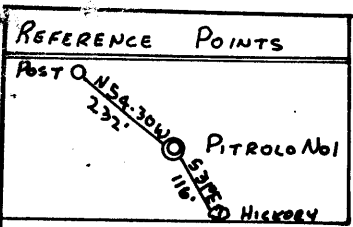


9,475'

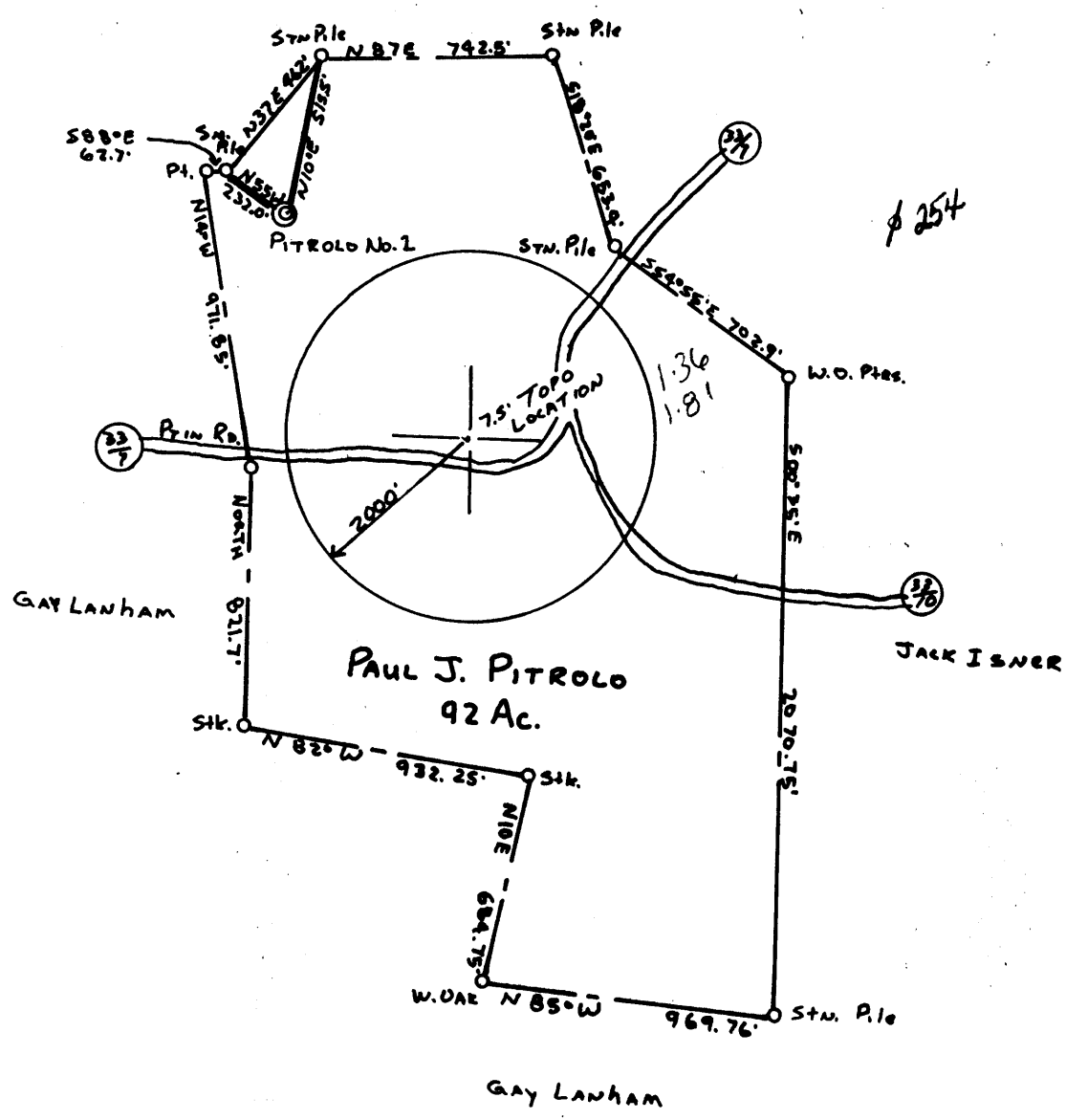
LATITUDE 39°27'30"

LONGITUDE 79°50'00"



204  
Janice  
6/5/92

Clyde Bolyard



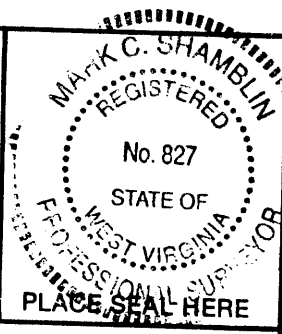
254

4.24  
1.81

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

FILE NO. 92-5  
DRAWING NO. 92005  
SCALE 1" = 600'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION Top of Ridge 1900'  
NORTH 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) Mark C. Shamblin  
R.P.E. \_\_\_\_\_ L.L.S. 827



