

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

Well Operator's Report of Well Work

Farm name: CARPENTER, JACK Operator Well No.: J.CARPENTER #1

LOCATION: Elevation: 928.00 Quadrangle: SCHULTZ

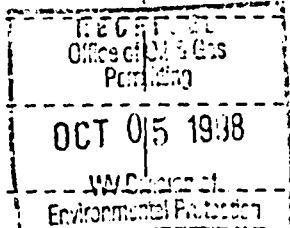
District: JEFFERSON County: PLEASANTS
Latitude: 900 Feet South of 39 Deg. 20Min. 0 Sec.
Longitude 6780 Feet West of 81 Deg. 12 Min. 30 Sec.

Company: OHIO L & M COMPANY, INC.
4150 BELDEN VILLAGE
CANTON, OH 44718-0000

Agent: PEGGY COFFMAN

Inspector: SAM HERSMAN
Permit Issued: 07/21/97
Well work Commenced: 4-7-98
Well work Completed: 4-14-98
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 1850'
Fresh water depths (ft) 15'
Salt water depths (ft) 1028'

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"	325'	325'	65 Sacks Class A 76.7 CUFT.
4-1/2"	1547'	1547'	Set On Packer
			

OPEN FLOW DATA

Producing formation 2nd. Cow Run Sandstone Pay zone depth (ft) 1028'
 Gas: Initial open flow Show MCF/d Oil: Initial open flow .5 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 60 psig (surface pressure) after 24 Hours
 *Formation Is Wet - 2-5 BWPD

Second producing formation Maxon Sandstone Pay zone depth (ft) _____
 Gas: Initial open flow Show 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 10 psig (surface pressure) after _____ Hours
 *Depleted

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.

Martin L. Miller
For: OHIO L & M COMPANY, INC.

By: _____
Date: August 20, 1998

PLE 2196

Gel-Hole 60' to 0'
 426' to 326'
 1072' to 872'
 1500' to 1300'
 1825' to 1725'

Plugged & Abandon On August 6, 1998
 As Per Sam Hershman Instructions.

WELL Ohio L & M Co., Inc #1 Jack Carpenter
 LOCATION Jefferson District, Pleasants County, West Virginia
 PERMIT NUMBER Pleasants-2196
 ELEVATION 926' Ground 932'KH
 STATUS Preparing to complete as an oil and gas producer
 CASING 7" to 325'
 TOTAL DEPTH 1897' Driller 1490' Logger
 CONTRACTOR Roger Wolfe Drilling Co.
 TOOLS Rotary
 SPUD DATE 4/7/98
 COMPLETED DRILLING 6/14/98
 FORMATION AT TOTAL DEPTH Missisippian shale
 ELECTRICAL SURVEYS Gamma Ray-Compensated Density Siderite Porosity
 Caliper-Temperature-Induction by Key Energy Services
 SHOWS An excellent show of oil, excellent hydrocarbon fluorescence and excellent oil
 odor were noted in the 2nd Cow Run sandstone at 1070 to 1072'. Good hydrocarbon
 fluorescence was noted in the Mason sandstone at 1570 to 1580', but could be due to
 contamination from the above mentioned oil show. A more detailed description of the
 above mentioned fluorescence can be found on the attached Formation Evaluation Log.
 FORMATION TOPS

2 nd Cow Run sandstone	1028'	- 46'
1st Sub Sand	1185'	- 254'
2nd Sub Sand	1256'	- 324'
3rd Sub Sand	1440'	- 548'
Mason sandstone	1568'	- 676'
B&E zone (Greenover)	1582'	- 690'
Keweenaw sandstone	1593'	- 701'
logan sandstone	1624'	- 732'
Squam sandstone	absent	

JACK CARPENTER #1

Page 2

STRUCTURAL COMPARISON

	Ohio L&M Co., Inc Jack Carpenter #1	Ohio L&M Co., Inc Vander #1
2 nd Cow Run sandstone	- 96'	- 99'
Dig Lane	- 650'	- 655'

GEOLOGY

Sample analysis indicated excellent sandstone development in the 2nd Cow Run. An
 excellent show of oil was noted in this zone, along with excellent hydrocarbon
 fluorescence and odor. Good hydrocarbon fluorescence was noted in the Mason, but oil
 contamination of the samples from the 2nd Cow Run could not be ruled out.

