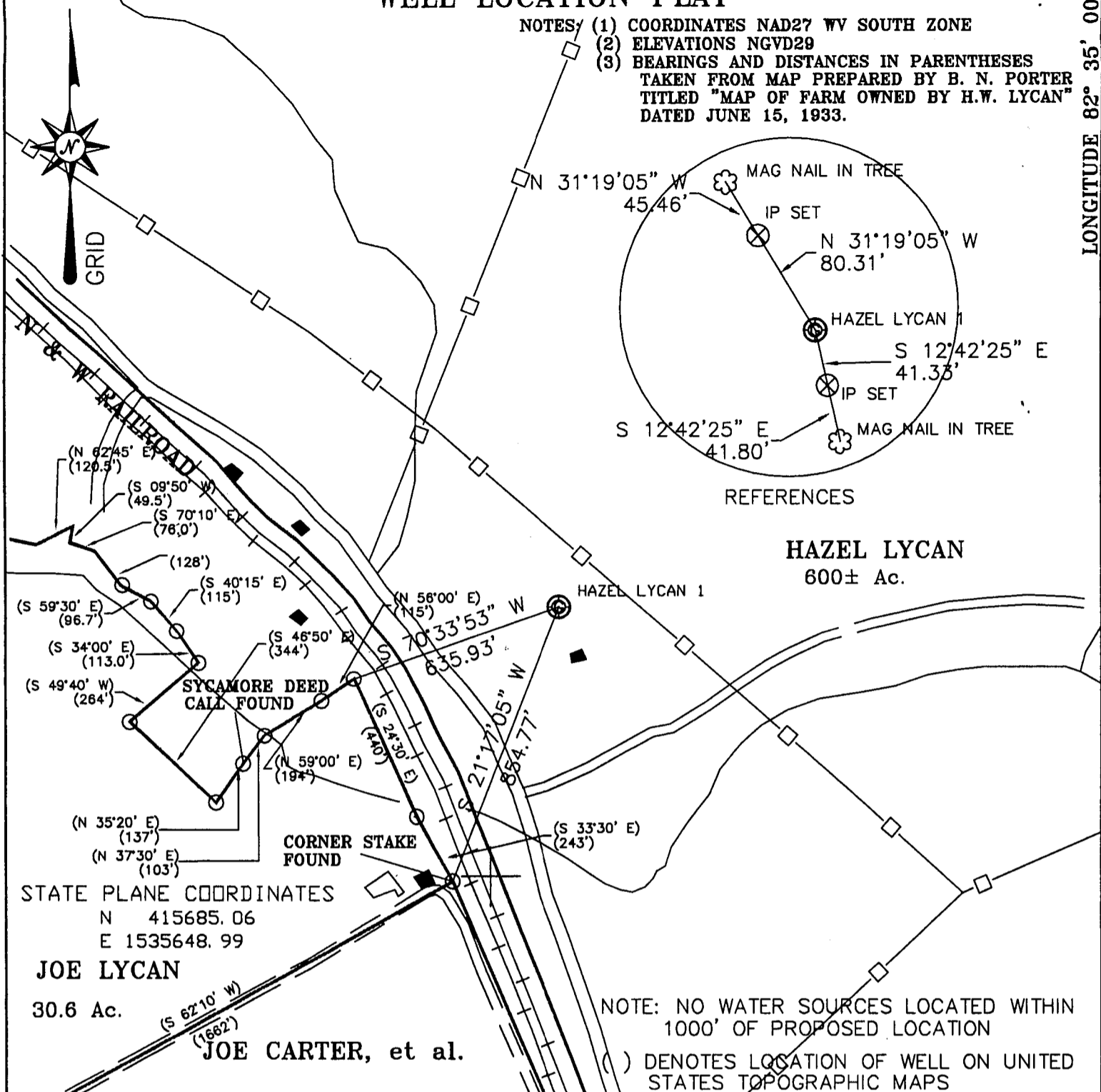


# WELL LOCATION PLAT

LATITUDE 38° 10' 00"

- NOTES: (1) COORDINATES NAD27 WV SOUTH ZONE  
 (2) ELEVATIONS NGVD29  
 (3) BEARINGS AND DISTANCES IN PARENTHESES  
 TAKEN FROM MAP PREPARED BY B. N. PORTER  
 TITLED "MAP OF FARM OWNED BY H.W. LYCAN"  
 DATED JUNE 15, 1933.



LONGITUDE 82° 35' 00"

REFERENCES

**HAZEL LYCAN**  
600± Ac.

STATE PLANE COORDINATES  
 N 415685.06  
 E 1535648.99

**JOE LYCAN**

30.6 Ac.

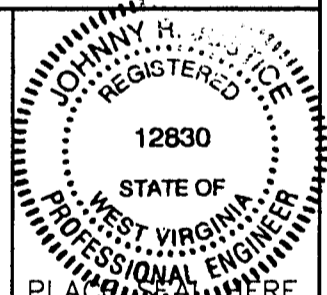
**JOE CARTER, et al.**

NOTE: NO WATER SOURCES LOCATED WITHIN 1000' OF PROPOSED LOCATION

( ) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 7081-017  
 DRAWING NO. 7081-017  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1:2500  
 PROVEN SOURCE OF ELEVATION GPS SURVEY  
FROM NGS MONUMENTS  
TO 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 MINES.  
 (SIGNED) *[Signature]*  
 R.P.E. 12,830 R.P.S.



