

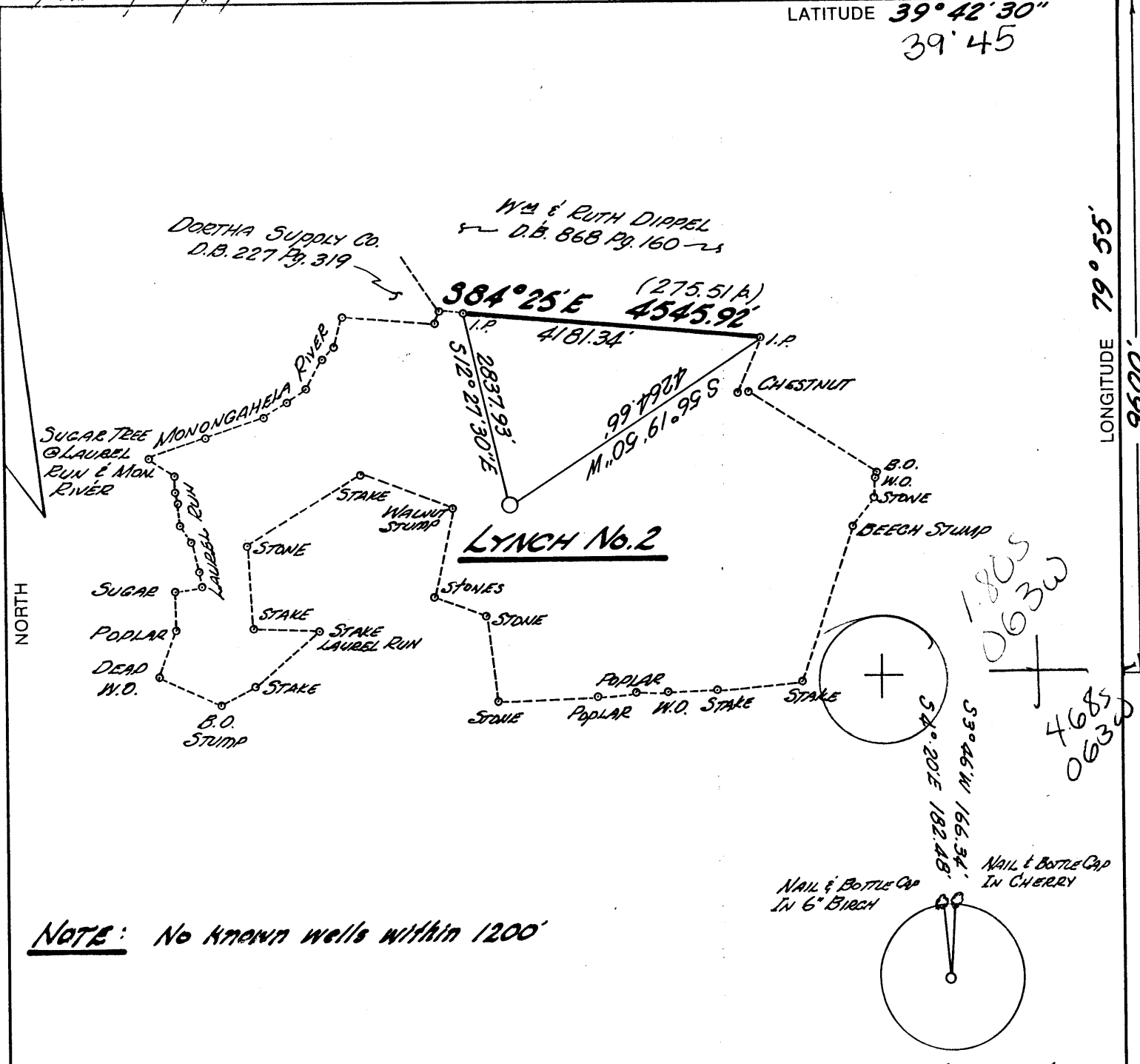
MS 1/22/87

✓

3400'

LATITUDE 39° 42' 30"
39° 45'

LONGITUDE 79° 55'
9600'



NOTE: No known wells within 1200'

