

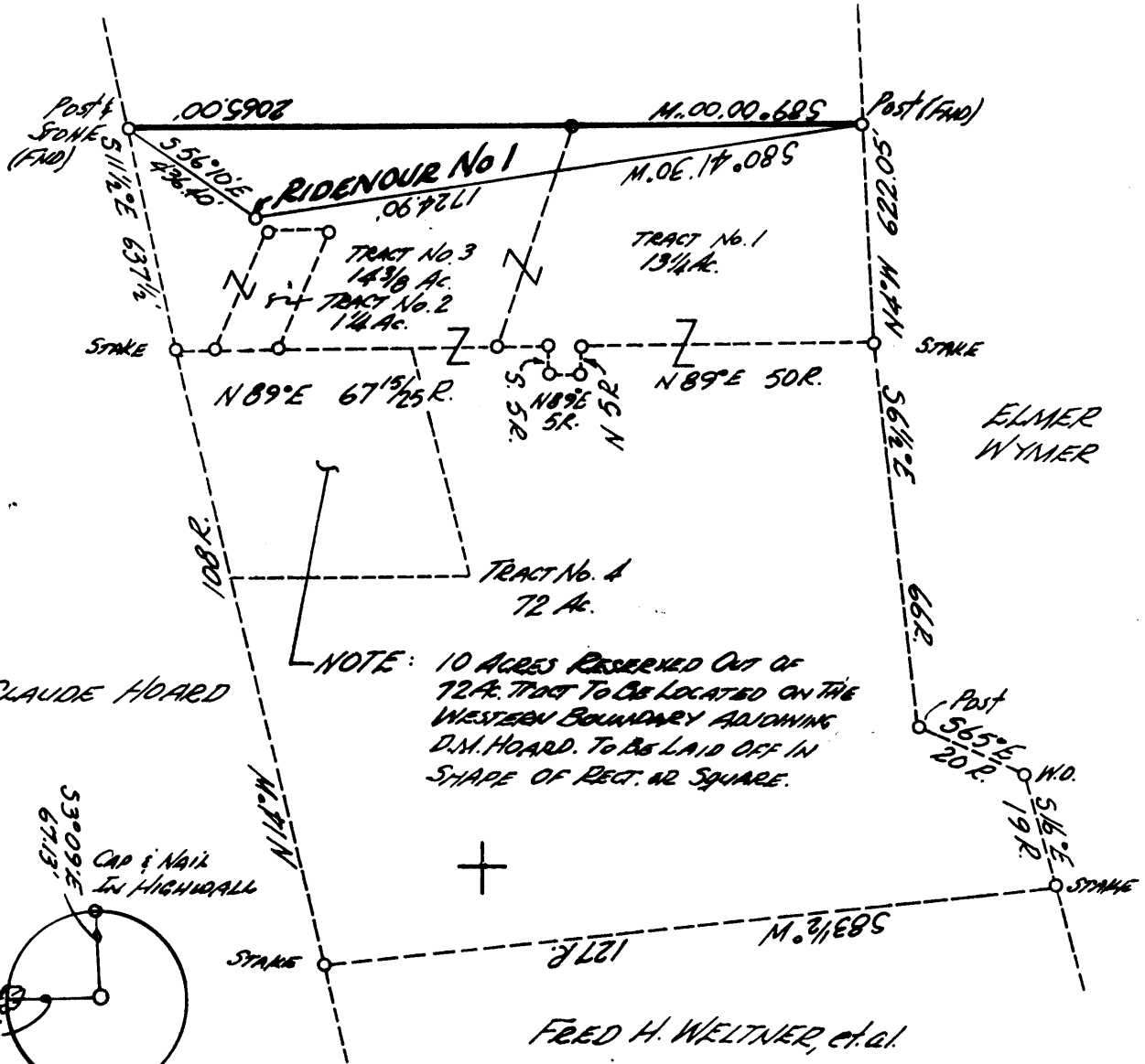
8/25/87

9000'

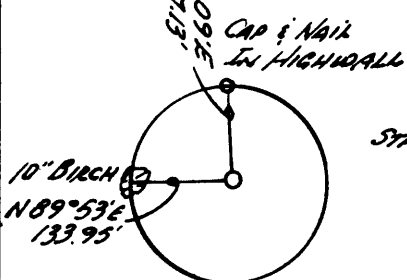
LATITUDE 39°45'00"

Jemie 9/13/80

REUBEN BAILEY



NOTE: 10 ACRES RESERVED OUT OF 72 AC. TRACT TO BE LOCATED ON THE WESTERN BOUNDARY ADJOINING D.M. HOARD. TO BE LAID OFF IN SHAPE OF RECT. OR SQUARE.