STATE OF WEST VIRGINIA		DATE <u>MARCH 15</u> 2002
DIVISION OF ENVIRONMENTAL PROTECTION		OPERATOR'S WELL NO. <u>HAZEL LYCAN 1</u>
OFFICE OF OIL AND GAS		<u>47</u> <u>099</u> <u>02068</u>
NITRO, W VA		STATE COUNTY PERMIT
WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/>		
(IF GAS) PRODUCTION <input type="checkbox"/> STORAGE <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input type="checkbox"/>		
LOCATION: ELEVATION <u>596.15</u> WATER SHED <u>HAMMOND'S BRANCH</u>		
DISTRICT <u>BUTLER</u> COUNTY <u>WAYNE</u>		
QUADRANGLE <u>PRITCHARD</u>		
SURFACE OWNER <u>HAZEL LYCAN</u>		ACREAGE <u>600±</u>
OIL & GAS ROYALTY OWNER <u>HAZEL LYCAN</u>		LEASE ACREAGE <u>600±</u>
LEASE NO. <u>N/A</u>		
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____		
PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG <input type="checkbox"/>		
TARGET FORMATION <u>DEVONIAN SHALE</u>		ESTIMATED DEPTH <u>4000'</u> OR BASE <u>DEVONIAN SHALE</u>
WELL OPERATOR <u>GEDEX</u>		DESIGNATED AGENT <u>JOE LYCAN</u>
ADDRESS <u>37 N. SUNSET</u>		ADDRESS <u>37 N. SUNSET</u>
<u>WILLIAMSON, W VA 25661</u>		<u>WILLIAMSON, W VA 25661</u>

Office of Oil and Gas  
1356 Hansford Street  
Charleston, WV 25301  
Phone: (304) 558-6075  
Fax: (304) 558-6047

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## West Virginia Department of Environmental Protection

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Bob Wise,  
Governor

Stephanie R. Timmermeyer,  
Cabinet Secretary

June 30, 2004

### FINAL INSPECTION REPORT

### WELL PERMIT RELEASED

GEOEX, INC.,

The FINAL INSPECTION REPORT for the permit, API Well Number: 47-9902068, issued to GEOEX, INC., and listed below has been received in this office, and reclamation requirements approved. The well designated by the permit number below has been released under reclamation and will remain under your bond.



JAMES MARTIN  
Chief,  
Office of Oil and Gas

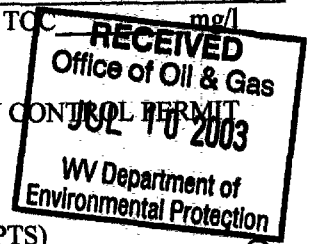
Operator: GEOEX, INC.  
Operator's Well No: H. LYCAN 1  
Farm Name: LYCAN, HAZEL  
**API Well Number: 47-9902068**  
Date Issued: 07/24/2002

IR-26

PAGE 1 of 2

DATE STARTED/LOCATION: \_\_\_\_\_ API# 99-02068 GPS YES [ ] NO [ ]  
DRILLING COMMENCED: 11-8-02 OPERATOR: Georex WELL NO. Lycaon #1  
TD DATE: 11-9-02 DEPTH: 2487 FARM: \_\_\_\_\_

WATER DEPTHS COAL DEPTHS  
1. IS THE OPERATOR KEEPING DETAILED DRILLING AND CEMENT RECORDS: YES [ ] NO [ ] (6 PTS) 6  
RAN \_\_\_\_\_ FEET OF \_\_\_\_\_ " PIPE ON \_\_\_\_\_ CEMENTED W/ \_\_\_\_\_ SACKS (CIRCULATED) YES [ ] NO [ ]  
RAN 300 FEET OF 9508 " PIPE ON 11-7-02 CEMENTED W/ 100 SACKS (CIRCULATED) YES [ ] NO [ ]  
RAN 1062 FEET OF 7 " PIPE ON 11-8-02 CEMENTED W/ \_\_\_\_\_ SACKS (CIRCULATED) YES [ ] NO [ ]  
RAN \_\_\_\_\_ FEET OF \_\_\_\_\_ " PIPE ON \_\_\_\_\_ CEMENTED W/ \_\_\_\_\_ SACKS (CIRCULATED) YES [ ] NO [ ]  
RAN \_\_\_\_\_ FEET OF \_\_\_\_\_ " PIPE ON \_\_\_\_\_ CEMENTED W/ \_\_\_\_\_ SACKS (CIRCULATED) YES [ ] NO [ ]  
RAN \_\_\_\_\_ FEET OF \_\_\_\_\_ " PIPE ON \_\_\_\_\_ CEMENTED W/ \_\_\_\_\_ SACKS (CIRCULATED) YES [ ] NO [ ]  
PIT DISCHARGE DATE: 11-20-02 TYPE: \_\_\_\_\_ (LAND, DISPOSAL WELL, RE-USE, ETC.) API# \_\_\_\_\_  
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 22-6-30 AND REGULATIONS 35CSR 4-12.1 AND 35CSR 4-16 AND THE GENERAL WATER POLLUTION CONTROL PERMIT

2. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING:  
A. CONSTRUCTION YES [ ] NO [ ] (2 PTS) B. DRILLING YES [ ] NO [ ] (2 PTS)  
C. PIT TREATMENTS YES [ ] NO [ ] (2 PTS) D. PIT DISCHARGE YES [ ] NO [ ] (2 PTS)  
E. RECLAMATION YES [ ] NO [ ] (2 PTS)  
POINTS AVAILABLE FOR QUESTION 2: (10 PTS) 8

