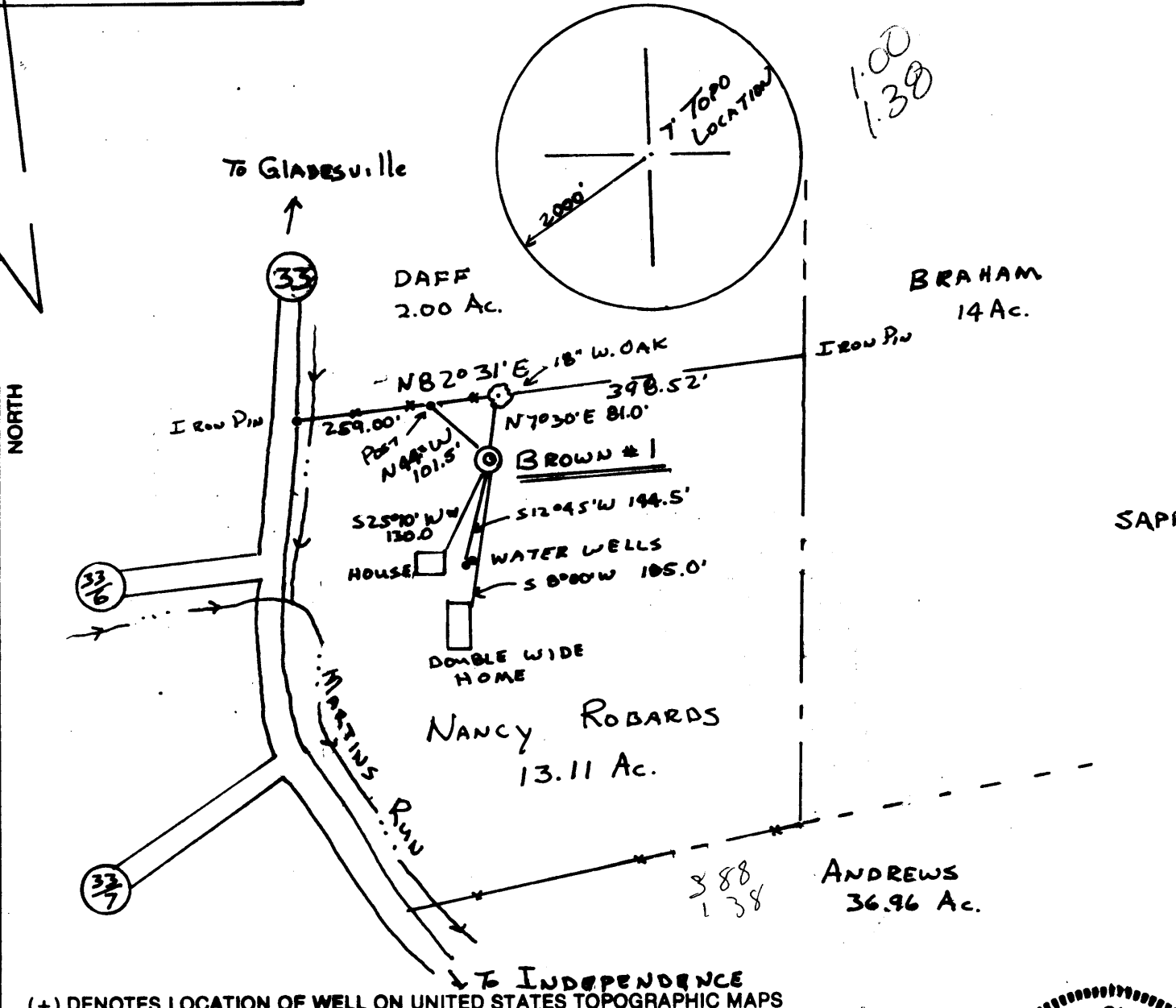
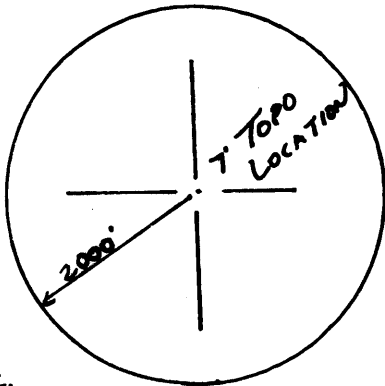
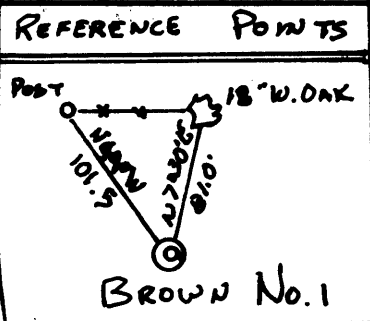


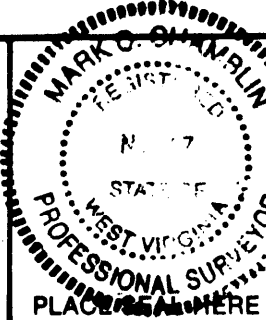
7,250'  
 LATITUDE 39° 27' 30"



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

FILE NO. 94-12  
 DRAWING NO. 94-12  
 SCALE 1" = 200'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION EXIST WELL  
 LOCATION N.E. OF LOCATOR

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 O. Harlin  
 R.P.E. \_\_\_\_\_ L.L.S. 827



