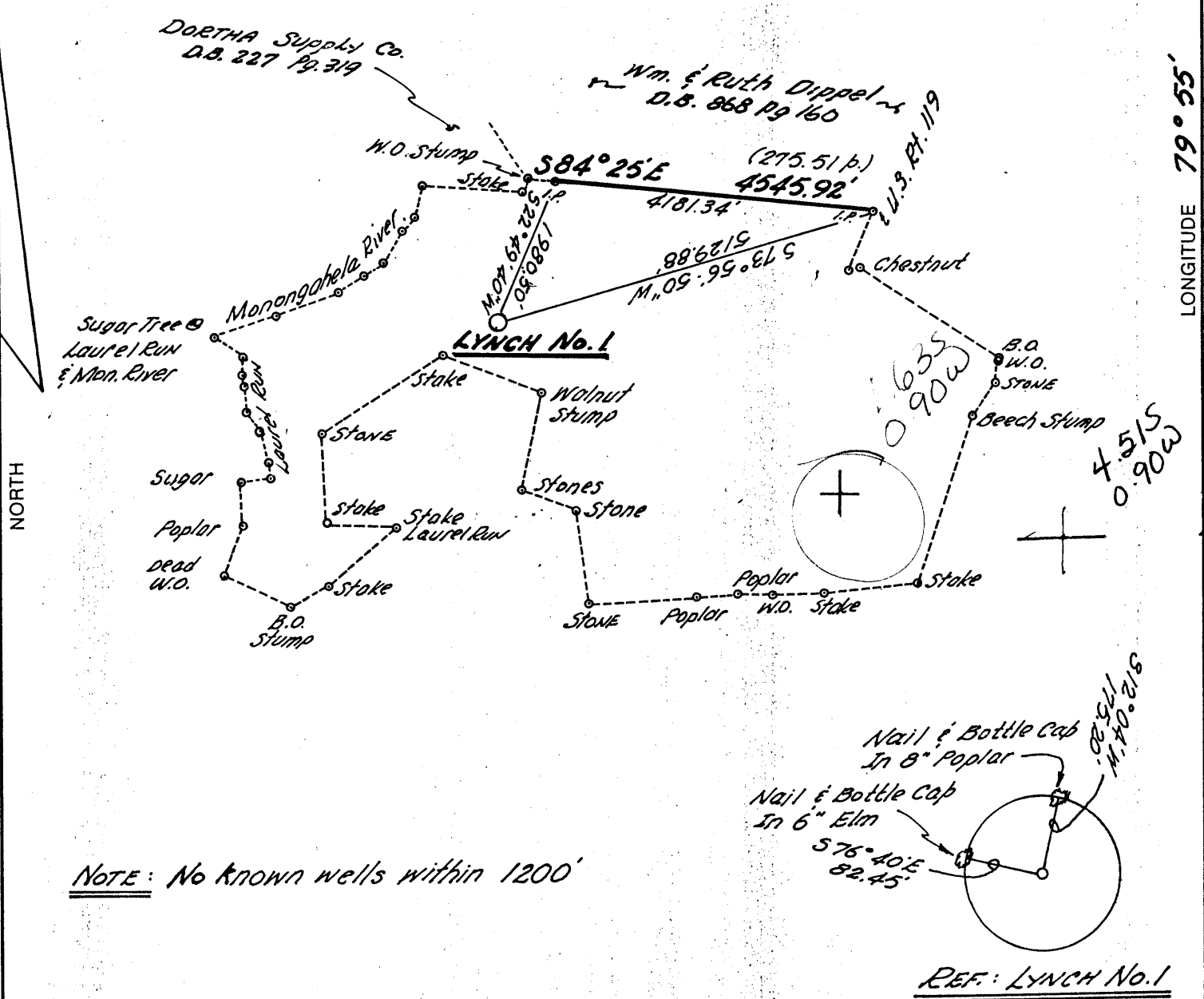


AS 11/12/86

4700' 39' 45" LATITUDE 39° 42' 30"

LONGITUDE 79° 55' 00"

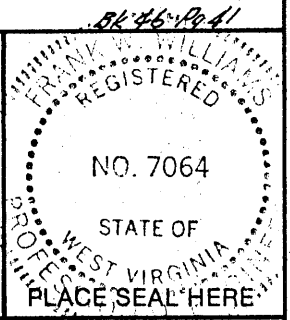


NOTE: No known wells within 1200'

(+) 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 1230' 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 W. Williams
 R.P.E. 7064 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

DATE NOVEMBER 5, 1986
 OPERATOR'S WELL NO. LYNCH No. 1
 API WELL NO. 47-061-0826

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

LOCATION: ELEVATION 1230 WATERSHED MONONGAHELA RIVER
 DISTRICT UNION 7 COUNTY MONONGALIA
 QUADRANGLE MORGANTOWN - NORTH W.VA - PA 484 086 NW1

SURFACE OWNER JOHN D. LYNCH et al. DP-936 Pg. 131 ACREAGE 821 ±
 OIL & GAS ROYALTY OWNER JOHN D. LYNCH, et al. LEASE ACREAGE 425 ±
 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 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

NOV 17 1986

COUNTY NAME _____ PERMIT _____

FORM WW-6 H.T. HALL 48673

6-6 624 Cassville-Bowlby (68)