3. DID THE OPERATOR HAVE PERMIT ON SITE? YES [ ] NO [ ] (4 PTS) 4

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

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

6. WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINED?  
A. ROAD DITCHES YES [ ] NO [ ] (3 PTS) B. CROSS DRAINS YES [ ] NO [ ] (3 PTS) NA  
C. CULVERTS YES [ ] NO [ ] (3 PTS) D. CREEK CROSSINGS YES [ ] NO [ ] (3 PTS)  
E. DIVERSION DITCHES YES [ ] NO [ ] (3 PTS) F. BARRIERS YES [ ] NO [ ] (3 PTS)  
G. TEMPORARY SEEDING YES [ ] NO [ ] (3 PTS)  
POINTS AVAILABLE FOR QUESTION 6: (21 PTS) 21

7. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [ ] NO [ ] (2 PTS) 0

8. IS THE WELL STAKE IN THE PROPER SPOT IN ACCORDANCE WITH 35CSR4-9.2.c AFTER CONSTRUCTION? YES [ ] NO [ ] (3 PTS) 3

9. IS THE PIT PROPERLY INSTALLED AND MAINTAINED? YES [ ] NO [ ] (6 PTS) 6

10. IS EQUIPMENT AND SITE BEING PROPERLY MAINTAINED TO PREVENT SPILLS? YES [ ] NO [ ] (3 PTS) 3

11. IS EQUIPMENT BEING PROPERLY OPERATED TO MAINTAIN SAFE CONDITIONS? YES [ ] NO [ ] (3 PTS) 3

14. WAS ROAD AND LOCATION PROPERLY RECLAIMED? YES [ ] NO [ ]  
A. ROADWAY YES [ ] NO [ ] (2 PTS) B. LOCATION YES [ ] NO [ ] (2 PTS)  
C. PITS YES [ ] NO [ ] (2 PTS) D. PIPELINES YES [ ] NO [ ] (2 PTS)  
E. TANK DIKES YES [ ] NO [ ] (2 PTS) NA F. GATES & FENCES YES [ ] NO [ ] (2 PTS)  
G. API INSTALLED YES [ ] NO [ ] (2 PTS) H. ADEQUATE SEEDING MATERIALS YES [ ] NO [ ] (2 PTS)  
I. WAS SEED BED ADEQUATE YES [ ] NO [ ] (2 PTS) POINTS AVAILABLE FOR QUESTION 14: (18 PTS) 18

15. WAS RECLAMATION COMPLETED WITHIN: POINTS AVAILABLE FOR QUESTION 15: (15 PTS) 8  
6 MTHS OF TD YES [ ] NO [ ] 8 PTS; 4 MTHS OF TD YES [ ] NO [ ] 3 PTS; 2 MTHS OF TD YES [ ] NO [ ] 4 PTS.

6-30-03 DATE RELEASED  
Gary Scites INSPECTOR  
TOTAL RECLAMATION SCORE: 88

3-10-03 Looks good - Need to dress and resced.

6-30-03 Looks good. Well not connected. (R)

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

Date Report Completed

12 / 10 / 02

*Handwritten initials*

Company Name: Geoex

API 47-099-02068

County: Wayne

District: Butler

Farm Name: Hazel Lycan

Well No. Hazel Lycan 1

Discharge Date/s From: (MMDDYY) 11 / 21 / 02

To: (MMDDYY) 11 / 21 / 02

Discharge Times: 7:00a.m.

To: 12:30a.m.

Disposal Option Utilized: UIC (2): Permit No.

Centralized Facility (5): Permit No.

Reuse (4): Alternate Permit No.

Offsite Disposal (3) Site Location:

Land Application (1)  (Include a topographical map of the Area.)

Other Method (6) (Include an explanation)

PIT DISCHARGED BY  
J.W. PIT WELL SERVICING, INC  
*William E. Laxer*  
SIGNATURE

Follow Instructions below to determine your treatment category.

Optional Pretreatment test: 5,000 Cl-mg/l 12 DO Mg/l

1. Do you have permission to use expedited treatment from the Director or his representative? (Y/N) 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) Y 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) Y If yes then go to line 6 if not enter a three (3) on line 7.
6. Is that DO greater than 2.5 mg/l? (Y/N) Y If yes then enter a two (2) on line 7 if not enter a three (3) on line 7.
7. 2 is the category of your pit. Use the Appropriate section.

Name of Principle Exec. Officer

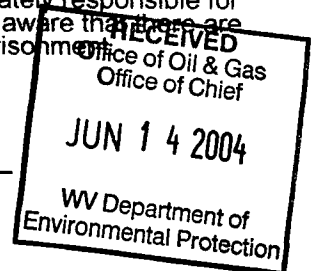
Title of Officer

Date Completed:

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 Exe. Officer or Authorized agent

*Joe Lycan*  
Signature



Parameter		Predischarge Limit Reported	Discharge Limits Reported	Units
pH	6-10		6-10	S.U.
Settling Time	5		N/A	Days
Fe	6		6	mg/l
D.O.	2.5		2.5	mg/l
Settleable Sol.	.5		.5	mg/l
Cl	5000		5000	mg/l
Oil	Trace		Trace	Obs.
TOC			Monitor	mg/l
Oil and Grease			Monitor	mg/l
Al***			Monitor	mg/l
TSS			Monitor	mg/l
Mn	Monitor		Monitor	mg/l
Volume			Monitor	Gals
Flow			Monitor	Gals
Disposal Area			Monitor	Acres