The log analysis showed 2 potential zones in this well. The calculations are as follows:
 Zone Net thickness Average porosity Water saturation
 2nd Cow Run sandstone 42' 13% 25%
 Mason sandstone 14' 13% 30%

The 2nd Cow Run sandstone has the best chance for commercial production in this well
 and should be a very good to excellent producer of oil with minor amounts of gas. The
 Mason sandstone should be tested before completion of the 2nd Cow Run.

Respectfully submitted,

Douglas L. Cove

NATIONAL MINERALS CORPORATION
 By Douglas L. Cove, President

May 15, 1998

DRILLED 4-6-98

INSPECTOR'S PERMIT SUMMARY FORM

RECEIVED
Office of Oil and Gas
MAR 02 1999

DATE STARTED/LOCATION: 4-6-98
DRILLING COMMENCED: 4-7-98
TD DATE: _____ DEPTH: _____

API# 47- 73-02196
OPERATOR: OHIO L & M COMPANY, INC.
FARM: CARPENTER, JACK
WELL NO.: J. CARPENTER #1
COAL DEPTHS _____

WV Division of
Environmental Protection

WATER DEPTHS

1. IS THE OPERATOR KEEPING DETAILED DRILLING AND CEMENT RECORDS: 6
YES [] NO [] (6 POINTS)
RAN 325 FEET OF 2" PIPE ON 4-8-98 CEMENTED WITH C.T.S SACKS (CIRCULATED) Y
RAN 1552 FEET OF 4 1/2" PIPE ON _____ CEMENTED WITH 0 SACKS (CIRCULATED) Y
RAN _____ FEET OF _____" PIPE ON _____ CEMENTED WITH _____ SACKS (CIRCULATED) Y
RAN _____ FEET OF _____" PIPE ON _____ CEMENTED WITH _____ SACKS (CIRCULATED) Y
PIT DISCHARGE DATE: _____ TYPE: _____ WEATHER CONDITIONS: _____ LAND

ACRES DISCHARGED: _____ PIT VOLUME: _____ PIT ADDITIVES: _____

FIELD ANALYSIS: pH _____ Fe _____ mg/l cl _____ mg/l D.O. _____ mg/L toc _____ mg/L

QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-28, 22-6-30, 22-6-6, 22-6-7, AND 22-6-27 AND REGULATION 38CSR 18-9.2.3, 38CSR 18-12.1, 38CSR 18-16.5, 38CSR 18-15.6.

TOTAL POINTS AVAILABLE FOR QUESTION 2: _____ 2. 6 POINTS

2. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING:
A. CONSTRUCTION YES [] NO [X] (2 PTS) B. DRILLING YES [X] NO [] (2 PTS)
C. PIT TREATMENTS YES [] NO [X] (2 PTS) D. PIT DISCHARGE YES [] NO [X] (2PT)
E. RECLAMATION YES [X] NO [] (2 PTS)

3. DID THE OPERATOR HAVE PERMIT ON SITE? YES [X] NO [] 3. 4 POINTS

4. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED? YES [] NO [X] 4. (4 POINTS) 0

5. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES [X] NO [] 5. 4 PTS

TOTAL POINTS AVAILABLE FOR QUESTION 6: _____ 6. 21 POINT

6. WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAIN
A. ROAD DITCHES YES [X] NO [] (3PTS) B. CROSS DRAINS YES [X] NO []
C. CULVERTS YES [X] NO [] (3PTS) D. CREEK CROSSINGS YES [X] NO []
E. DIVERSION DITCHES YES [X] NO [] (3PTS) F. BARRIERS YES [X] NO []
G. TEMPORARY SEEDING YES [X] NO [] (3PTS)

7. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [X] NO [] 7. (2 PTS) 2

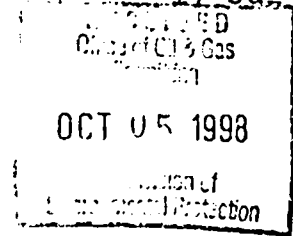
8. IS THE WELL STAKE IN THE PROPER SPOT IN ACCORDANCE WITH 38CSR-9.2.3 AFTER CONSTRUCTION? YES [] NO [] 8. (3 PTS) 3

9. IS THE PIT PROPERLY INSTALLED? YES [X] NO []
A. WALLS COMPACTED YES [X] NO [], CUT YES [] NO []
B. FREE OF DEBRIS BEFORE LINING YES [X] NO []
C. LINED YES [] NO [X]
D. FLUIDS CONTAINED YES [X] NO []
E. FREE OF NON EXEMPT/RESTRICTED MATERIALS YES [X] NO []
F. PROPERLY TREATED YES [X] NO []
9. (6 PTS) 6

10. DID INSPECTOR APPROVE ALL MODIFICATIONS YES [] NO []
TOTAL POINTS PAGE 1 (60 P

17-Jul-97

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Discharge Monitoring Report
Oil and Gas General Permit



Company Name: OHIO L & M COMPANY, INC.
API 47- 73-02196 County: PLEASANTS District: JEFFERSON
Farm Name: CARPENTER, JACK Well No: J.CARPENTER #1

Discharge Dates/s From: (MMDDYY) _____ TO: (MMDDYY) _____
Discharge Times : From _____ TO _____

Disposal Option Utilized: UIC (2) : Permit No. Carper Well Service UIC 161
Centralized Facility (5) : _____ Permit No. _____
Reuse (4) : _____ Alternate Permit Number: _____
Offsite Disposal(3) : Site Location: Lackey #5 Athens Co., OH #2933
Land Application(1) : _____ (Include a topographical map of the Area.)
Other method(6) : _____ (Include an explanation)

Follow Instructions below to determine your treatment category.

Optional Pretreatment test: _____ Cl- mg/l _____ DO Mg/l

1. Do you have permission to use expedited treatment from the Director or his representative? (Y/N) _____ If yes who? _____, and place a four (4) on line 7. If not go to line 2

2. Was Frac Fluid or flowback put into the pit? (Y/N) _____ If yes go to line 5 if not go to line 3

3. Do you have a chloride value pretreatment (see above)? (Y/N) _____ If yes go to line 4 if not go to line 5

4. Is that chloride level less than 5000 mg/l? (Y/N) _____ If yes then enter a one (1) on line 7

5. Do you have a pretreatment value for DO? (See above) (Y/N) _____ If yes then go to line 6 if not enter a three (3) in line 7.

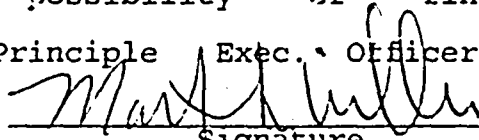
6. Is that DO greater than 2.5 mg/l? (Y/N) _____ If yes then enter a two (2) on line 7 If not enter a three (3) on line 7.

7. _____ is the category of your pit. Use the Appropriate section.

Name of Principle Exec. Officer Martin L. Miller
Title of Officer Vice President Of Operations
Date Completed: August 20, 1998

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature of a Principle Exec. Officer or Authorized agent



Signature

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

WELL WORK PERMIT

This permit, issued to OHIO L & M COMPANY, INC. is evidence of permission granted to perform the specified well work at the location described on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the ___ pages attached hereto. Notification shall be given to the Oil and Gas Inspector SAM HERSMAN at 304-543-0929 prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and in addition may result in civil and/or criminal penalties.

Well work to be conducted under this permit shall be commenced within two (2) years from date of issue.