REFERENCES (Bl. 46 Pg. 75)

NOTE: No known wells within 1200'.

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:2500  
 PROVEN SOURCE OF ELEVATION U.S.G.S. QUAD

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) Frank A. Williams  
 R.P.E. 7064 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE AUGUST 13, 1987  
 OPERATOR'S WELL NO. RIDENOUR No. 1  
 API WELL NO. Cancelled  
47 - 061 - 0843-Frac  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1120 WATERSHED MONONGAHELA RIVER  
 DISTRICT UNION COUNTY MONONGALIA  
 QUADRANGLE MORGANTOWN NORTH - WVA-PA  
 SURFACE OWNER WILLARD WAYNE RIDENOUR, et al DB 911 Pg. 291 ACREAGE 90 7/8 Ac.  
 OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 92 Ac.  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X 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 Bayard ESTIMATED DEPTH 2950'  
 WELL OPERATOR NOUMENON CORPORATION DESIGNATED AGENT STEPHAN K. SHUMAN, PRES.  
 ADDRESS P.O. Box 842, Morgantown, W.V. ADDRESS SAME  
26507-0842

H.T. HALL 48673 FORM WW-6

LONGITUDE 79°52'30"

400'

COUNTY NAME

PERMIT

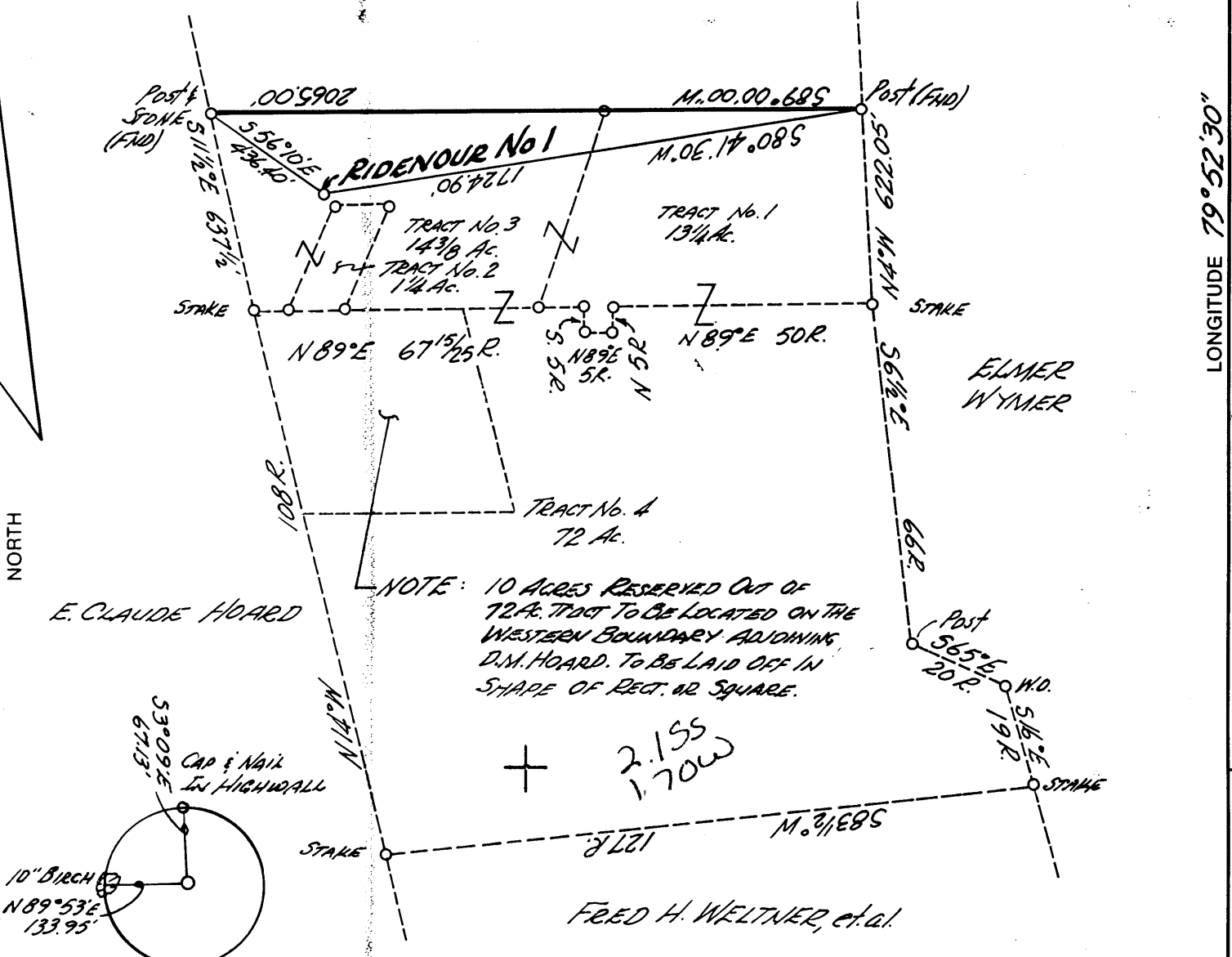
F-RAC

#15 8/25/87  
 Jamie 9/13/90

9000'

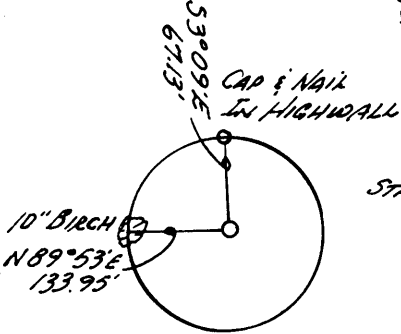
