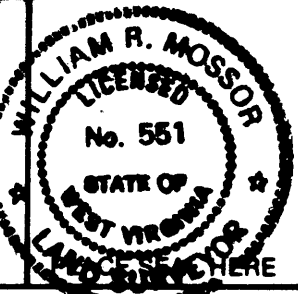


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION RD ELEV. 1073

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOW ALL THE INFORMATION REQUIRED BY LAW. THE REGULATIONS ISSUED BY THE DEPARTMENT OF ENERGY AND MINERAL RESOURCES.
 (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 10 DECEMBER 1997
 OPERATOR'S WELL NO. #1
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1023' WATERSHED MARTIN'S RUN
 DISTRICT LAFAYETTE COUNTY RITCHIE Pleasant
 QUADRANGLE BENS RUN
 SURFACE OWNER W. H. JEWELL ACREAGE 33 1/3
 OIL & GAS ROYALTY OWNER W. H. JEWELL LEASE ACREAGE 33 1/3
 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 SQUAW ESTIMATED DEPTH 2200'
 WELL OPERATOR OHIO LEM CO, INC DESIGNATED AGENT PEGGY COFFMAN
 ADDRESS P.O. BOX 80 ADDRESS RT 2 BOX 40
RENO, OHIO 45773 ST. MARYS, WV 26170

DEC 29 1997

COUNTY NAME PERMIT

H.T. HALL 058018 FORM WW-6

WR-35

29-Dec-97

API # 47- 73-02207

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

Well Operator's Report of Well Work

Farm name: JEWELL, W. H.

Operator Well No.: WM. JEWELL #1

LOCATION: Elevation: 1,023.00 Quadrangle: BENS RUN

District: LAFAYETTE

County: PLEASANTS

Latitude: 9720 Feet South of 39 Deg. 25Min. 0 Sec.

Longitude 11420 Feet West of 81 Deg. 2 Min. 30 Sec.

Company: OHIO L & M COMPANY, INC.

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

Agent: JEFFREY W. SAYGER

Inspector: SAM HERSMAN

Permit Issued: 12/29/97

Well work Commenced: 3-19-98

Well work Completed: 3-24-98

Verbal Plugging

Permission granted on: _____

Rotary Cable _____ Rig

Total Depth (feet) 2175'

Fresh water depths (ft) _____

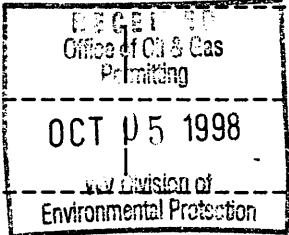
None Incounter

Salt water depths (ft) _____

Dusted To TD

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.
7"	520'	520'	90 Sacks Class A 106.2 CUFT
4-1/2"	2149'	2149'	75 Sacks Class A 88.5 CUFT
			

OPEN FLOW DATA

Producing formation Squaw Pay zone depth (ft) 2054
 Gas: Initial open flow 2-3 MCF/d Oil: Initial open flow .25 Bbl/d
 Final open flow 1-2 MCF/d Final open flow .25 Bbl/d
 Time of open flow between initial and final tests 24 Hours
 Static rock Pressure 560# psig (surface pressure) after 46 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

PLE 2207

*Well Perforated In Squaw Sand With
14 Holes From 2054 - 2060'

Frac'd Well With 928 BBL. Slick Water -
No Sand.

**Well Would Not Frac

WELL: Ohio L & M Co., Inc.#1 Jewell.

LOCATION: Lafayette District, Pleasants County, West Virginia.

PERMIT NUMBER: Pleasants-2207.

ELEVATION: 1023' Ground.

STATUS: Preparing to complete as a gas and oil producer.

CASING: 7" @ 520'.

TOTAL DEPTH: 2175' Driller 2175' Logger.

CONTRACTOR: Roger Wolfe Drilling Co..

TOOLS: Rotary.

SPUD DATE: 3/19/98.

COMPLETED DRILLING: 3/24/98.

FORMATION AT TOTAL DEPTH: Mississippian shale.

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

SHOWS: Shows of gas were noted in the 2nd Salt and Squaw sandstones. The
Squaw samples had fair yellow-white hydrocarbon fluorescence and good
hydrocarbon odor. A more detailed description of the above mentioned
fluorescence can be found on the attached Formation Evaluation Log.