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



DATE 2-25, 19 92  
OPERATOR'S WELL NO. PITROLO No. 1  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1884' WATERSHED Three Fork Creek  
DISTRICT Lyon 3 COUNTY PRESTON  
QUADRANGLE NEWBURG (7.5') Thornton  
SURFACE OWNER PAUL J. & JANICE K. PITROLO  
OIL & GAS ROYALTY OWNER PAUL J. & JANICE K. PITROLO LEASE ACREAGE 92  
LEASE NO. 47-077-014  
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW  
FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

47-077-0276  
STATE COUNTY PERMIT  
Now 285

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION FOURTH SAND ESTIMATED DEPTH 2400'  
WELL OPERATOR MARK RESOURCES CORP. DESIGNATED AGENT OLIN SHOCKEY  
ADDRESS PITTSBURGH, PA. 15276 646 ADDRESS RT1 Box 139 B  
RAUENSWOOD, WV. 26164

JUN 16 1992

5-5 (316)

FORM WW-6  
HALLS INC. 068065

COUNTY NAME  
PERMIT

REC

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

APR 2 1995

Well Operator's Report of Well Work

WV/D Division of  
Farm name: PITROLO, PAUL J.  
Environmental Protection

Operator Well No.: PITROLC 1

LOCATION: Elevation: 1,884.00 Quadrangle: NEWBURG

District: LYON County: PRESTON  
Latitude: 7100 Feet South of 39 Deg. 27Min. 30 Sec.  
Longitude 9475 Feet West of 79 Deg. 50 Min. 0 Sec.

Company: LOMAK OPERATING COMPANY  
200 Fleet Street STE 410  
PITTSBURGH, PA 15220-0000

Agent: OLIN SHOCKEY

Inspector: PHILLIP TRACY  
Permit Issued: 10/21/94  
Well work Commenced: 10/24/94  
Well work Completed: 10/30/94  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 2,528'  
Fresh water depths (ft) 80'

Salt water depths (ft) none

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.
7"		1,282'	195 sks
4 1/2"		2,401'	55 sks

OPEN FLOW DATA

Producing formation Fourth Sand Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow SG Nat MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 420 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure 550 psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ 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: William A. Zagorski  
LOMAK OPERATING COMPANY

By: William A. Zagorski  
Date: 4/18/95

Perforated Fourth Sand with 22 shots at 2239-2766'. Broke down formation at 1,523' psi. Treated with 788 bbls of fluid and 65,000 lbs of 20/40 mesh sand.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	
Sand & Shale	0'	1,158'	
Little Lime	1,158'	1,176'	
Pencil Cave	1,176'	1,198'	
Big Lime	1,198'	1,440'	
Shale	1,440'	1,476'	
Upper Weir	1,476'	1,530'	
Shale	1,530'	1,542'	
Lower Weir	1,542'	1,590'	
Shale	1,590'	1,684'	
Berea	1,684'	1,714'	
Shale	1,714'	1,736'	
Middle Gantz	1,736'	1,772'	
Shale, Sand	1,772'	1,814'	
Fifty-Foot	1,814'	1,908'	
Shale and Sand	1,908'	2,234'	
Upper Fourth	2,234'	2,290'	SG
Shale	2,290'	2,340'	
Lower Fourth	2,340'	2,374'	
Shale	2,374'	T.D.	

0.7.7-285  
 Issued 10/21/94  
 Expires 10/21/96  
 Page \_\_\_\_\_ of \_\_\_\_\_

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

- 1) Well Operator: LORAK OPERATING Co. 30275 (3) 508  
 2) Operator's Well Number: Pitrolo #1 3) Elevation: 1884'  
 4) Well type: (a) Oil  / or Gas  /  
 (b) If Gas: Production  / Underground Storage   
 Deep  / Shallow   
 Proposed Target Formation(s): Fourth Sand 421  
 Proposed Total Depth: 2484 feet  
 Approximate fresh water strata depths: 80'  
 Approximate salt water depths: None  
 9) Approximate coal seam depths: 464-466, 664-666, 854-858'  
 10) Does land contain coal seams tributary to active mine? Yes  / No   
 11) Proposed Well Work: To drill and complete gas well  
 12)