Theodore M. Streit
Chief

By: 

Title: 

Operator's Well No: J. CARPENTER #1

Farm Name: CARPENTER, JACK

API Well Number : 47- 73-02196

Date Issued : 07/21/97

Expires two (2) years from issue date.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

X

- 1) Well Operator: Ohio L&M Co., Inc. 35425 600
2) Operator's Well Number: Jack Carpenter 3) Elevation: 928'
Well type: (a) Oil / or Gas X /
(b) If Gas: Production X / Underground Storage /
Deep / Shallow /
6) Proposed Target Formation(s): Aquaw - Big Injun
7) Proposed Total Depth: 2100' feet
7) Approximate fresh water strata depths: 60 - 250'
8) Approximate salt water depths:
9) Approximate coal seam depths:
10) Does land contain coal seams tributary to active mine? Yes / No X /
11) Proposed Well Work: Drill New Well
12)

24007

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JUL 17 1997
Permitting
Div. of Oil & Gas

CASING AND TUBING PROGRAM

Table with 7 columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), and CEMENT (Fill-up). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and Liners.

PACKERS : Kind Hookwall
Sizes 6-1/2" x 4-1/2"
Depths set Approx. 1850' In The Big Lime If Well Is Natural Producer

19632/23

For Division of Oil and Gas Use Only

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

Page 1 of 1
Form W2-A
09/87)
Surface Owner Copy

RECEIVED
1) WY Division of Environmental Protection
2) JUL 17 1997
3) Permits Office of STATE OF WEST VIRGINIA

Date: July 1, 1997
Operator's well number Jack Carpenter #1
API Well No: 47 - 073 - 2196
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name Jack Carpenter
Address Washington Street
St. Marys, WV 26170
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Sam Hershman
Address Rt. #1 Box 240
Harrisville, WV 26362
Telephone (304)-628-3185

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B 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 22B 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: President
Address 4150 Belden Village Avenue N.W.
Suite 410 Canton, OH 44718-2553
Telephone (330) 493-0440

Subscribed and sworn before me this 1st day of July, 1997

BOBBIE L LAUER, Notary Public
In and For the State of Ohio

Bobbie L Lauer Notary Public

My commission expires February 21, 2001



Instructions to Surface Owners (cont.)

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Division of Oil and Gas

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Director, Division of Oil and Gas OR District Oil and Gas Inspector
West Virginia Department of Energy (Name and address listed on obverse
322 70th Street, SE side of this notice)
Charleston, West Virginia 25304
(304)-348-3741

Time limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Director's office by the time stated above. You may call the Director's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address, and telephone number (if you have a telephone), the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Director has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons;
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit...or a substantial violation of one or more of the rules promulgated under Chapter 22B, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Director.

List of Water testing Laboratories. The Division maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Director to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and the that I have received copies of a Notice and Application for a Well Work Permit on Form WW-2A, and attachments consisting of pages 1 through ___ including a work order on Form WW-2B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by natural person)

(For execution by corporation, etc.)

X J. A. P. P. P.
(Signature) Date 7/1/97
Jacqueline F. Carpenter
(Signature) Date 7/1/97

Name _____
By _____
Its _____ Date _____

Form WW-2A(1)
(6/94)

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WV Division of
Environmental Protection
JUL 17 1997
Permitting
Office of Oil & Gas

073-2196

Operator's Well No. JACK CARPENTER #1
14019

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that--

(1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;

(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
JACK & JAKIE CARPENTER	Ohio L & M Co., Inc.	12.5%	238/464

Well Operator: Ohio L & M Co., Inc.
By: Martin L. Miller
Its: Martin L. Miller, V.P. Operations

JACK CARPENTER

West Virginia Division of Environmental Protection
Office of Oil and Gas

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WV Division of
Environmental Protection

JUL 17 1997

Permitting
Office of Oil & Gas

NOTICE TO SURFACE OWNERS

073-2146

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

Contractor Name STUM ENVIRONMENTAL
 Well operator's private laboratory

Well Operator OHIO L+M Co. INC.
Address 4150 BRIDAV VILLAGE AVE. N.W.
CANTON, OH 44718-2553
Telephone (330) 493-0440

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underlining which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

