  
 Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
 NAME \_\_\_\_\_  
 Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
 NAME \_\_\_\_\_  
 Address \_\_\_\_\_

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
 NAME Deo Mace  
 Address Rt. 1, Box 5  
Sandridge, W.Va. 25274  
 Telephone 304-655-7398

RECEIVED  
 DEC 10 1981  
 OIL AND GAS DIVISION  
 WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed      / lease XX / other contract      / dated Nov. 9, 1981, to the undersigned well operator from Edna E. Buzzard.

(If said deed, lease, or other contract has been recorded:)

Recorded on Nov. 10, 1981, in the office of the Clerk of County Commission of Wood County, West Virginia, in Deed Book -763 at page 513. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill Deeper      / Redrill      / Fracture or stimulate XX / Plug off old formation      / Perforate new formation XX / Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: **BLANKET BOND** MARIETTA ROYALTY COMPANY, INC.  
 Well Operator

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
 1513 WASHINGTON ST., E.  
 CHARLESTON, WV 25311  
 Telephone - 304/348-3092

By: J. Robert Mullenix  
 Its: President

DEC 8 1981

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) \_\_\_\_\_

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Devonian Shale- Middle

Estimated depth of completed well 4,800' feet. Rotary     / Cable tools XX /

Approximate water strata depths: Fresh, 150' feet; salt, 1,800' feet.

Approximate coal seam depths: Unknown

Is coal being mined in this area: Yes     / No XX /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL- UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill- ling		
Conductor								Kinds
Fresh water	10"		32	X			200'	Cemented to surface
	8 5/8"		24	X		840'		<i>John Ruffin</i> Sizes
Intermed.	7"		20	X		1,600'		
Production	4 1/2"		10.5	X			4,800'	Cemented if productive
Tubing								
Liners								Perforations:
								Top Bottom

**NOTE:** Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in compliance with Chapter 22, of the W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if operations have not commenced by 8-28-82

*John Ruffin*  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator     / owner     / lessee     / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: \_\_\_\_\_, 19\_\_\_\_.

By: \_\_\_\_\_

Its: \_\_\_\_\_

R-38  
01-Aug-95

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: BUZZARD, EDNA E. RASEL Operator Well No.: BUZZARD 1

LOCATION: Elevation: 854.00 Quadrangle: VALLEY MILLS  
District: CLAY County: WOOD  
Latitude: 14950 Feet South of 39 Deg. 17 Min. 30 Sec.  
Longitude: 4950 Feet West of 81 Deg. 25 Min.

Well Type: OIL    X    GAS    X   

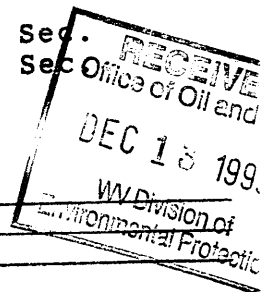
Company: G & S Oil & Gas  
402 Parmaco  
Parkersburg, WV 26101

Coal Operator    N/A     
or Owner      

Agent:   

Coal Operator    N/A     
or Owner      

Permit issued: 06/22/93



AFFIDAVIT

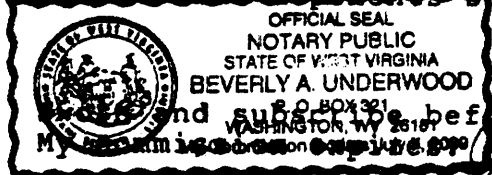
STATE OF WEST VIRGINIA,  
County of    ss:

John S. Grim and Sam M. Deal being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and    Oil and Gas Inspector representing the Director, say that said work was commenced on the 6/21/95 day of   , 1995, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
CEMENT	2550	2450		
CEMENT	1140	870	1180' 4 1/2"	1670 FT
CEMENT	350	250		
CEMENT	100	SURFACE		
6% GEL PLUGS	BETWEEN	ALL CEMENT PLUGS.		

Description of monument: BURIED AT LANDOWNERS REQUEST and that the work of plugging and filling said well was completed on the 4TH day of MARCH, 1996.

And further deposes with not.



and sub. 603321 before me this 8th day of September, 1995  
My commission expires on July 7, 2007

John S. Grim, Partner  
Sam M. Deal, Engineer

Beverly A. Underwood  
Notary Public

Oil and Gas Inspector:   

\* LANDOWNER WANTED HORIZONTAL BURIED FROM FLOW DEPTH

WOOD 1147 P