LATITUDE 39°45'00"

REUBEN BAILEY



NOTE: 10 ACRES RESERVED OUT OF 72 AC. TRACT TO BE LOCATED ON THE WESTERN BOUNDARY ADJOINING D.M. HOARD. TO BE LAID OFF IN SHAPE OF RECT. OR SQUARE.

+ 2.155  
 1.70 W



REFERENCES  
 (Bk. 46 Pg. 75)

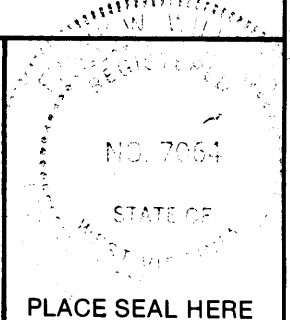
NOTE: No known wells within 1200'.

2.15  
 3.92 NC

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 R.P.E. 7064 L.L.S. \_\_\_\_\_



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE AUGUST 13, 19 87  
 OPERATOR'S WELL NO. RIDENOUR No. 1  
 API WELL NO. \_\_\_\_\_  
47 - 061 - 0843-F  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1120 WATER SHED MONONGAHELA RIVER  
 DISTRICT UNION 7 COUNTY MONONGALIA  
 QUADRANGLE MORGANTOWN NORTH - WVA-PA  
 SURFACE OWNER WILLARD WAYNE RIDENOUR, et ux DB911 Pg. 291 ACREAGE 90 7/8 Acs.  
 OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 92 Acs  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X 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 Bayard ESTIMATED DEPTH 2950'  
 WELL OPERATOR NOUMENON CORPORATION DESIGNATED AGENT STEPHEN K. SHUMAN, PRES.  
 ADDRESS P.O. Box 842, Morgantown, W.V. ADDRESS SAME  
26507-0842624