\*\*\*Al is only reported if the pH is above 9.0

Category 2  
 Sampling Results  
 API NO 47-099-02068

Parameter		Predischarge Limit Reported	Discharge Limits Reported	Units
pH	6-10	<u>7</u>	6-10	S.U.
Settling Time	10	<u>10</u>	N/A	Days
Fe	6	<u>1</u>	6	mg/l
D.O.	2.5	<u>12</u>	2.5	mg/l
Settleable Sol.	.5	<u>.1</u>	.5	mg/l
Cl*	12,500	<u>5,000</u>	12,500	mg/l
Oil	Trace	<u>NONE</u>	Trace	Obs.
TOC**			Monitor	mg/l
Oil and Grease			Monitor	mg/l
Al***			Monitor	mg/l
TSS			Monitor	mg/l
Mn	Monitor	<u>ND</u>	Monitor	mg/l
Volume			Monitor	Gals
Flow			Monitor	Gals/min.
Disposal Area			Monitor	Acres

\*Can Be 25,000 with inspectors approval,

\*\*Include a description of your aeration technique. =CODE 3

\*\*\*Al is only reported if the pH is above 9.0

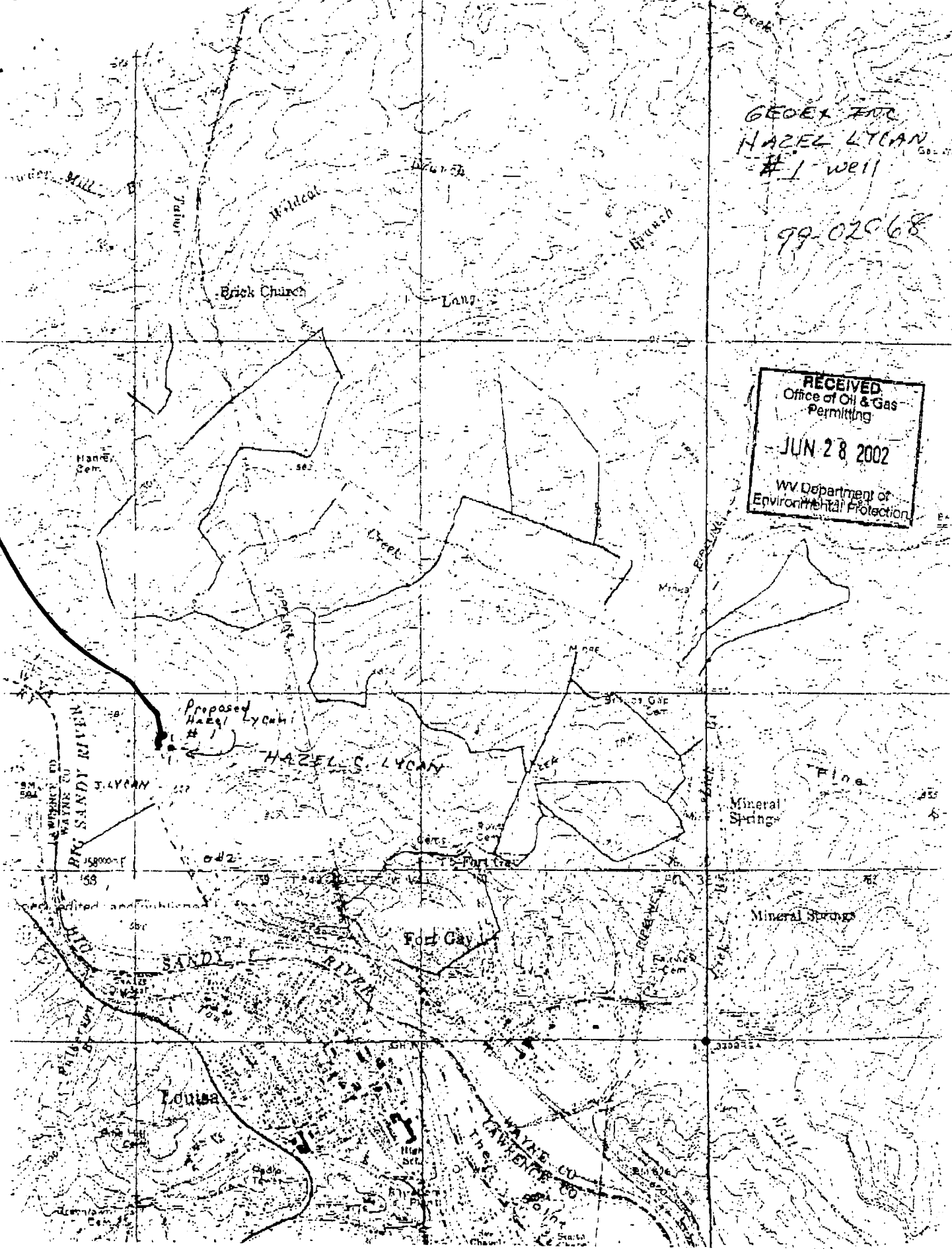
Date: \_\_\_\_\_

Discharge Area

GEOLOG FOR  
HAZEL LYCAN  
#1 well

99-02068

RECEIVED  
Office of Oil & Gas  
Permitting  
JUN 28 2002  
WV Department of  
Environmental Protection



Proposed Hazel Lycan #1

HAZEL S. LYCAN

Fort Gay

Mineral Springs

Mineral Springs

Louisia

WAYNE CO  
TAYLOR CO

*M 13*

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

Well Operator's Report of Well Work

Farm name: HAZEL LYMAN Operator Well No.: 1

LOCATION: Elevation: 596.15 Quadrangle: Pritchard

District: Butler County: Wayne

Latitude: 13'42 Feet South of 38 Deg. 10 Min. 00 Sec.

Longitude 89'12 Feet West of 82 Deg. 35 Min. 00 Sec.