REF: LYNCH No. 2

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

BR. 46 Pg. 55

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. 7064 L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE JANUARY 20, 19 87
 OPERATOR'S WELL NO. LYNCH No. 2
 API WELL NO. _____
47 - 061 - 0831
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1220 WATERSHED MONONGAHELA RIVER - LAUREL RUN
 DISTRICT UNION COUNTY MONONGALIA
 QUADRANGLE MORGANTOWN NORTH WVA-PA 484 086 NW
 SURFACE OWNER JOHN D. LYNCH, et al. D.B. 926 Pg. 131- ACREAGE 821 1/2
 OIL & GAS ROYALTY OWNER JOHN D. LYNCH, et al. LEASE ACREAGE 4251
 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) _____
 JAN 26 1987

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Bayard Sand ESTIMATED DEPTH 2950'
 WELL OPERATOR MOUMENON CORPORATION DESIGNATED AGENT STEPHEN K. SHUMAN, PRES.
 ADDRESS P.O. Box 842, Morgantown, W.V. 26507-0842 ADDRESS SAME

FORM WW-6

COUNTY NAME PERMIT

l.-l. Cassville - Bowlby (68)

(REVERSE)

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

-Plugged Back from 2700' with 100' cement and 6% gel to 1915'

Berea Sandstone, perforated @ 1863-1870' with 13 holes not fractured

Big Injun, perforated @ 1449-1457' with 9 holes

1461-1466' with 3 holes

1495-1500' with 3 holes

1504-1506' with 2 holes

treated with foam, water and 42,700 lbs. 20/40 sand BDP 2400 p.s.i., ATP 2400 p.s.i., AIR 5 BPM

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 & Shale			Surface	611	<p style="text-align: center;">RECEIVED FEB 16 1988</p> <p style="text-align: center;">DIVISION OF OIL & GAS DEPARTMENT OF ENERGY</p> <p>Slight show gas @ 1450'</p>
Coal Upper Freeport			611	616	
Shale & Sand			616	710	
Sandstone			710	735	
Shale & Sand			735	851	
Sandstone Homewood			851	1025	
Shale			1025	1042	
Sandstone			1042	1055	
Shale			1055	1098	
Sandstone & Shale			1098	1247	
Little Lime			1247	1260	
Shale			1260	1275	
Sandstone			1275	1294	
Shale			1294	1299	
Big Lime			1299	1393	
Big Injun			1393	1530	
Shale			1530	1590	
Sandstone Squaw			1590	1695	
Shale			1695	1856	
Sandstone			1856	1870	
Shale			1870	1927	
Sandstone & Shale			1927	2045	
Shale & Sandstone			2045	2150	
Sandstone Gordon			2150	2161	
Shale			2161	2238	
Sandstone			2238	2250	
Shale & Sandstone			2250	2367	
Sandstone & Shale			2367	2457	
Shale			2457	2490	
Sandstone			2490	2510	
Shale			2510	2525	
Sandstone Bayard?			2525	2539	
Shale			2539	2700TD	

(Attach separate sheets as necessary)

Naumenon Corporation
Well Operator

By: Stink P/L, President

Date: Feb 16-1988

2460

Note: Regulation 2.02(i) provides as follows:

"The term 'log' on well shall mean..."

RECEIVED
JAN 23 1987



1) Date: January 20, 19 87
2) Operator's Well No. Lynch # 2 831
3) API Well No. 47 061 083
State County Permit

STATE OF WEST VIRGINIA
DIVISION OF OIL AND 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: 1220 Watershed: Laurel Run
District: Union 624 7 County: Monongalia Quadrangle: Morgantown North
- 6) WELL OPERATOR Noumenon Corp. CODE: 34710 7) DESIGNATED AGENT Stephen K. Shuman, Pres
Address P.O. Box 842 Address 256 High Street
Morgantown, WV 26507-0842 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 Putnam 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
- 12) Estimated depth of completed well, 2950 feet
- 13) Approximate trata depths: Fresh, 950 feet; salt, _____ feet.
- 14) Approximate coal seam depths: 595, 920 feet; Is coal being mined in the area? Yes / No
- 15) CASING AND TUBING PROGRAM see 061-00236

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"	J55	24	X		980' 1/07	980' 1/07	CTS	Per Rule 15.05
Production	4 1/2"	K55	10.5	X			2900'	1500'	Depths set
Tubing									AS REQUIRED BY RULE 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-061-083 Date January 23, 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 January 23, 1989 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>107</u>	Casing: <u>AS</u>	Fee: <u>1110</u>	WRCP: <u>187</u>	S&E: <u>MH</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.

John W. Johnston
Director, Division of Oil and Gas
Paul Margaret J. Hass
File

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