SEP 24 1990

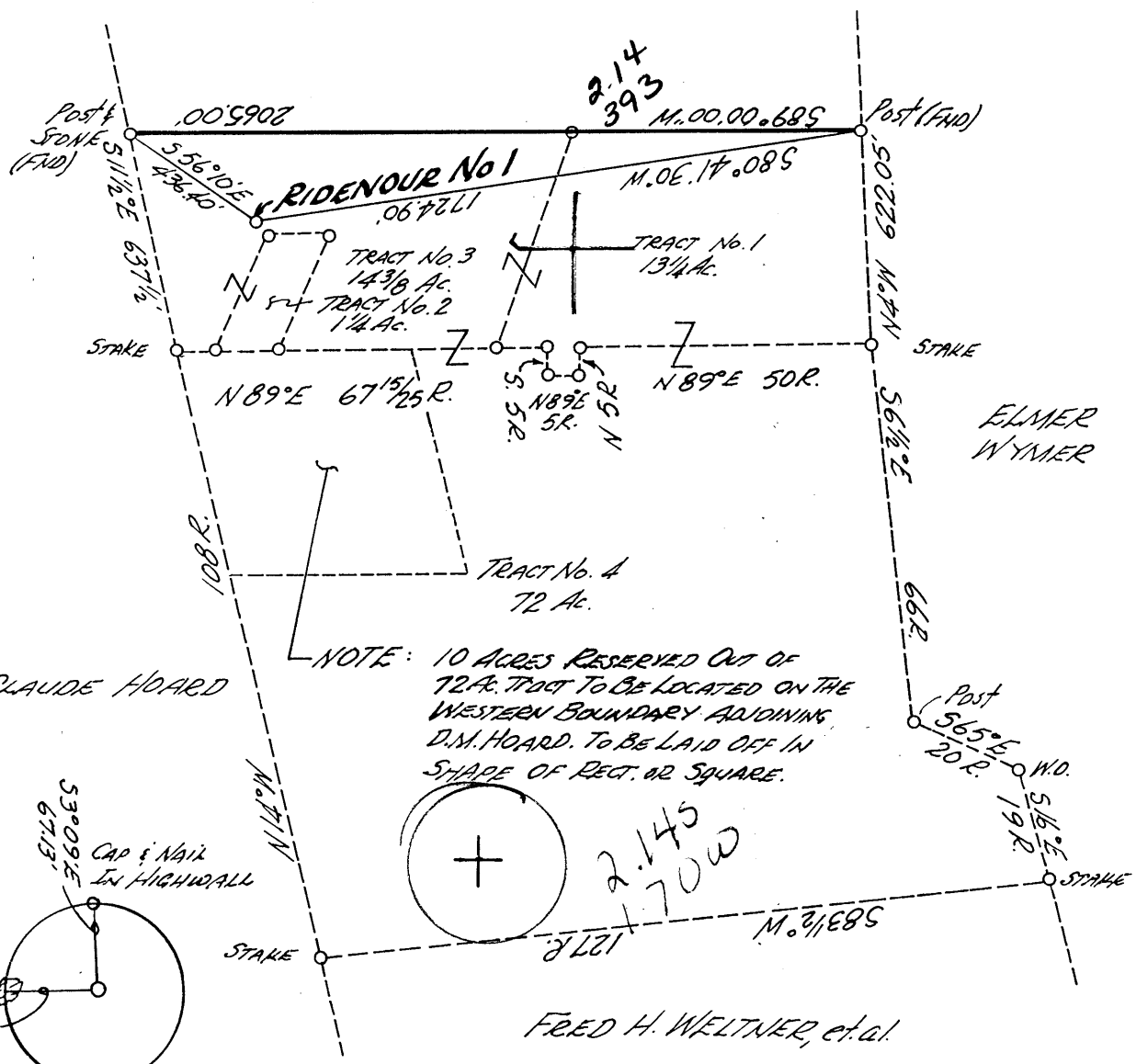
FORM WW-6 H.T. HALL 4-8673

COUNTY NAME MONONGALIA  
 PERMIT 0843

FB 8/25/87

9000' LATITUDE 39°45'00"

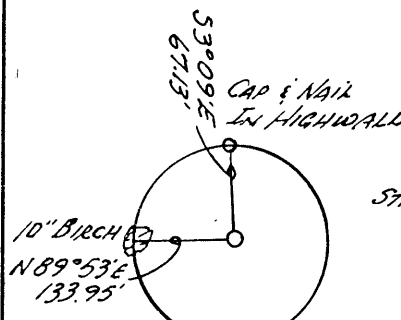
REUBEN BAILEY



NOTE: 10 ACRES RESERVED OUT OF 72 AC. TRACT TO BE LOCATED ON THE WESTERN BOUNDARY ADJOINING D.M. HOARD. TO BE LAID OFF IN SHAPE OF RECT. OR SQUARE.

NORTH

LONGITUDE 79°52'30"



REFERENCES (Bl. 46 Pg. 75)

NOTE: No known wells within 1200'.