N 415685.06  
E 1535648

Company: GEDEX INC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>37 N SUNSET</u>	<u>13 3/8</u>	<u>25</u>	<u>25</u>	<u>Bagged</u>
<u>WILLIAMSON WV 25661</u>	<u>9 5/8</u>	<u>317</u>	<u>317</u>	<u>118</u> <small>100 SKS Cm. 7"</small>
Agent: <u>JOE LYMAN</u>	<u>7"</u>	<u>1062</u>	<u>1062</u>	<u>217</u> <small>145 SKS</small>
Inspector: <u>GARY SPITES</u>	<u>4 1/2</u>	<u>2465</u>	<u>2465</u>	<u>129.2</u> <small>68 SKS</small>
Date Permit Issued: <u>7-24-02</u>				
Date Well Work Commenced: <u>11-6-02</u>				
Date Well Work Completed: <u>11-10-02</u>				
Verbal Plugging: <u>—</u>				
Date Permission granted on: <u>—</u>				
Rotary <input checked="" type="checkbox"/> Cable Rig				
Total Depth (feet): <u>2487 TD Loger</u>				
Fresh Water Depth (ft.): <u>200</u>				
Salt Water Depth (ft.): <u>733</u>				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): <u>NO MEASURABLE COALS</u>				

OPEN FLOW DATA

Producing formation — Pay zone depth (ft) 1900-2410

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

Second producing formation Devonian Sh Pay zone depth (ft) —

Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 10 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests — Hours

Static rock Pressure — psig (surface pressure) after — Hours

RECEIVED  
Office of Oil & Gas  
Office of Chief  
JUN 14 2004  
WV Department of  
Environmental Protection

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.

Signed: Joe M Lyman  
By: JOE M LYMAN  
Date: 6-10-04

0-150 SS  
150-200 SH  
200-357 SS  
357-378 SS4  
378-420 SS  
420-508 SS4  
508-530 SS  
530-550 SH  
550-635 SLTST  
635-960 Salt Sand  
960-968 SH  
968-974 SS  
974-984 SH  
984-1013 Maxon Sand  
1013-1121 BIG LIME  
1121-1181 Injun  
1181-1675 Borden  
1675-1700 Coffee Shale  
1700-1790 Borea  
1790-1833 Cleveland  
1833-2032 3 LICK/CHAGRIN  
2032-2095 UPPER HURON  
2095-2270 MIDDLE HURON  
2270-2439 ~~ORE~~ LOWER HURON  
2439-2487 OLENTANGY  
2487 TD



Office of Oil and Gas  
1356 Hansford Street  
Charleston, WV 25301  
Phone: (304) 558-6075  
Phone: (304) 558-6076  
Fax: (304) 558-6047

## West Virginia Department of Environmental Protection

Bob Wise,  
Governor

Michael O. Callaghan  
Secretary

July 24, 2002

### WELL WORK PERMIT New Well


This permit, API Well Number: 47-9902068, issued to GEOEX, INC., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located 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 by the operator to the Oil and Gas Inspector at least 24 hours 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 promptly reported by the operator to 1-800-654-3312 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable.

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 being imposed upon the operators.

This permit will expire in two (2) years from the issue date.

If there are any questions, please feel free to contact me or Mr. Al Blankenship at 304-558-6342.

  
James Martin  
Chief,  
Office of Oil and Gas

Operator's Well No: H. LYCAN 1

Farm Name: LYCAN, HAZEL

**API Well Number: 47-9902068**

**Permit Type: New Well**

Date Issued: 07/24/2002

99-02068

Form: WW - 2B

**STATE OF WEST VIRGINIA**  
**DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**WELL WORK PERMIT APPLICATION**

99 - 1 559

1) Well Operator GEOEX INC

19085	Wayne	Butler	Pittchard
Operator ID	County	District	Quadrangle

2) Operator's Well Number: Hazel Lycin #1

3) 

<b>RECEIVED</b>	
Office of Oil & Gas Permitting	
<b>JUN 28 2002</b>	
WV Department of Environmental Protection	

576.15

4) Well Type: (a) Oil  or Gas   
 (b) If Gas: Production  Underground Storage   
 Deep  Shallow

5) Proposed Target Formation(s): Big Linc, Berea, Inguin

6) Proposed Total Depth: 24-2700<sup>+</sup> Feet

7) Approximate fresh water strata depths: 50-60

8) Approximate salt water depths: 650

9) Approximate coal seam depths: 50-75

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

11) Describe proposed well work set 30-60' 1 3/8", set 300' 9 5/8" cement to surface, set 7" in top 40' of Big Linc, cement to surface, drill thru lower Huron member of Devonian Shale, log, evaluate, run 4 1/2" cement to 7", perf & prod, or produce natural

**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	LS	36	30-60	30-60	
Fresh Water	9 5/8	LS	32	300	300	300 cu ft or cement to top
Coal						
Intermediate	7	J55	20	1030	1030	± 180 cement to surface
Production	4 1/2	J55	10.5	± 2700	± 2700	141 cu ft cement to surface
Tubing	2 3/8	J55	4.7	± 2700 if needed		
Liners						

CTS  
GCS

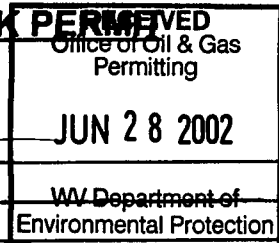
Packers: Kind hookwall if needed  
 Sizes \_\_\_\_\_  
 Depths Set \_\_\_\_\_

1) Date: \_\_\_\_\_  
2) Operator's Well Number  
Hazel Lyeon # 1  
3) API Well No.: 47 - 099 - 02068  
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served:  
(a) Name Hazel C. Lyeon ✓  
Address Rt 1 Box 114  
Fort Gay WVa 25514  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name -  
Address \_\_\_\_\_  
6) Inspector David Belcher  
Address 63 Sequoia Dr  
Huntington WV 25705  
Telephone 304 543 0966