Form WW-9
Obverse
Rev 2/88

Division of Environmental Protection
JUL 17 1997

Page of
API Number 47 - 073 - 2196
Operator's Well # CARPENTER # 1

Permitting
Office of Oil & Gas

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
CONSTRUCTION AND RECLAMATION PLAN and SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS DRILLING PIT WASTE DISCHARGE

Operator Name OHIO LEM CO, INC OP Code
Watershed BUCKEYE RUN Quadrangle SCHULTZ
Elevation 928 County PLEASANTS District JEFFERSON

Proposed Disposal Method for Treated Drilling Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number)
- Reuse (at API Number)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain:)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION CONTROL PERMIT issued on January 15, 1988, by the Division of Oil and Gas of the West Virginia Department of Energy. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Company Official Signature *Martin L. Miller*

Company Official (Typed name) Martin L. Miller



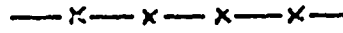

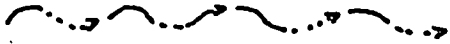
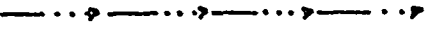









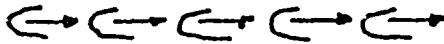


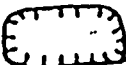


Company Official Title Vice President

Subscribed and sworn to before me this 17th day of July, 1997

James S. Steward
Notary Public

My commission expires August 31, 1998

LEGEND

- Property Boundary 
- Road 
- Existing Fence 
- Planned Fence 
- Stream 
- Open Ditch 
- Rock 
- North  N
- Buildings 
- Water wells 
- Drill site 
- Diversion 
- Spring 
- Wet Spot 
- Drain pipe with size in inches  12
- Waterway 
- Cross Drain 
- Artificial Filter Strip 
- Pit: cut walls 
- Pit: Compacted fill walls 
- Area for Land Application of Pit Waste 

Proposed Revegetation Treatment:

Lime 2 Tons/acre or to correct to pH 6.5
 Fertilizer (10-20-20 or equivalent) 1/4 Tons/acre.
 Mulch HAY OR STRAW 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed type	lbs/acre	Seed type	lbs/acre
ORCHARD GRASS	12	ORCHARD GRASS	12
CLOVER	3	CLOVER	3
TIMOTHY	6	TIMOTHY	6

