



NOTE: No known wells within 1200'.

REF: LYNCH No. 5

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1:2500
 PROVEN SOURCE OF ELEVATION USGS 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 W. Shuman
 R.P.E. 7064 L.L.S. _____

PLACE SEAL HERE

Bl. 46 B. 74

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



DATE JULY 9, 1987
 OPERATOR'S WELL NO. LYNCH No. 5
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1320 WATER SHED MONONGAHELA RIVER - LAUREL RUN
 DISTRICT UNION 7 COUNTY MONONGALIA
 QUADRANGLE MORGANTOWN NORTH W.Va - PA. 484 086 NW1
 SURFACE OWNER JOHN D. LYNCH et al. D.B. 93 P. 131 ACREAGE 821 1/2
 OIL & GAS ROYALTY OWNER JOHN D. LYNCH et al. LEASE ACREAGE 425 1/2

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 Bevard 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

JUL 20 1987



IV-35
Rev 8-81)

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State of West Virginia
Department of Mines
Oil and Gas Division

Date December 17, 1987
Operator's Lynch #5
Well No. _____
Farm Lynch
API No. 47 - 061 - 0841

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 XX / Underground Storage ___ / Deep ___ / Shallow ___ /)

LOCATION: Elevation: 1320 GL Watershed Laurel Run
District: Union County Monongalia Quadrangle Morgantown North

COMPANY Noumenon Corporation
ADDRESS P. O. Box 842 Morgantown, WV 26505
DESIGNATED AGENT Stephen K. Shuman, Pres.
ADDRESS 256 High St., Morgantown, WV 26505
SURFACE OWNER John D. Lynch, et al.
ADDRESS 378 Jacobs Dr., Morgantown, WV 26505
MINERAL RIGHTS OWNER John D. Lynch, et al.
ADDRESS 378 Jacobs Dr., Morgantown, WV 26505
OIL AND GAS INSPECTOR FOR THIS WORK Donald Ellis
ADDRESS 2604 Crabapple Lane Fairmont, WV 26554

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
11-3/4" 13-10"	150'	150'	40' to surf. w/ basket @1
9 5/8			
8 5/8	1138'	1138'	to surf. 290 sacks
7			
5 1/2			
4 1/2		2412'	244 sacks
3			
2			
Liners used			

PERMIT ISSUED 7/13/87
DRILLING COMMENCED 8/3/87
DRILLING COMPLETED 8/8/87
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERRAL PERMISSION OBTAINED
ON _____

GEOLOGICAL TARGET FORMATION Bayard Depth 2800 feet
Depth of completed well 2800 feet Rotary yes / Cable Tools _____
Water strata depth: Fresh 1015 feet; Salt _____ feet
Coal seam depths: 110, 728, 910 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Gordon & Berea Pay zone depth 2275-2243 feet
Gas: Initial open flow N/A Mcf/d Oil: Initial open flow none Bbl/d
Final open flow 200 Mcf/d Final open flow none Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 600 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

FEB 22 1988

(REVERSE)

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

-Plugged Back from TD of 2780' with 100' standard bulk cement (30 sacks) and 6% gel.

Perforated Gordon Sandstone with 10 holes @ 2275-2270, 3 holes 2246-2243, Berea Sandstone with 12 holes @ 1983-1975, treated with 15% HCL, 10 perf balls, 16,000 lbs. 20/40 sand, BDP 2,800 p.s.i., ATP 2840 p.s.i., AIR 12 BPM, Second Stage: Big Injun, perforated 4 holes @ 1546-1551, 12 holes @ 1576-1594, did not treat.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Sandstone			Surf	110	
Coal			110	115	
Shale & Sand			115	545	Abandoned Mine
Sandstone			545	575	
Shale			575	596	
Sandstone			596	637	
Shale			637	728	
Coal Upper Freeport			728	732	
Shale & Sand			732	820	
Sandstone			820	855	
Shale & Sand			855	910	
Coal			910	911	
Shale			911	1015	
Sandstone Homewood			1015	1178	
Shale & Sandstone			1178	1355	Fresh Water @ 1015'
Little Lime			1355	1368	
Shale & Sand			1368	1402	
Big Lime			1402	1496	
Big Injun			1496	1608	
Shale			1608	1702	
Squaw Sand			1702	1814	
Shale			1814	1975	
Berea			1975	1986	
Shale			1986	2040	
Sand & Shale			2040	2160	
Shale & Sand			2160	2270	
Gordon Sand			2270	2276	
Shale & Sand			2276	2480	Slight Show of Gas
Sandstone			2480	2509	
Shale			2509	2524	
Sandstone			2524	2569	
Shale			2569	2604	
Sandstone			2604	2652	
Shale			2652	2780TD	

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

(Attach separate sheets as necessary)

Noumenon Corporation
Well Operator

By: [Signature], President

Date: Feb 10th 1988

Note: Regulation 2.02(i) provides as follows:

1062

7/85
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1) Date: June 23, 19 87
 2) Operator's Well No. Lynch # 5
 3) API Well No. 47 061 0841
 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 / X
- 5) LOCATION: Elevation: 1320 Watershed: Laurel Run
 District: Union County: Monongalia 061 Quadrangle: Morgantown North
- 6) WELL OPERATOR Noumenon Corp CODE: 37-10 7) DESIGNATED AGENT Stephen K. Shuman, Pres
 Address P.O. Box 842 Address 256 High Street
Morgantown, WV 26507-0842 Morgantown, WV 26505
- 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, OH 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
- 12) Estimated depth of completed well, 2800 feet
- 13) Approximate trata depths: Fresh, 1090 feet; salt, --- feet.
- 14) Approximate coal seam depths: 690 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		
Conductor	12"		20	X		30'	-----	Kinds
Fresh water								
Coal								Sizes
Intermediate	85/8	J-55	24	X		1130'	1130'	CTS Per Rule 15.05
Production	41/2	K-55	10.5	X			2900'	1500'
Tubing								AS REQUIRED BY Rule 15.05
Liners								OR 290 SKS
								Perforations:
								Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-061-0841 Date July 13 19 87

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 July 13, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

10432

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>218</u> <u>1229</u>	WPCP: <u>MU</u>	S&E: <u>MP</u>	Other: <input type="checkbox"/>
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NOTE: Keep one copy of this permit posted at the drilling location.

 Director, Division of Oil and Gas File

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