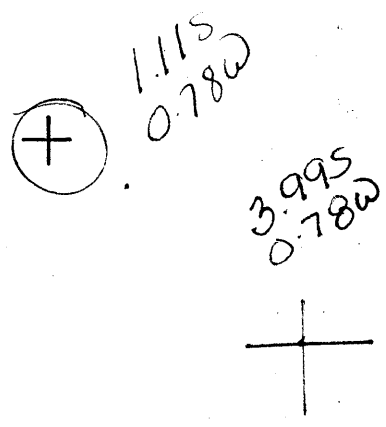
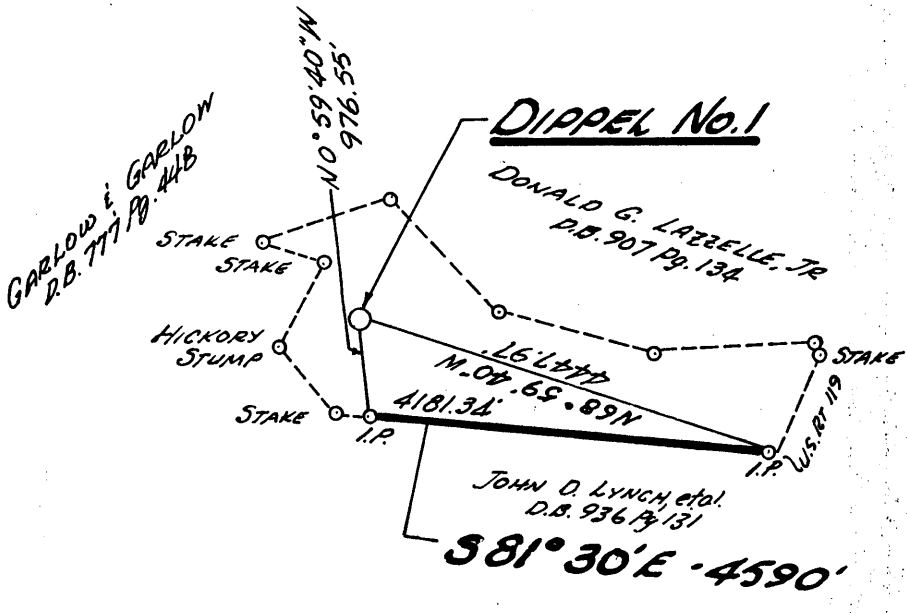


4100-3945

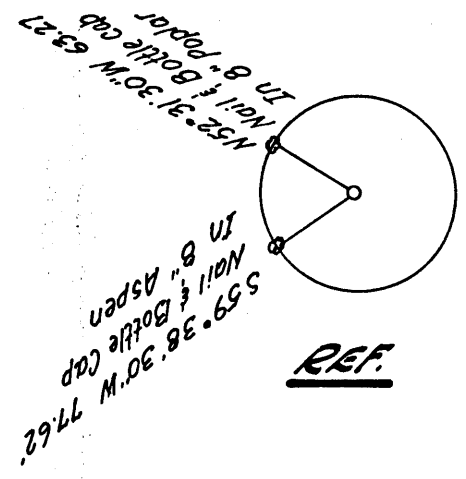
LATITUDE 39° 42' 30"

LONGITUDE 79° 55' 59.00"



NORTH

NOTE: No known wells within 1200'



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

BK 46 Pg. 45

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 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 H. Williams
 R.P.E. 706A L.L.S. _____

REGISTERED
 NO. 7061
 STATE OF
 WEST VIRGINIA
 PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE November 21, 1986
 OPERATOR'S WELL NO. DIPPEL No. 1
 API WELL NO. _____

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE COUNTY PERMIT
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1230 WATERSHED MONONGAHELA RIVER
 DISTRICT UNION 7 COUNTY MONONGALIA
 QUADRANGLE MORGANTOWN NORTH WVA. PA. 484 086 NW1
 SURFACE OWNER WILLIAM E RUTH DIPPEL, D.B. 868 Pg. 160 ACREAGE 148 Acs.
 OIL & GAS ROYALTY OWNER WILLIAM DIPPEL, et al. LEASE ACREAGE 172 Acs.