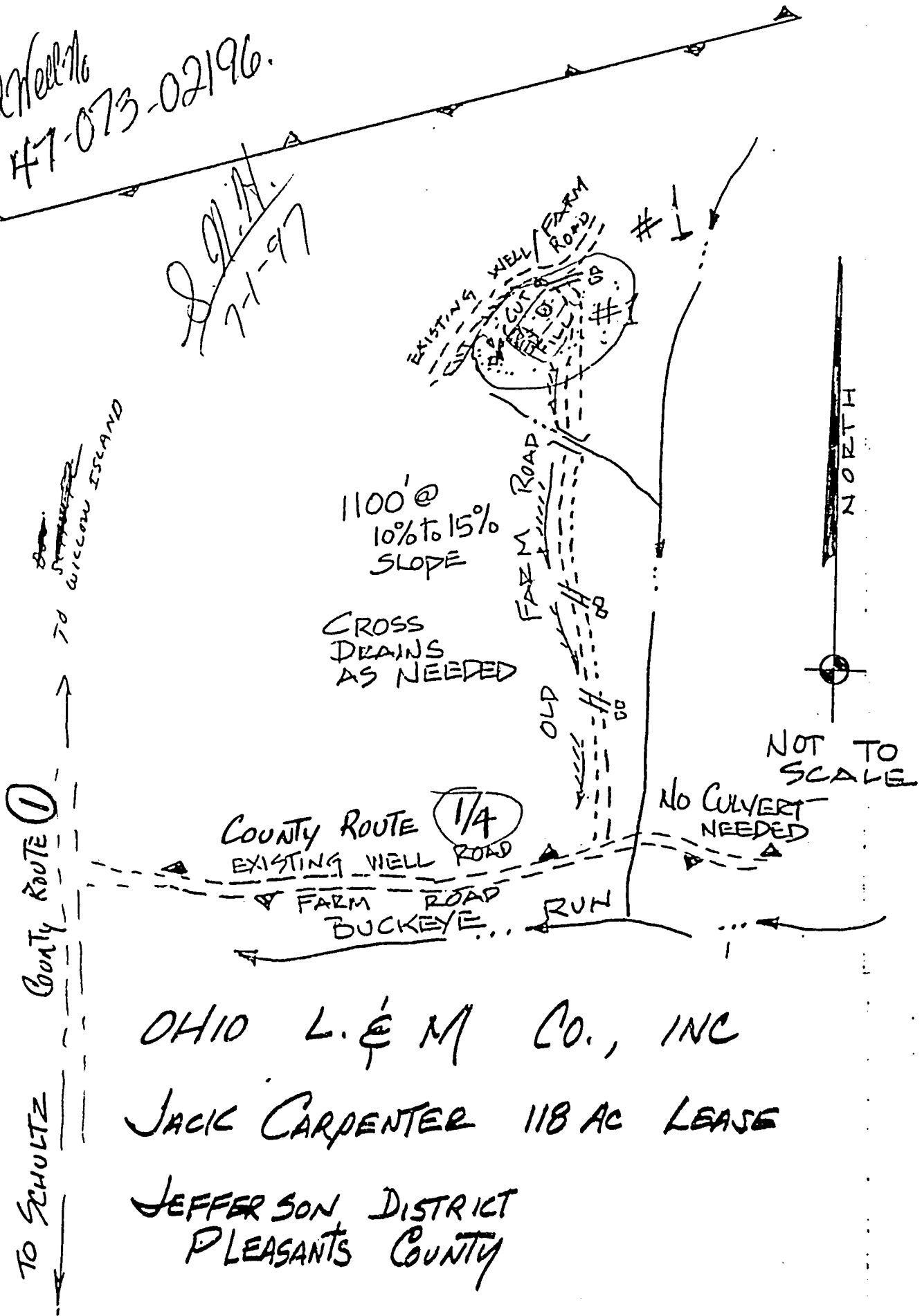
Attach:

Drawing(s) of road, location, and proposed area for land application.
 Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Samuel Hersman
 Title: Dist. Inspector Date: 7-1-97
 Field Reviewed? () Yes (X) No

APR 1996
47-073-02196.

S.A.H.
7-1-97



OHIO L. & M. CO., INC
 JACK CARPENTER 118 AC LEASE
 JEFFERSON DISTRICT
 PLEASANTS COUNTY

OIL AND GAS RECLAMATION NOTICE

TO:

Name Jack Carpenter

Address Washington Street

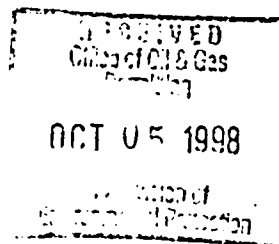
St. Marvs, WV 26170

Name _____

Address _____

Name _____

Address _____



Pursuant to West Virginia Code 22-7-5, notice is hereby given that the undersigned Well Operator is commencing the reclamation required by West Virginia Code 22-6-30 of the surface disturbance caused by well work described as follows:

API Number: 47- 73-02196
Operator's Well Number: J.CARPENTER #1
District: JEFFERSON County: PLEASANTS
Generallyly used farm name: CARPENTER, JACK.

Any claim for oil and gas production damage compensation pursuant to Article 7, Chapter 22 of the Code must be made within two years of the receipt of this notice.

WELL OPERATOR: OHIO L & M COMPANY, INC.