RECEIVED
 APR 29 1987



State of West Virginia

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

DEPARTMENT OF ENERGY
 Oil and Gas Division

Date April 24, 1987
 Operator's
 Well No. Lynch #1
 Farm Lynch
 API No. 47-061-0826

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 X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 1230 Watershed Laurel Run
 District: UNION County MONONGALIA Quadrangle MORGANTOWN North

COMPANY Naumenon Corporation
 ADDRESS P.O. Box 842, Morgantown, WV 26507
 DESIGNATED AGENT Stephen K. Shuman
 ADDRESS 256 High Street, 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
 PERMIT ISSUED Fairmont, WV 26554 11-12-86
 DRILLING COMMENCED 12-3-86
 DRILLING COMPLETED 12-9-86
 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	30'	0	N/A
9 5/8			
8 5/8	974'	974	CTS
7			
5 1/2			
4 1/2		2567'	1900'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Bayard Sand Depth 2950 feet
 Depth of completed well 2815 feet Rotary X / Cable Tools ___
 Water strata depth: Fresh 935 feet; Salt ___ feet
 Coal seam depths: Surface ± 620' Is coal being mined in the area? No, Previously stripped

OPEN FLOW DATA

Producing formation 5th Sand Pay zone depth 2375-2420 feet
 Gas: Initial open flow 33 Mcf/d Oil: Initial open flow 0 Bbl/d
 Final open flow 550 Mcf/d Final open flow ___ Bbl/d
 Time of open flow between initial and final tests ___ hours
 Static rock pressure 900 psig (surface measurement) after 18 hours shut in
 (If applicable due to multiple completion--)
 Second producing formation Gordon Sandstone Pay zone depth 2147-2154 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

MAY 04 1987

(REVERSE)

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

5th Sand perforated @ 2376 to 2383 with 9 holes & 2407 to 2414 with 7 holes;
frac'd with 42,000 lbs. 20/40 sand; 247 barrels of foamed water;
BDP-2320 psi; ATP-3300 psi; Instantaneous shut in pressure- 2620 psi;
Acid- 500 gallons of 15% HCL; Nitrogen- 18%

Gordon Sandstone perforated @ 2147 to 2154 with 10 holes, did not treat

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fre and salt water, coal, oil and g
Shale			Surface	85	<p style="text-align: center;">RECEIVED APR 29 1987</p> <p style="text-align: center;">DIVISION OF OIL & GAS DEPARTMENT OF ENERGY</p> <p>Fresh Water. 935'</p> <p>Show Gas 2378</p>
Sandstone			85	109	
Shale & Sandstone			109	480	
Sandstone			480	522	
Shale & Sandstone			522	619	
Coal			619	622	
Shale & Sandstone			622	725	
Sandstone			725	750	
Shale & Sandstone			750	883	
Sandstone			883	908	
Shale			908	934	
Sandstone			934	1170	
Shale			1120	1246	
Limestone			1246	1260	
Shale			1260	1293	
Big Lime			1293	1386	
Big Injun			1386	1513	
Shale			1513	1584	
Squaw Sand			1584	1695	
Shale			1695	1858	
Sandstone			1858	1865	
Shale			1865	1926	
Sandstone & Shale			1926	2043	
Shale & Sand			2043	2146	
Gordon Sandstone			2146	2157	
Shale & Sandstone			2157	2233	
Fourth Sand			2233	2242	
Shale & Sand			2242	2358	
Fifth Sand			2358	2445	
Shale			2445	2484	
✓ Bayard Sand			2484	2539	
Shale			2539	2815 TD	

(Attach separate sheets as necessary)

Naumenon Corporation
Well Operator

By: Stank J. [Signature]

Date: 4/23/87 Stephen R. Shuman, Pres.

8191

Note: Regulation 2.02(i) provides as follows:

(Observed)
7/85

RECEIVED
NOV 12 1986



1) Date: October 27, 19 86
 2) Operator's Well No. Lynch #1
 3) API Well No. 47 -061-0826
 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 X
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow X)
 5) LOCATION: Elevation: 1230 Watershed: Laurel Run
 District: Union 624 County: Monongalia Quadrangle: Morgantown North
 6) WELL OPERATOR Noumenon Corp. CODE: 34710 7) DESIGNATED AGENT Stephen Shuman
 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 9) DRILLING CONTRACTOR:
 Name Putman Drilling
 Address 2604 ~~xxxxxxx lane~~ Crabapple Lane Address P. O. Box 465
Fairmont, WV 26554 Marietta, OH
 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Bayard Sand 2123
 12) Estimated depth of completed well, xxxxxx 2950 feet
 13) Approximate trata depths: Fresh, xxxxx 950 feet; salt, _____ feet.
 14) Approximate coal seam depths: xxxxxxxxxxx 595, 920 Is coal being mined in the area? Yes _____ / No X

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"		20lb.	X		30'	---		Kinds
Fresh water	8-5/8"		20lb.			30'		CTS	
Coal									Sizes
Intermediate	8-5/8"	J-55	23	X		1350'	1350'	CTS	1050 to 1050
Production	4 1/2"	K-55	9.5	X		---	2900'	4500'	Depths set
Tubing								290 SKS OR AS REQUIRED	
Liners								By Face 15.0'	Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-061-0826 Date November 12 19 86

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 November 12, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>1009</u> <u>153</u>	WPCP: <u>[Signature]</u>	S&E: <u>[Signature]</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.

John H. Johnston by Gene Smith
 Director, Division of Oil and Gas File _____

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