5) (a) Coal Operator  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Hazel C. Lyeon ✓  
Address Rt 1 Box 114  
Fort Gay WV 25514  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_



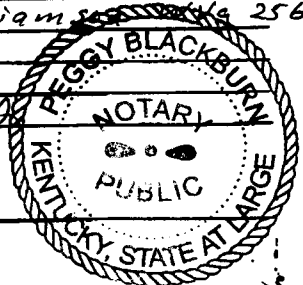
**TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:**

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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)  
I certify that as required under Chapter 22-6 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 22-6 and 35 CSR 4, 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 GEDEX INC  
By: JOE M. LYCAN  
Its: President  
Address 37 N. Sunset Williamstown WVa 25661  
Telephone 304 235 1898

Subscribed and sworn before me this 26th day of JUNE, 2002  
Reggy Blackburn Notary Public  
My Commission Expires January 13, 2005



99-02068

Form WW-2A-1  
(4/99)

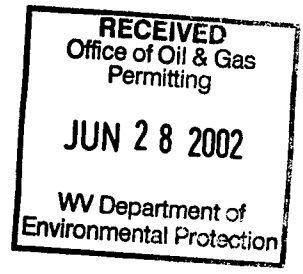
Operator's Well Number \_\_\_\_\_

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:

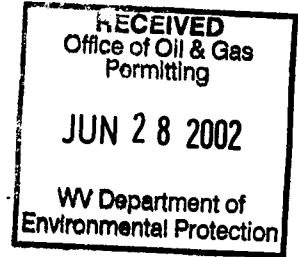
Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Hazel C. Lycan	Geox Inc	1/8	67/814



Well Operator: GEDEX INC  
 By: JOE M. LYCAN  
 Its: President

99-02068

FORM WW2-B1



West Virginia Division of Environmental Protection  
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

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 Standard Labs

Well operator's private laboratory

Well Operator GEOEX Inc

Address 37 N. Sunset  
Williamson WV 25661

Telephone 304 235 1898

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 underling 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.

3) API Well No.: 47 - 099 - 02068  
State County Permit

**STATE OF WEST VIRGINIA**  
**DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM**  
**GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE**

Operator Name GEOEX INC OP ID 19085

Watershed Hammonds Br of Big Sandy Quadrangle Pritchard

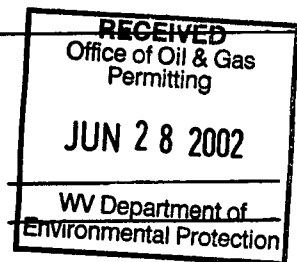
Elevation 596.15 County Wayne District Butler

Description of anticipated Pit Waste: salt water and drill cuttings

Will a synthetic liner be used in the pit? yes

Proposed Disposal Method for Treated Pit Wastes:

- Land Application
- Underground Injection - UIC Permit Number
- Reuse (at API Number
- Offsite Disposal (Supply form WW-9 disposal location
- Other (Explain \_\_\_\_\_)



Proposed Work for Which Pit Will be Used:

- Drilling
- Swabbing
- Workover
- Plugging
- Other (Explain \_\_\_\_\_)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION Permit issued on June 14, 1994, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any terms or conditions 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 or imprisonment.

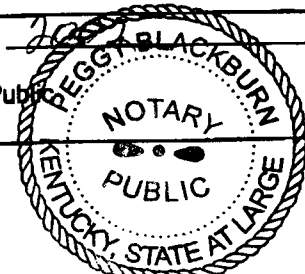
Company Official Signature Joe M Lycan

Company Official (Typed or Printed) JOE M. LYCAN

Company Official Title President

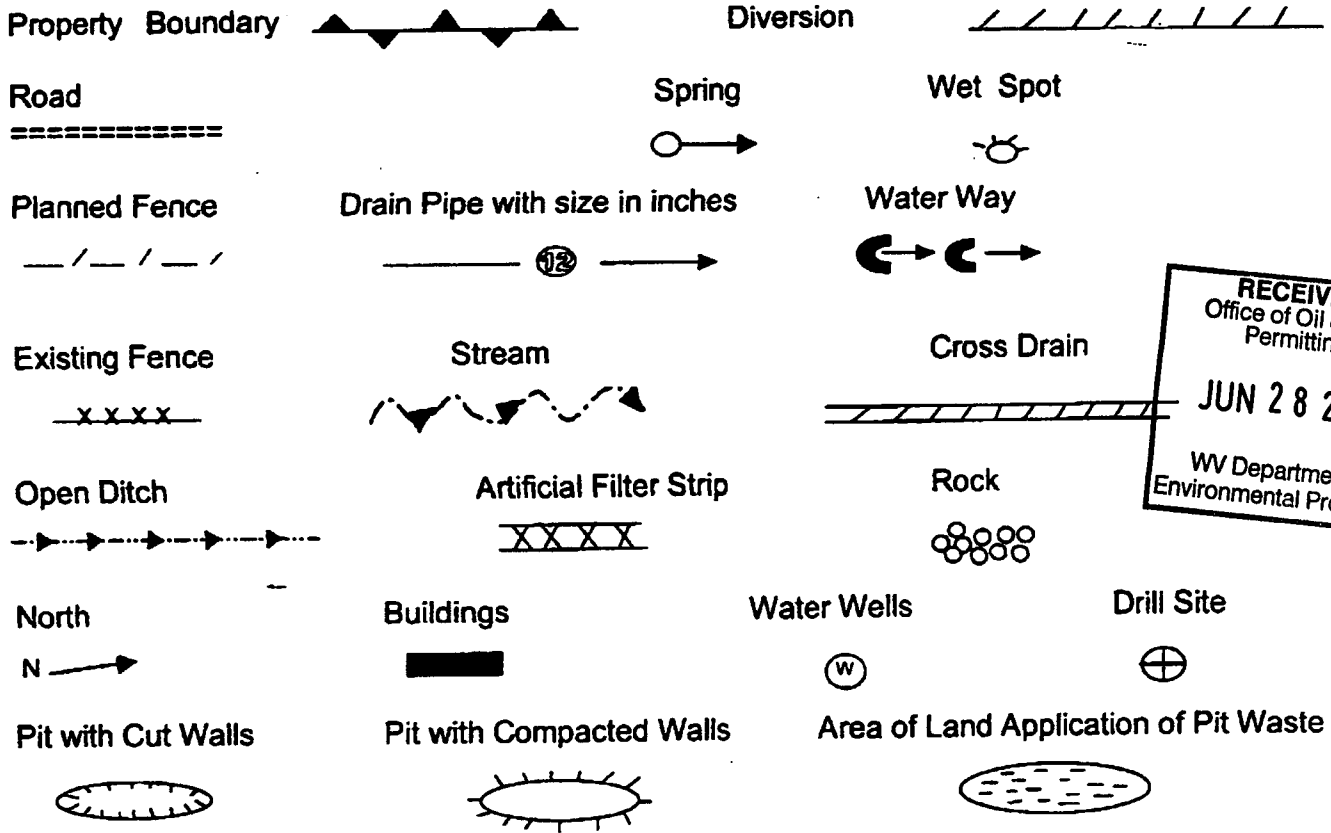
Subscribed and sworn before me this 26th day of June, 2002