By: Martin L. Miller

Title of Signatory Vice President Of Operations

Address P.O. Box 80

Reno, OH 45773

Telephone (740) 373-8771

CAUTION

DUE TO THE CONDITION

OF THE ORIGINAL DOCUMENT(S),

THE FOLLOWING IMAGE(S)

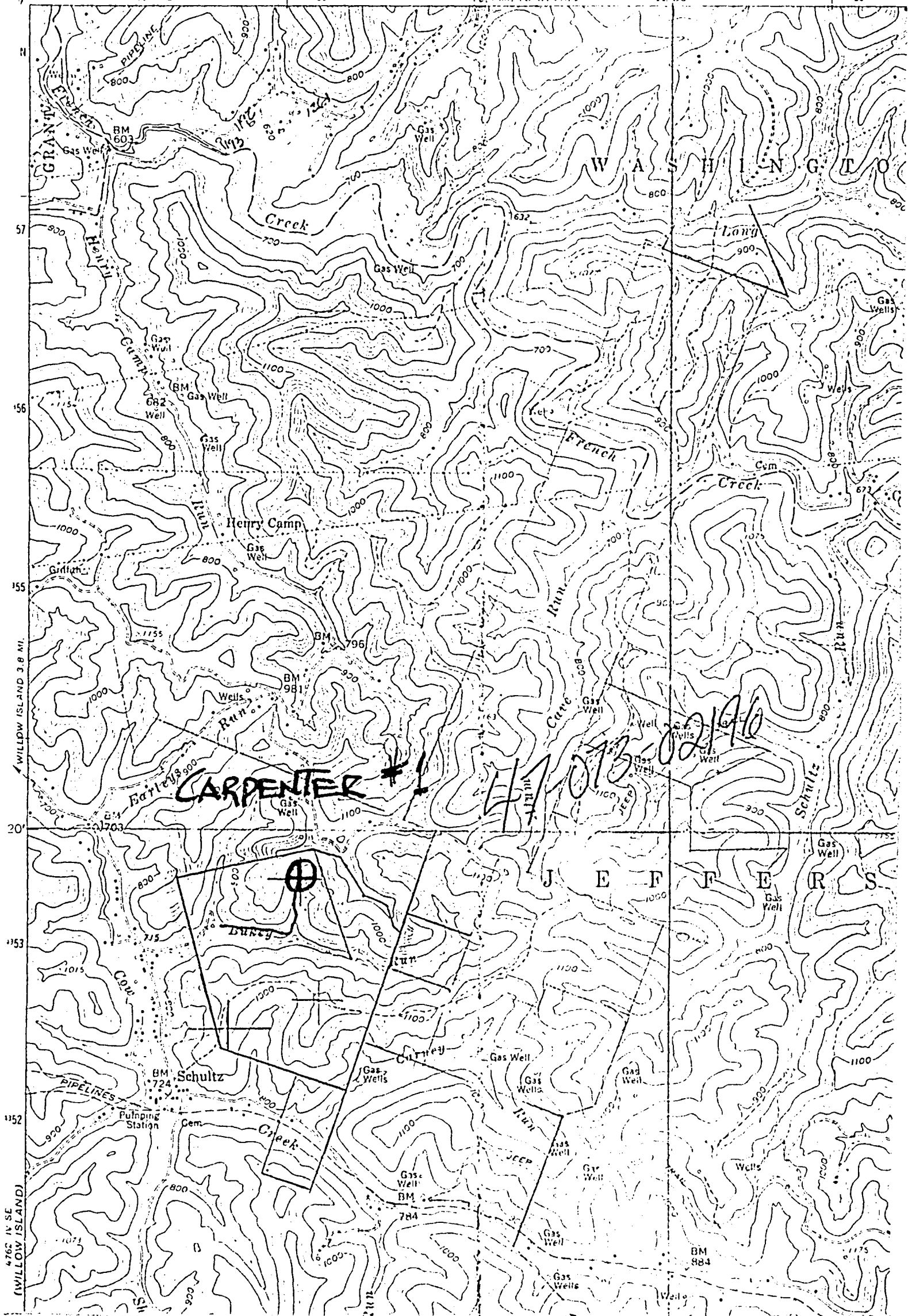
MAY BE OF POOR QUALITY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HAMILTON
NATURAL GAS
CONTRACT #1

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4760 IV SE
(WILLOW ISLAND)

WILLOW ISLAND 3.8 MI