FORMATION TOPS:			
Connellsville sandstone	597'		+ 426
1 st Cow Run sandstone	948'		+ 75
2 nd Cow Run sandstone	1267'		- 244
1st Salt Sand	1390'		- 367
2nd Salt Sand	1556'		- 533
3rd Salt Sand	1700'		- 677
Maxon sandstone	1838'		- 815
Big Lime (Greenbrier)	1848'		- 825
Base Big Lime	1866'		- 843
Injun sandstone	1910'		- 893
Squaw sandstone	2054'		- 1031

JEWELL #1

Page 2

STRUCTURAL COMPARISON:

	Ohio L&M Co., Inc.	Ohio L&M Co., Inc.
	Jewell #1	Winland #1
1 st Salt sandstone	- 367	- 406
Base Big Lime	- 843	- 850

GEOLOGY:

Sample analysis indicated good sandstone development in the Squaw
sandstone and very good development in the bottom of the 2nd Salt sand.
Shows of gas were noted in both zones with the better show in the Squaw. Fair
hydrocarbon fluorescence and good hydrocarbon odor were noted in the Squaw.
No fluorescence was noted in the 2nd Salt.

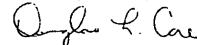
The log analysis showed 1 potential zone in this well. The calculations are
as follows:

Zone	Net thickness	Average porosity	Water saturation
Squaw sandstone	10'	11%	24%

Log analysis of the 2nd Salt sand, mentioned above, revealed high water
saturation and should not be completed.

The Squaw sandstone has the best chance for commercial production in this
well and should be a good producer of gas with minor to moderate amounts of
oil.

Respectfully submitted,



NATIONAL MINERALS CORPORATION
By: Douglas L. Core, President

March 30, 1998.

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

0013 2207
 241 003

- 1) Well Operator: OHIO L&M CO., INC. ⁰² 35428 (3) 241
- Operator's Well Number: WILLIAM JEWELL #1 3) Elevation: 1023'
- Well type: (a) Oil / or Gas / *Issued 12/29/97*
 (b) If Gas: Production / Underground Storage / *Expires 12/29/99*
 Deep / Shallow / *383*
-) Proposed Target Formation(s): Maxon- Squaw
-) Proposed Total Depth: 2200' feet
- 7) Approximate fresh water strata depths: 60'- 200'
- 8) Approximate salt water depths: _____
- 9) Approximate coal seam depths: N/A - None
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill New Well

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		Weight per ft.	For drilling	FOOTAGE INTERVALS		CEMENT
	Size	Grade			Left in well	Fill-up (cu. ft.)	
Conductor	10-3/4			40'	0'		N.A.
Fresh Water	7"	J-55	17#	525'	525'		38 CSR 18-11.3
Coal							<i>CS. BCSAB-11.2.2</i>
Intermediate							
Production	4-1/2	J-55	9.5	2175'	2175'		38 CSR 18-11.1
Tubing							
Liners							

RECEIVED
 W/ Division of Environmental Protection

PACKERS : Kind Hookwall DEC 22 1997
 Sizes 6-1/2 x 4-1/2
 Depths set Above Pay Zone If Natural Producer

For Office of Oil and Gas Use Only

- Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B. Bond _____ Agent
 (Type)

24732

2087

1) Date: 12-4-97
2) Operator's well number
William Jewell #1
3) API Well No: 47 - 073 - 2207
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name W.H. Jewell Name N/A
Address Rt. #39 Box 85 Address _____
St. Marys, WV 26170
- (b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name _____
Address _____
- (c) Name _____ Name _____
Address _____ Address _____
- 6) Inspector Sam Hershman (c) Coal Lessee with Declaration
Address Rt. #1 Box 240 Name _____
Harrisville, WV 26362 Address _____
Telephone (304)- 628-3185

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas **OR**

_____ Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- Personal Service (Affidavit attached)
 Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

INSTRUCTIONS TO SURFACE OWNERS NAMED ABOVE

(Continued on Reverse)

The well operator named below is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months.

Well Operator Ohio L&M Co., Inc.
By: John W. Miller
Its: John W. Miller, President
Address 4150 Belden Village Avenue NW Suite 410
Canton, Ohio 44718-2553
Telephone 330-493-0440

Subscribed and sworn before me this 4th day of December, 19 97

Dora L. Silvis Dora L. Silvis Notary Public
My commission expires October 17, 2000