My Commission Expires January 13, 2005  
Notary Public



99-02068

**LEGEND**



RECEIVED  
Office of Oil & Gas  
Permitting  
JUN 28 2002  
WV Department of  
Environmental Protection

Proposed Revegetation Treatment: Acres Disturbed \_\_\_\_\_ Prevegetation pH \_\_\_\_\_  
 Lime 2 Tons/acre or to correct to pH will correct to inspectors instructions  
 Fertilizer (10-20-20) or equivalent 500 Lbs/acre (500 lbs minimum)  
 Mulch Hydroseed W Paper Mulch Tons/acre or hydroseed

**SEED MIXTURES**

Area I		Area II	
Seed Type	Lbs/acre	Seed Type	Lbs/acre
Red Clover	4		
Rye	15		
Red Fescue	30		
KY 31	50		

**ATTACH:**

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

Plan approved by: Mary Saites by AS (phone)

Title: \_\_\_\_\_ Date: 7/24/02

Field Reviewed?  Yes  No

TIMBER STACKING AREA

PIT CUT WALLS WILL BE LINED

⊕ DRILL SITE

BRUSH STACKING AREA

99-02068

AREA FOR OVERFLOW PIT IF NEEDED

AREA FOR LAND APP. OF PIT WASTE

OLD ROAD TO BE UP GRADED

EXISTING FENCE

Tributary to Hammonds Cr

RECLAMATION PLAN  
HAZEL LYCAN # 1  
GEOEX INC.

RECEIVED  
Office of Oil & Gas  
Permitting  
JUN 28 2002  
WV Department of  
Environmental Protection

