

SEP 1 1994

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

24-Jun-94
 API # 47- 17-04137

Permitting
 Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: LYNCH, WILLIAM RANDALL Operator Well No.: LYNCH #1

LOCATION: Elevation: 865.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
 Latitude: 3480 Feet South of 39 Deg. 20Min. 0 Sec.
 Longitude 3850 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: MURVIN OIL COMPANY

1712 S. WHITTLE AVE/P.O. BX297
 OLNEY, IL 62450-0297

Agent: P. NATHAN BOWLES, JR.

Inspector: MIKE UNDERWOOD
 Permit Issued: 06/24/94
 Well work Commenced: 08/11/94
 Well work Completed: 08/30/94
 Verbal Plugging
 Permission granted on: _____
 Rotary Cable Rig
 Total Depth (feet) 5242
 Fresh water depths (ft) 48,390

Salt water depths (ft) --

Is coal being mined in area (Y/N)? N
 Coal Depths (ft): 176-179

Size	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16		18	18	
11 3/4"		181	181	118
8 5/8"		958	958	324.5
4 1/2		5177	5177	367.7

OPEN FLOW DATA

Producing formation Benson and Alexander Pay zone depth (ft) 4760'-64'
 Gas: Initial open flow -- MCF/d Oil: Initial open flow -- Bbl/d 5049'-78'
 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
 Second producing formation Riley Pay zone depth (ft) 4321'-4698'
 Gas: Initial open flow 508 MCF/d Oil: Initial open flow -- Bbl/d
 Final open flow 499 MCF/d Final open flow -- Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 1340 psig (surface pressure) after 72 Hours

* COMMINGLED

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: MURVIN OIL COMPANY

By: Cary L. Hill Executive Vice-President
 Date: August 31, 1994

SEP 2 1994

08/22/94: Perforated Alexander formation 5049' to 5078' with 12 holes using hollow carrier gun.

08/23/94: Foam fractured Alexander Perfs with 356 bbls. Fluid, 10,000 lbs. 80/100, 50,000 lbs. 20/40, 625 MSCF nitrogen, and 500 gals. 15% HCL.

Perforated Benson formation 4760' to 4764' with 8 holes and Third Riley formation 4694' and 4698' with 2 holes using hollow carrier gun.

Fractured Benson and Third Riley perfs with 228 bbls fluid, 5000 lbs. 80/100 30,000 lbs. 20/40, 473 MSCF nitrogen, and 500 gals. 15% HCL.

Perforated Riley formation 4321' to 4352' with 11 holes using hollow steel carrier gun.

Fractured Riley perfs with 253 bbls. Fluid, 7500 lbs. 80/100, 25,000 lbs. 20/40, 494 MSCF nitrogen, and 500 gals. 15% HCL.

FORMATION RECORD

FORMATIONS	TOP	BOTTOM
Fill	0	5
Red Rock	5	12
Sandy Shale	12	118
Red Rock	118	176
Coal	176	179
Red Rock	179	203
Shaly Sand	203	330
Sand	330	505
Sand & Shale	505	789
Shale	789	829
Sandy Shale	829	988
Shale	988	992
Shaly Sand	992	1070
Sandy Shale	1070	1080
Shale	1080	1240
Sand & Shale	1240	1702
Little Lime	1702	1715
Sand & Shale	1715	1750
Big Lime	1750	1823
Keener	1823	1860
Injun	1860	1916

FORMATION RECORD (CONTINUED)

FORMATIONS	TOP	BOTTOM
Shale	1916	2062
Weir	2062	2168
Shlae	2168	3104
Speechly	3104	3316
Shale	3316	3717
Balltown	3717	3727
Shale	3727	4298
Riley	4298	4372
Shale	4372	4690
Third Riley	4690	4702
Shale	4702	4756
Benson	4756	4766
Shale	4766	5005
Alexander	5005	5095
Shale	5095	5242
TOTAL DEPTH	5242	

SEP 2 1994

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Page 3 of 9

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

Issued 06/24/94

JUN 24 94

WELL WORK PERMIT APPLICATION

Expired 06/24/96

Permitted Operator: Murvin Oil Company 34050

(8)

Operator's Well Number: Lynch #1 3) Elevation: 865

19402

4) Well type: (a) Oil / or Gas X/

(b) If Gas: Production X/ Underground Storage /
Shallow X/ Deep / 439

5) Proposed Target Formation(s): Bradford, Benson, Alexander

6) Proposed Total Depth: 5200 feet

7) Approximate fresh water strata depths: 60

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 and complete new well

12)

CASING AND TUBING PROGRAM

TYPE	SIZE	GRADE	WEIGHT per ft.	FOOTAGE	LEFT IN well	CEMENT
Conductor						
Fresh Water	11 3/4	L.S.	42	160	160	CTS
Coal						
Intermediate	8 5/8	L.S.	20	940	940	CTS
Production	4 1/2	J/K	10.5	5200	5200	350
Tubing						
Liners						

PACKERS: Kind

Sizes

Depths set

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond Agent

MLV

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17 Division of
Environmental Protection
JUN 24 1994
Permitting
Office of Oil & Gas

1) Date: June 22, 1994
2) Operator's well number
3) API Well No: 47 - 017 - 4137
Lynch #1
State - County - Permit

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

Department of Environmental Protection
Division of Environmental Protection
JUN 24 1994

4) Surface Owner(s) to be served:

(a) Name	William Randall Lynch	5) (a) Coal Operator:	Name	None
Address	Mid Star Rt. Box 31-10 West Union, WV 26456	Address	Address	
(b) Name	Dixie Janet Criag	(b) Coal Owner(s) with Declaration	Name	same as surface owners
Address	Mid Star Rt. Box 31-10 West Union, WV 26456	Address	Address	
(c) Name		Name	Address	
Address		(c) Coal Lessee with Declaration	Name	None
6) Inspector Mr. Mike Underwood	Address	Address	Address	
Rt. 2 Box 135	Telephone (304) - 782-1043			

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 9 on the above named parties, by:

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

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

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, 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.

Well Operator Murvin Oil Company
 BY: Gary A. Hill
 Its: Executive Vice-President
 Address P.O. Box 297
Olney, IL 62450

Subscribed and sworn before me this 22nd day of June, 1994
William M. Perry Notary Public

My commission expires 10/28/95
TERESA PERRY, Notary Public
State of Ohio
My Commission Expires Oct. 23, 1997