



LATITUDE $39^{\circ} 40' 00''$

LONGITUDE $80^{\circ} 35' 00''$

Janice
6/1/95

BRET ROWLAND

N77 3/4 W 425.7' HY. N81 W 445.5'

56E 339.9' GUM

STONE N8 1/2 W 346.5' CHESTNUT

THOMAS MCLAIN S6W 405.9' CHESTNUT

GREEN DOT FARMS, INC
42 3/4 AC LEASE

N14 1/2 W ? Post N41 3/4 W 528'

L4DS 0.78W

NORTH

S57E 206.75'

S22W 305.75'

S35W 155.1'

N48-44W 452'

GREEN DOT FARMS #1
ELEV. 1158'

S78-41W 552'

S57E 689.7'

SOUTH EAST 198? N65E 66' STONE N10W 100' STONE

HUGGINS

EDWIN TIMBERLAKE

NORTHEAST 808.5' DIRK ROOSA

S62 3/4 E 275.55' DIRK ROOSA

JOHNNIE GREATHOUSE

FNC ROAD INTERSECTION

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION ROAD ELEV 1144' 2900' EAST OF LOCATION

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) _____
R.P.E. _____ L.L.S. 551

PLACE SEAL HERE

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



DATE 8 DECEMBER, 19 94
OPERATOR'S WELL NO. # 1
API WELL NO. 47 103 01683

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 1158' WATERSHED WHITE RUN
DISTRICT CENTER COUNTY WEIZEL
QUADRANGLE LITTLETON, C
SURFACE OWNER BRET & TRINIA LYNN ROWLAND ACREAGE 42 3/4
OIL & GAS ROYALTY OWNER GREEN DOT FARMS, INC LEASE ACREAGE 42 3/4

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 BENSON ESTIMATED DEPTH 5300' 5120' 4000'
WELL OPERATOR OHIO LEM CO. INC DESIGNATED AGENT JACK LUTZ
ADDRESS 4150 BELDEN VILLAGE AVE NW ADDRESS P.O. BOX 3233
CANTON, OHIO 44718 626 SUITE 410 CHARLESTON WY 29332

COUNTY NAME
PERMIT

FORM WW-6

AUG 18 1995

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

Permitting
 Office of Oil & Gas

Well Operator's Report of Well Work

Farm Name: ROWLAND, BRETT & TRINIA Operator Well No.: GREEN DOT #1

LOCATION: Elevation: 1,158.00 Quadrangle: LITTLETON

District: CENTER County: WETZEL
 Latitude: 7200 Feet South of 39 Deg. 40Min. 0 Sec.
 Longitude 4120 Feet West of 80 Deg. 35 Min. 0 Sec.

Company: OHIO L & M COMPANY, INC.
 4150 BELDEN VILLAGE AV. STE410
 CANTON, OH 44718-0000

Agent: PEGGY COFFMAN

Inspector: RANDAL MICK
 Permit Issued: 06/07/95
 Well work Commenced: 06/11/95
 Well work Completed: 08/10/95
 Verbal Plugging
 Permission granted on: _____
 Rotary X Cable _____ Rig
 Total Depth (feet) 3307'
 Fresh water depths (ft) 0 - 40'

Salt water depths (ft) 1776'

Is coal being mined in area (Y/N): N
 Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	1141.70'	1141.70'	283.2'
4 1/2"	3247.20'	3247.20'	277.2'
1 1/2"	3135	3135	N/A

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) _____
 Gas: Initial open flow 3.0 MCF/d Oil: Initial open flow 0.0 Bbl/d
 Final open flow 3.0 MCF/d Final open flow 0.0 Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 470 psig (surface pressure) after 48 Hours

Second producing formation Gantz/Thirty foot Pay zone depth (ft) _____
 Gas: Initial open flow 0.0 MCF/d Oil: Initial open flow 0.0 Bbl/d
 Final open flow 0.0 MCF/d Final open flow 0.0 Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 25 psig (surface pressure) after 48 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, Vice President of
 Date: 8/14/95 Operations

1. Perforated Intervals:

Gordon - 3066'-3106' 25 shots
 Widemouth Frac Plug - 3054' K.B.
 Gantz/Thirty Foot - 2818-2860' 24 shots

Gordon fraced with 17,133 gallons N₂ Foam with 30,500 lbs. sand
 Gantz/Thirty Foot acidized with 500 gallons - zone appears non-productive - not fractured.

		<u>Tops</u>
2. Well Log:	Pittsburg Coal - - - - -	1002'
	Dunkard Sandstone- - - - -	1473'
	Gas Sand - - - - -	1640'
	1st Salt Sand- - - - -	1742'
	2nd Salt Sand- - - - -	1854'
	3rd Salt Sand- - - - -	1961'
	Little Lime- - - - -	2154'
	Big Lime - - - - -	2194'
	Injun Sandstone- - - - -	2274'
	Berea Sandstone- - - - -	2612'
	Gantz Sandstone- - - - -	2816'
	30' Sandstone- - - - -	2976'
	Gordon Stray Sandstone - - - - -	3050'
	Gordon Sandstone - - - - -	3077'

RECEIVED

103-1683

WV Division of Environmental Protection
FORM WW-2B

Page ___ of ___

MAY 15 1995

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

Permitting
Office of Oil & Gas

1) Well Operator: ⁶²⁶Ohio L & M Co., Inc. 35425 (1) 438

2) Operator's Well Number: Green Dot Farms #1 3) Elevation: 1158'

Well type: (a) Oil X/ or Gas X/
(b) If Gas: Production X/ Underground Storage /
Deep / Shallow /
*Issued 08/02/95
Expires 08/02/97*

Proposed Target Formation(s): ⁴³⁵Benson - Gordon/Gordon Stray *4th & 5th Sand.*

Proposed Total Depth: 5420' feet

Approximate fresh water strata depths: 300'

8) Approximate salt water depths: 1620-2480'

9) Approximate coal seam depths: 900-1000'

10) Does land contain coal seams tributary to active mine? Yes No X

11) Proposed Well Work: Drill New Well - Stimulate *Paul Bell*

12) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	13 3/8			40'		<i>38CSR 11.3</i> N/A
Fresh Water	9 5/8"		36.0		350'	CIS
Coal						
Intermediate	7"	J-SS	23.0		2500'	<i>Cover Salt sands.</i> By Rule 36 <i>38</i> CSK 18-11.2 <i>2.2</i>
Production	4 1/2"	J-SS	10.5		5400'	By Rule 36 <i>38</i> CSR 18-11.1
Tubing	2"	J-SS	4.75		5350	N/A
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

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

#16-0130-H7120-95-4

1) Date: May 19, 1995
2) Operator's well number
Green Dot Farms #1
3) API Well No: 47 - 103 - 1683
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 Brett & Trinia Rowland
Address 4304 Crestgate Avenue
Midland, Texas 79707
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Randall Mick
Address _____
Telephone (304)- _____

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
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: John W. Miller, President
Address 4150 Belden Village Avenue NW Ste 410
Canton, Ohio 44718-2553
Telephone 216 493-0440

Subscribed and sworn before me this 19th day of May, 1995

Donna R. Allen Notary Public
My commission expires Oct 17 1995