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 _____ JAN 05 1986

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Bayard Sand 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 624

6-6 Cassville-Bowlby

(68)

FORM WW-6 H.T. HALL 48673

COUNTY NAME PERMIT



WV-35
Rev 8-81)

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JUN 02 1987

State of West Virginia
Department of Mines
Oil and Gas Division

Date May 15, 1987
Operator's
Well No. 1
Farm Dippel No. 1
API No. 47 - 061 - 0829

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1230 Watershed Monongahela River
District: Union County Monongalia Quadrangle Morgantown North

COMPANY Noumenon Corporation
ADDRESS P.O. Box 842, Morgantown, WV 26507
DESIGNATED AGENT Stephen K. Shuman, Pres.
ADDRESS 256 High St., Morgantown, WV 26505
SURFACE OWNER William Dippel, et al
ADDRESS 23 West St., Westover, WV 26505
MINERAL RIGHTS OWNER William Dippel, et al
ADDRESS Same
OIL AND GAS INSPECTOR FOR THIS WORK Donald Ellis
2605 Crabapple Lane
ADDRESS Fairmont, WV
PERMIT ISSUED December 1986
DRILLING COMMENCED 1/6/87
DRILLING COMPLETED 1/11/87

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	42'	42'	
9 5/8			
8 5/8	1058	1058	CTS
7			
5 1/2			
4 1/2	2539	2539	290 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 Bayard Sand Depth 2950 feet
Depth of completed well 2630 feet Rotary XX / Cable Tools
Water strata depth: Fresh 1024 feet; Salt feet
Coal seam depths: 600 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Fifth Sand Pay zone depth 2421 feet
Gas: Initial open flow 160 Mcf/d Oil: Initial open flow Bbl/d
Final open flow 220 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 800 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation Fifty Foot/Berea Pay zone depth 1871 feet
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow Bbl/d
Final open flow 0 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

JUN 15 1987

(REVERSE)

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

5th 2421 - 2455 ft. with 14 holes, fraced with 491,000 SCF N2 & 42,000 # 20/40
Berea -> 1871 - 1995 with 21 holes - could not breakdown - did not treat
50ft?

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fres and salt water, coal, oil and ga
Sand & Shale			0	600	
Coal			600	608	
Shale			608	710	
Sand			710	740	
Shale			740	775	
Sand			775	800	
Shale			800	830	
Sand			830	1070	
Shale			1070	1160	
Sand			1160	1184	
Shale			1184	1257	
Limestone			1257	1270	
Shale			1270	1304	
Limestone Big Line			1304	1394	
Sand Inion			1394	1540	
Shale			1540	1616	
Sand			1616	1710	
Shale			1710	1870	
Sand Berea Quartz			1870	1880	
Shale			1880	1940	
Sand 50ft.			1940	1998	
Shale			1998	2022	
Sand			2022	2065	
Shale			2065	2163	
Sand Gordon			2163	2176	
Shale			2176	2324	
Sand 5th			2324	2466	
Shale			2466	2500	
Sand Bayard			2500	2556	
Shale			2556	TD	

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

TD:2630

(Attach separate sheets as necessary)

Noumenon Corporation

Well Operator

By: Stephen K. Shuman

Date: Stephen K. Shuman, Pres. May 15, 1987

9475

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well' shall mean a systematic

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DEC 29 1986



1) Date: December 11, 1986
2) Operator's Well No. Dippel # 1
3) API Well No. 47-061-0829
State County Permit

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

- 4) WELL TYPE: A Oil / Gas / B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1230 Watershed: Monongahela River & Unnamed Run
District: Union 624 County: Monongalia Quadrangle: Morgantown North
- 6) WELL OPERATOR Noumenon Corp. CODE: 34710 7) DESIGNATED AGENT Stephen K. Shuman, Pres.
Address P.O. Box 842 Morgantown, WV 26507-0842 Address P.O. Box 842 Morgantown, WV 26507-0842
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Donald Ellis Address 2604 Crabapple Lane Fairmont, WV 26554
- 9) DRILLING CONTRACTOR: Name Putman Drilling Address P.O. Box 465 Marietta, Ohio 45750
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Bayard Sand 423
- 12) Estimated depth of completed well, 2700 feet
- 13) Approximate trata depths: Fresh, 920 feet; salt, _____ feet.
- 14) Approximate coal seam depths: 550, 880 Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	12"		20	X		30'	- - -		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	J-55	24	X		960'	960'	CTS	Per Rule 15.05 Depths set
Production	4 1/2	K-55	10.5	X			2700'	1500'	
Tubing									Masks or AS REQUIRED By Rule 15.05 Perforations:
Liners									
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-061-0829

December 29, 1986
Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
Permit expires December 29, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <u>AS</u>	Casing: <u>AS</u>	Fee: <u>1070</u>	WBG: <u>AS</u>	S&E: <u>AS</u>	Other: _____
-------------------------------------------	--------------------------------------------	-----------------	-------------------	------------------	----------------	----------------	--------------

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NOTE: Keep one copy of this permit posted at the drilling location.

John H. Johnston
Director, Division of Oil and Gas
By Margaret J. Hesse File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.