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



DATE 11-11, 19 94  
 OPERATOR'S WELL NO. Brown No 1  
 API WELL NO. 47-077-0287

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1441' WATERSHED MARTINS RUN  
 DISTRICT LYONS COUNTY PRESTON  
 QUADRANGLE NEWBURG Morrison, NC  
 SURFACE OWNER NANCY ROSE ROBARDS ACREAGE 13.11  
 OIL & GAS ROYALTY OWNER BROWN ETALS LEASE ACREAGE 24  
 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 FOURTH SAND ESTIMATED DEPTH 2400'  
 WELL OPERATOR LOMAK OPERATING CO. DESIGNATED AGENT OLIN SHOKEY  
 ADDRESS PITTSBURGH, PA. 15220 ADDRESS RAVENSWOOD, WV 26164

MAY 30 1995

LONGITUDE 79° 50' 00"

**RECEIVED**  
WV Division of  
Environmental Protection

WR-35

Date 04/08/96  
API # 47-77-00287

**APR 15 1996**

Permitting  
Office of Oil & Gas

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

Well Operator's Report of Well Work

Farm Name: Robards, Nancy Rose

Operator Well No.: Brown #1

Location: Elevation: 1,441

Quadrangle: Newburg

District: Lyon  
Latitude: 5,250 Feet South of  
Longitude: 7,250 Feet West of

County: Preston  
39 Deg. 27 Min. 30 Sec.  
79 Deg. 50 Min. 00 Sec.

Company: Lomak Operating Company  
P O Box 235  
Yatesboro, PA 16263

Agent: Olin Shockey

Inspector: Phillip Tracy

Permit Issued: 5/22/95

Well Work Commenced: 10/17/95

Well Work Completed: 10/22/95

Verbal Plugging

Permission granted on:

Rotary  Cable  Rig

Total Depth (feet) 2,058'

Fresh water depths (ft) na

Salt water depths (ft) na

Is coal being mined in area (Y/N)? n

Coal Depths (ft):

Casing & Tubing	Grade & Weight	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
7"	H-40 17#		856'	305 sks
4-1/2"	J-55 10-1/2#		1,941'	100 sks
1-12"	CW-42 2.75#		1,887'	

**OPEN FLOW DATA**

Producing formation Fourth Sand Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ Mcf/day Oil: Initial open flow \_\_\_\_\_ Bbl/day  
 Final open flow \_\_\_\_\_ Mcf/day Oil: Final open flow \_\_\_\_\_ Bbl/day  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static Rock Pressure 525 psig (surface pressure) after 72 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ Mcf/day Oil: Initial open flow \_\_\_\_\_ Bbl/day  
 Final open flow 100 Mcf/day Oil: Final open flow \_\_\_\_\_ Bbl/day  
 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.**

William A. Zagorski  
FOR: LOMAK OPERATING COMPANY

By: William A. Zagorski  
Date: 4/8/96

APR 10 1996

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Environmental Protection

077-0287

Issued 05/22/95

FORM WW-2B

FEB 14 1995

STATE OF WEST VIRGINIA

Expires 05/22/97 Page \_\_\_ of \_\_\_

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
Office of Oil and Gas WORK PERMIT APPLICATION

20240

- 1) Well Operator: LOMAK OPERATING COMPANY 30275 (3) 507
- 2) Operator's Well Number: Brown #1 3) Elevation: 1441
- 1) Well type: (a) Oil \_\_\_ / or Gas X /  
(b) If Gas: Production \_\_\_ / Underground Storage \_\_\_ /  
Deep \_\_\_ / 421 Shallow X /
- Proposed Target Formation(s): FOURTH SANDSTONE
- 6) Proposed Total Depth: 2350 feet
- 7) Approximate fresh water strata depths: 30'
- 8) Approximate salt water depths: none
- 9) Approximate coal seam depths: 315-318 549-551 731-734
- 10) Does land contain coal seams tributary to active mine? Yes \_\_\_ / No X
- 11) Proposed Well Work: DRILL AND COMPLETE GAS WELL.
- 12)

*New Well*

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	9 5/8			200	200' <i>CF</i>	38 CSR 18-11.2
Fresh Water	7"			1175'	1175	38 CSR 18-11.2 38 CSR 18-11.2
Coal						
Intermediate						
Production	4 1/2"			2350	2350'	38 CSR 18-11.2
Tubing						
Liners						

PACKERS : Kind none  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

2973  
7

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

1/2

Perforated Fourth Sand with 33 shots at 1,847 to 1,875 feet. Broke down formation at 2,019 psi. Treated with 451 bbls of fluid and 83,700 lbs of 20/40 mesh sand.

FORMATION	TOP	BOTTOM
Sand and Shale	0	818
Big Lime	818	1,034
Shale	1,034	1,082
Upper Weir	1,082	1,130
Shale	1,130	1,150
Lower Weir	1,150	1,190
Shale	1,190	1,292
Berea	1,292	1,310
Shale	1,310	1,336
Middle Gantz	1,336	1,390
Shale, Sand	1,390	1,442
Fifty-Foot	1,442	1,462
Shale and Sand	1,462	1,844
Upper Fourth	1,844	1,882
Shale	1,882	1,926
Lower Fourth	1,926	1,956
Shale	1,956	T.D.

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Environmental Protection

FEB 14 1995

Permitting  
Office of Oil & Gas

- 1) Date: 11-14-94
- 2) Operator's well number  
Brown No. 1
- 3) API Well No: 47 - 077 - 0287  
State - County - Permit

Surface Owner Copy

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 NANCY ROSE ROBARDS
  - Address RT 1 Box 55  
INDEPENDENCE, WV. 26374
  - (b) Name \_\_\_\_\_
  - Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_
  - Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name \_\_\_\_\_
  - Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration
    - Name \_\_\_\_\_
    - Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration
    - Name \_\_\_\_\_
    - Address \_\_\_\_\_
- 6) Inspector Phillip TRACY
- Address RT 2 Box 37A  
MONROSE, 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)

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 LOMAK OPERATING COMPANY  
By: 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 \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

My commission expires \_\_\_\_\_ Notary Public