Hammonds Cr

STRAW BALES

ACCESS AND SITE VIRTUALLY LEVEL

AREA TO BE ROCKED LEAVING COUNTY ROAD

BIG SANDY RIVER ROAD

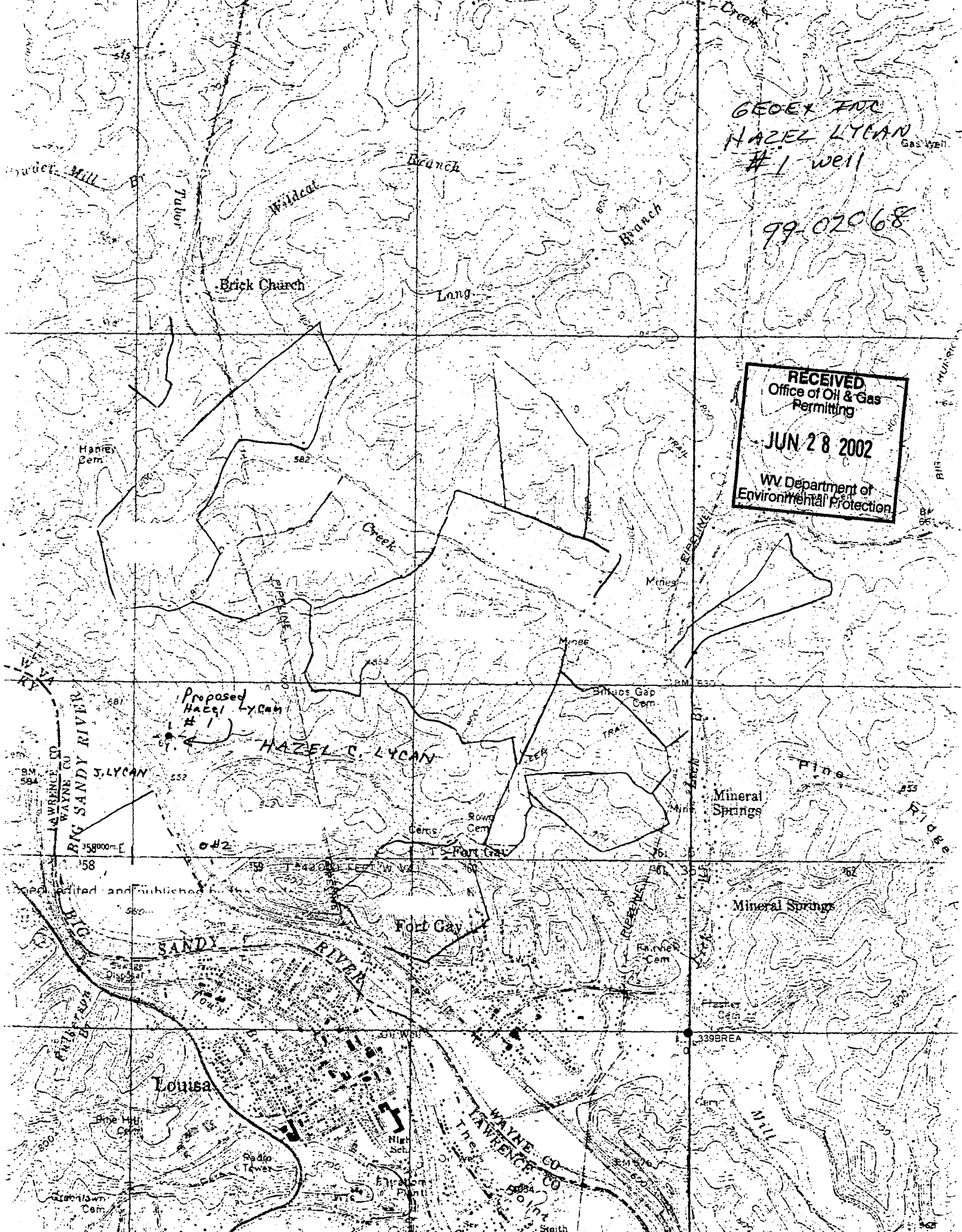
N+W RAILROAD



GEOEX FOR  
HAZEL LYCAN  
#1 well

99-02068

RECEIVED  
Office of Oil & Gas  
Permitting  
JUN 28 2002  
WV Department of  
Environmental Protection



Proposed  
Hazel Lycan  
#1

HAZEL C. LYCAN

Louisa

Fort Gay

Mineral Springs

Mineral Springs

WAYNE CO  
LAWRENCE CO

2  
15  
2584

9-01-00

API # 99-2068  
Operator: Geox  
Well #/Name: Lycan 1  
Reviewed By: GCS

### CHECK LIST FOR FILING A PERMIT

#### I. New Drill

- ~~WW-2B~~
- ~~WW-2B signed off by inspector \*~~
- ~~WW-2A~~
- ~~Surface Owner Waiver~~
- ~~Coal Owner/Lessee/Operator Waiver~~
- ~~WW-2A (1) including page and book and royalty percentage~~
- ~~WW-2B (1) (If there are sources to be tested - we need names, addresses and location on topo listed as water testing)~~
- ~~WW-9 (page 1 and 2)~~
- ~~7/24/02 Inspector Signature on WW-9\*~~
- ~~Reclamation Plan \*No distances or slope~~
- ~~Mylar Plat~~
- ~~Topography Map of the proposed location~~
- ~~Certified Mail Receipts or affidavit of personal service~~
- ~~Bond~~
- ~~A check for \$450.00~~
- ~~Workers Comp/Employ. OK~~

*None listed? Call them*

*Waiver*

#### II. Re-Work, Frac and Drill Deeper Permits

- WW-2B
- WW-2B signed off by inspector
- WW-2A
- Surface Owner Waiver
- Coal Owner/Lessee/Operator Waiver
- WW-2A (1) including book and page and royalty percentage.
- WW-9 (page 1 and 2)
- Inspector Signature on WW-9
- Reclamation Plan
- Mylar Plat
- Topography Map of location for the well and pit
- Certified Mail Receipts or affidavit of person service
- Completion/Well Records of previous work
- Bond
- A check for \$350.00 if no pit \$250.00
- Workers Comp/Employ. OK

99-02068

### SURFACE OWNER WAIVER

Operator's Well Number Hazel Lyeon #1

#### INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

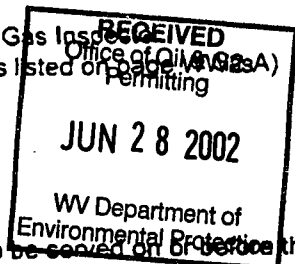
The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. 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 Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

#### WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas  
Division of Environmental Protection  
#10 McJunkin Road  
Nitro, WV 25143  
(304) 759-0514

OR District Oil and Gas Inspector  
(Name and address listed on page WW2-A)



Time Limits and methods for filing comments. The law requires these materials to be served on you by 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 Chief's office by the time stated above. You may call the Chief'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, 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 Chief 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 22, 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 Chief.

List of Water Testing Laboratories. The Office 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 Chief to obtain a copy.

#### VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through \_\_\_ including a work order on Form WW2-B, 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 on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

X Hazel Lyeon Date 5-20-02  
Signature

Name \_\_\_\_\_  
By \_\_\_\_\_  
Its \_\_\_\_\_ Date \_\_\_\_\_  
Signature \_\_\_\_\_ Date \_\_\_\_\_

99-02068

**COAL OPERATOR, OWNER, OR LESSEE WAIVER**

Operator's Well Number Hazel Lycin #1

**INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE**

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office.

**WAIVER**

The undersigned coal operator \_\_\_ / owner  / lessee \_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 5-28-2002

By: Hazel Lycin  
Its OWNER

*This coal is not being mined or leased and is owned fee simple by Hazel Lycin,  
J. M. Lycin*

**RECEIVED**  
Office of Oil & Gas  
Permitting  
**JUN 28 2002**  
WV Department of  
Environmental Protection