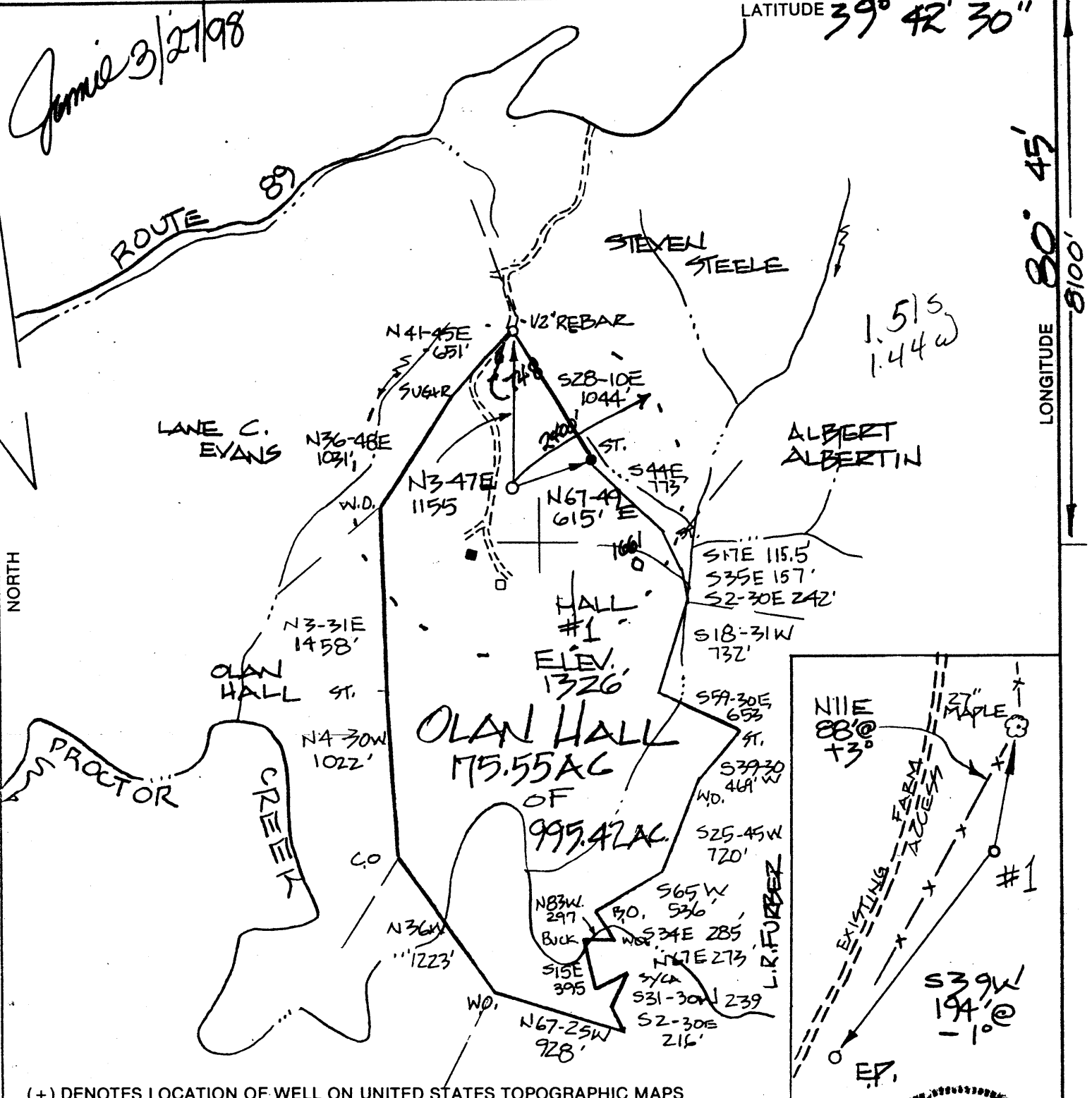


Janice 3/21/98

7670' LATITUDE 39° 42' 30"

LONGITUDE 80° 45' 018

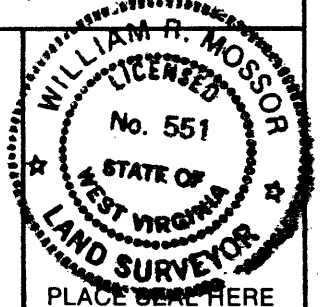
NORTH



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION RT. INT. 1326'

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) *[Signature]*
 R.P.E. _____ L.L.S. 551



WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506



DATE 21 MARCH 19 98
 OPERATOR'S WELL NO. HALL #1
 API WELL NO. 47-103-01761
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1326' WATER SHED PROCTOR CREEK
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE

SURFACE OWNER OLAN HALL ACREAGE 175.55
 OIL & GAS ROYALTY OWNER OLAN HALL LEASE ACREAGE 995.42 AC
 LEASE NO. _____

PROPOSED WORK: DRILL 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 GORDON ESTIMATED DEPTH 3000' 6-6 23
 WELL OPERATOR OHIO LEM CO, INC. DESIGNATED AGENT JEFF SAYGER
 ADDRESS P.O. BOX 80 ADDRESS 16 FOX HILL TERRACE
 RENO, OHIO 45773 PARKERSBURG, WV 26101

COUNTY NAME WEST PERMIT 1761

MAR 24 1998

WR-35

25-Mar-98

API # 47-103-01761

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: HALL, OLAN Operator Well No.: HALL 1

LOCATION: Elevation: 1,312.00 Quadrangle: NEW MARTINSVILLE

District: PROCTOR County: WETZEL
Latitude: 8100 Feet South of 39 Deg. 42Min. 30 Sec.
Longitude 7670 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: OHIO L & M COMPANY, INC.

4150 BELDEN VILAGE AVE STE 410
CANTON, OH 44718-2553

Agent: JEFFREY W. SAYGER

Inspector: RANDAL MICK

Permit Issued: 03/25/98

Well work Commenced: 6-8-98

Well work Completed: 6-15-98

Verbal Plugging

Permission granted on: _____

Rotary X Cable _____ Rig

Total Depth (feet) 2404'

Fresh water depths (ft) 105'

Salt water depths (ft) 1758'

Is coal being mined in area (Y/N)? N

Coal Depths (ft): N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	593.65'	593.65'	328 Sacks Class A 387.04 CUFT
4-1/2"	2129.45'	2129.45'	80 Sacks Class A 94.40 CUFT
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>WEST VIRGINIA Office of Oil & Gas Permitting OCT 05 1998 WV Division of Environmental Protection</p> </div>			

OPEN FLOW DATA

Producing formation Keener Pay zone depth (ft) 2160'
Gas: Initial open flow 870 MCF/d Oil: Initial open flow 0.0 Bbl/d
Final open flow 870 MCF/d Final open flow 0.0 Bbl/d
Time of open flow between initial and final tests 1 Hours
Static rock Pressure 140 psig (surface pressure) after 24 Hours

Second producing formation N/A 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: 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: OHIO L & M COMPANY, INC.

By: Martin L. Miller

Date: August 20, 1998

OCT 19 1998

WET 1761

*Well Is A Dry Gas Producer From The Keener Sand.
 Open Hole Below 4-1/2" Packer Shoe Cemented With
 80 Sacks From 2164' - 2174' G.L.

WELL: Ohio L & M Co., Inc.#1 Olen Hall.
 LOCATION: Proctor District, Wetzel County, West Virginia.
 PERMIT NUMBER: Wetzel-1761.
 ELEVATION: 1326' Ground 1334' KB.
 STATUS: Preparing to complete as a gas and oil producer.
 CASING: 7" @ 1220'.
 TOTAL DEPTH: 2404' Driller 2364' Logger.
 CONTRACTOR: Kilbarger Drilling Co..
 TOOLS: Rotary.
 SPUD DATE: 6/8/98.
 COMPLETED DRILLING: 6/15/98.
 FORMATION AT TOTAL DEPTH: Injun Sandstone.

ELECTRICAL SURVEYS: Gamma Ray-Compensated Density-Sidewall
 Neutron-Caliper-Temperature-Induction by Key Energy Services.

SHOWS: Shows of gas were noted on the temperature log in the 2nd Salt, Keener and Injun Sandstones. At excellent flow of gas was noted by the driller in the Keener, and fair hydrocarbon fluorescence was also noted in this zone. A more detailed description of the above mentioned fluorescence can be found on the attached Formation Evaluation Log.

FORMATION TOPS:	1st Salt Sand	1606'	- 272'
	2nd Salt Sand	1758'	- 424'
	3rd Salt Sand	1850'	- 516'
	Big Lime (Greenbrier)	2076'	- 742'
	Keener Sandstone	2160'	- 826'
	Injun Sandstone	2184'	- 850'

OLEN HALL #1

Page 2

STRUCTURAL COMPARISON:

	Ohio L&M Co., Inc.	Ohio L&M Co., Inc.
	Olen Hall #1	Newman #1
Big Lime	- 721	- 700

GEOLOGY:

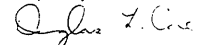
Sample analysis indicated excellent sandstone development in the Keener. Shows of gas were noted on the temperature log in the 2nd Salt, Keener and Injun Sandstones. After drilling was completed a natural flow of 870 MCF per day was measured, most of which came from the Keener. Fair hydrocarbon fluorescence was also noted in the Keener.

The log analysis showed 1 potential zone in this well. The calculations are as follows:

Zone	Net thickness	Average porosity	Water saturation
Keener Ss.	14'	15%	35%

The Keener Sandstone has the best chance for commercial production in this well and should be a very good to excellent producer of gas.

Respectfully submitted,



NATIONAL MINERALS CORPORATION
 By: Douglas L. Core, President

August 3, 1998.