CASING AND TUBING PROGRAM

RECEIVED  
 Office of Oil & Gas  
 Permitting  
 JUN 01 97

TYPE	SPECIFICATIONS			FOOTAGE INTERVAL For drilling	Left in well	CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.			
Conductor	11-3/4"			40'		
Fresh Water	8-5/8"				1284'	38 CSR 18-11.3 38 CSR 18-11.2.2
Coal						
Intermediate	4-1/2"				2464'	38 CSR 18-11.1
Production						
Tubing						
Liners						

PACKERS : Kind \_\_\_\_\_  
 Sizes \_\_\_\_\_  
 Depths set \_\_\_\_\_

2800/32

For Division of Oil and Gas Use Only

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

19884

Page 1 of \_\_\_\_\_  
Form WW2-A  
(09/87)

- 1) Date: September 22, 1994
- 2) Operator's well number  
PITROLO #1
- 3) API Well No: 47 - 77 - 0285  
State - County - Permit

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

- |   |  |
|---|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Paul J. Pitrolo</u><br/>Address <u>Rt. 7 Box 503A</u><br/><u>Fairmont, WV 26554</u></p> <p>(b) Name _____<br/>Address _____</p> <p>(c) Name _____<br/>Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____<br/>Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name _____<br/>Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____<br/>Address _____</p> |
| <p>5) Inspector <u>Phillip Tracy</u><br/>Address <u>Route 2, Box 37-A</u><br/><u>Montrose, WV 26283</u><br/>Telephone (304)- <u>636-8798</u></p>  |  |

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)

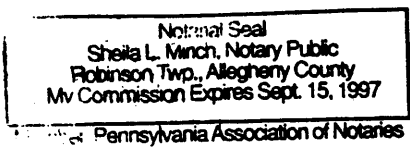
\_\_\_\_\_ Publication (Notice of Publication attached)

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 LOMAK OPERATING COMPANY  
By: JEFFERY A. BYNUM *Jeffery A. Bynum*  
Its: VICE PRESIDENT-LAND  
Address 200 Fleet Street Suite 410  
PITTSBURGH, PA 15220  
Telephone 412-928-8840



Subscribed and sworn before me this 22nd day of September, 1994

*Sheila L. Minch*  
\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

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

- 1) Well Operator: Mark Resources Corporation 30275 (3) 506
- 2) Operator's Well Number: Pitrolo #1 3) Elevation: 1884'
- 4) Well type: (a) Oil  / or Gas  /  
(b) If Gas: Production  / Underground Storage  /  
Deep  / Shallow  /
- 5) Proposed Target Formation(s): Fourth Sand
- 6) Proposed Total Depth: 2484 feet
- 7) Approximate fresh water strata depths: 80'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: 464-466, 664-666, 854-858'
- 10) Does land contain coal seams tributary to active mine? Yes  / No  /
- 11) Proposed Well Work: To drill and complete gas well
- 12)

*JK*

**CASING AND TUBING PROGRAM**

RECEIVED  
Office of Oil & Gas  
Permitting  
JUN 09 1992  
Division of Environmental Protection

TYPE	SPECIFICATIONS			FOOTAGE INTERVA	Left in well	CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.			
Conductor	11-3/4"			40'		
Fresh Water	8-5/8"				1284'	38 CSR 18-11.3 38 CSR 18-11.2.2
Coal						
Intermediate	4-1/2"				2464'	38 CSR 18-11.1
Production						
Tubing						
Liners						

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

867M  
22

For Division of Oil and Gas Use Only

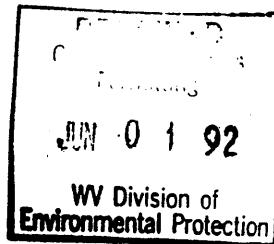
Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond *Blanket sure*  Agent

ED-1

- 1) Date: March 31, 1992
- 2) Operator's well number  
Pitrolo #1
- 3) API Well No: 47 - 077 - 0276  
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 Mr. & Mrs. Paul J. Pitrolo  
Address Route 7, Box 503A  
Fairmont, WV 26554
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_
  - Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_
- 6) Inspector Phillip Tracy  
Address Route 2, Box 37-A  
Montrose, WV 26283  
Telephone (304)-636-8798

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)

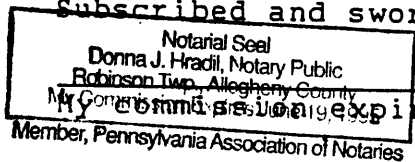
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I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the 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 MARK RESOURCES CORPORATION  
 By: Robert L. Eckle  
 Its: Attorney-in-Fact  
 Address Penn Center West, Bldg. II, Suite 224  
Pittsburgh, PA 15276  
 Telephone 412-788-1340

Subscribed and sworn before me this 29th day of May, 1992



Donna J. Hradil Notary Public  
June 19, 1995