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

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 R.P.E. 7064 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE AUGUST 13, 1987  
 OPERATOR'S WELL NO. RIDENOUR No. 1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1120 WATER SHED MONONGAHELA RIVER  
 DISTRICT UNION 7 COUNTY MONONGALIA +15'  
 QUADRANGLE MORGANTOWN NORTH - WVA-Pa 484 086 NC2  
 SURFACE OWNER WILLARD WAYNE RIDENOUR, et al DB911 Pg. 291 ACREAGE 90 7/8 Acs.  
 OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 92 Acs

PROPOSED WORK: DRILL X 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 \_\_\_\_\_ ESTIMATED DEPTH 2950'  
 WELL OPERATOR NOUMENON CORPORATION DESIGNATED AGENT STEPHEN K. SHUMAN, PRES.  
 ADDRESS P.O. Box 842, Morgantown, W.V. ADDRESS SAME  
26507-0842, 24

AUG 31 1987

6-6 Cassville-Bowlby (062)

FORM WW-6

COUNTY NAME PERMIT

**RECEIVED**  
 JAN 19 1989

28-APR-88  
 API # 47- 61-00843

State of West Virginia  
 DEPARTMENT OF ENERGY  
 Division of Oil and Gas

**DIVISION OF OIL & GAS**  
**DEPARTMENT OF ENERGY** Well Operator's Report of Well Work

FARM NAME: RIDENOUR, WILLARD & CAROL Operator Well No.: RIDENOUR 1

LOCATION: Elevation: 1120.00 Quadrangle: MORGANTOWN NORTH  
 District: UNION County: MONONGALIA  
 Latitude: 11400 Feet South of 39 Deg. 45Min. 0 Sec.  
 Longitude: 9000 Feet West of 79 Deg. 52Min. 30 Sec.

COMPANY: NOUMENON CORPORATION, a WV  
 P.O. Box 842  
 Morgantown, WV 26507-0842

AGENT: STEPHAN K. SHUMAN

Inspector: DONALD ELLIS  
 Permit Issued: 08/25/87  
 Well Work Commenced: 09/02/87  
 Well Work Completed: 09/07/87  
 Verbal Plugging  
 Permission granted on: n/a  
 Rotary  Cable  Rig  
 Total Depth (feet) 2699'  
 Fresh water depths (ft) None

Salt water depths (ft) n/a

Is coal being mined in area (y/n)? n  
 Coal Depths (ft): 619, 677

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	41'	41'	
8 5/8"	1070'	1070'	cts
4 1/2"	----	248'	
		--->	124' Parmco Tension
			Packer

**OPEN FLOW DATE**

Producing Formation Shumanon Gantz Pay zone depth (ft) 1910'  
 Gas: Initial open flow 1M+ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests n/a Hours  
 Static rock Pressure 298 psig (surface pressure) after 22 Hours

Second producing Formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

Note: Above information is a composite of both pay zones.

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: NOUMENON CORPORATION, a W.VA. CORP.

By: [Signature]  
 Date: January 14, 1989

JAN 23 1989

PERFORATION AND STIMULATION DATA:

None

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Shale & Sandstone	Surface	110	
Shale & Sandstone	110	208	
Sandstone	208	222	
Shale & Sandstone	222	475	
Sandstone	475	518	
Shale	518	552	
Sandstone	552	600	
Shale & Sandstone	600	619	
Upper Freeport Coal	619	625	
Shale & Sandstone	625	677	
Lower Freeport Coal	677	679	
Shale & Sandstone	679	890	
Sandstone	890	903	
Shale	903	939	
Homewood Sand	939	1041	
Shale	1041	1238	
Little Lime	1238	1250	
Shale	1250	1288	
Big lime	1288	1379	
Big Injun	1379	1554	
Shale	1554	1590	
Squaw Sand	1590	1702	
Shale	1702	1865	
Berea Sand ?	1865	1878	
Shale	1878	1889	
Shumanon } Gantz	1889	1907	Show of Gas
Shale } Gantz	1907	1939	
Gantz } Gantz	1939	1951	
Shale	1951	1976	
Fifty Foot	1976	1991	
Shale	1991	2023	
Thirty Foot	2023	2065	
Shale	2065	2163	
Gordon	2163	2176	
Shale	2176	2255	
Fourth	2255	2265	
Shale	2265	2377	
Fifth "A"	2377	2386	
Shale	2386	2421	
Fifth	2421	2441	
Shale	2441	2509	
Bayard	2509	2521	
Shale	2521	2537	
Elizabeth	2537	2555	Show of Gas
Base of Sand	2555		
TD (Logger)	2681		

**RECEIVED**  
JAN 19 1989

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Show of Gas

Show of Gas

582