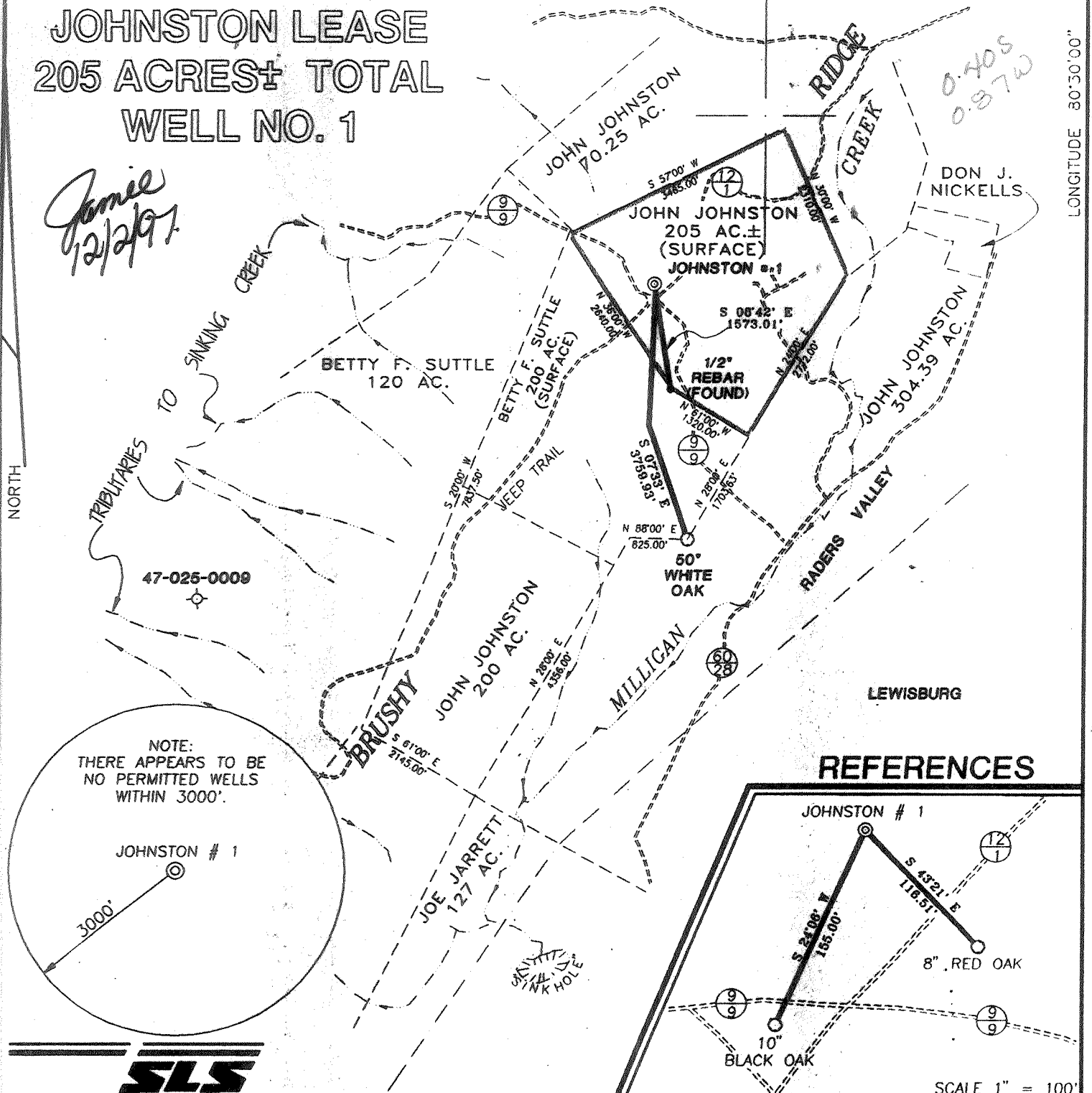


JOHNSTON LEASE 205 ACRES± TOTAL WELL NO. 1

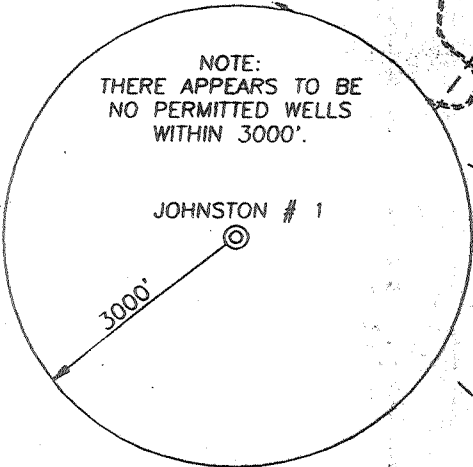
*Jamie
12/2/97*

*0.405
0.870*

NORTH



47-025-0009



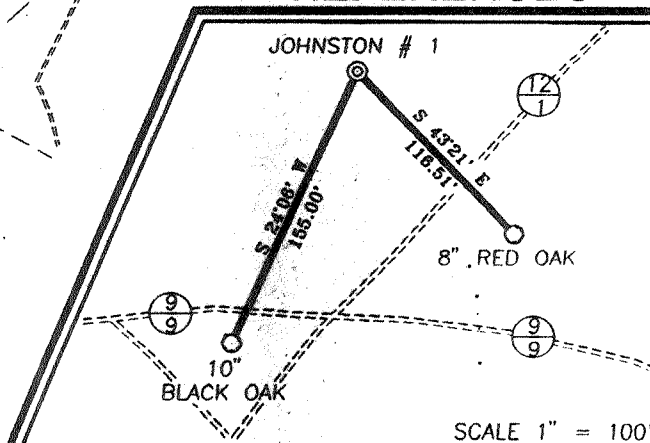
NOTE:
THERE APPEARS TO BE
NO PERMITTED WELLS
WITHIN 3000'.

JOHNSTON # 1

3000'

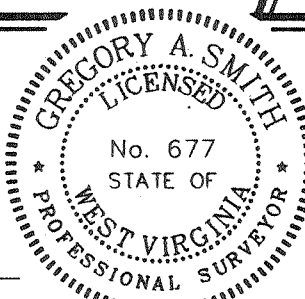
SLS

REFERENCES



SCALE 1" = 100'

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.



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

DATE NOVEMBER 24, 19 97

OPERATORS WELL NO. JOHNSTON # 1

API WELL NO. 47 - 025-00030
STATE COUNTY PERMIT

P.S. Gregory A. Smith
677

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3842P1 (60-69)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 2503' SCALE 1" = 2000'

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



WELL TYPE : OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION :
ELEVATION 2481' WATERSHED MILLIGAN CREEK
DISTRICT WILLIAMSBURG COUNTY GREENBREIR QUADRANGLE CORNSTALK 7.5'

SURFACE OWNER JOHN JOHNSTON ACREAGE 205
ROYALTY OWNER JOHN JOHNSTON LEASE ACREAGE 205

PROPOSED WORK : LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION NEWBURG
ESTIMATED DEPTH 7600'

WELL OPERATOR TERM ENERGY CORPORATION DESIGNATED AGENT LEROY BAKER
ADDRESS 713 EAST MAIN ST., HARRISVILLE, WV 26362 ADDRESS 713 EAST MAIN ST. HARRISVILLE, WV 26362

DEEP WELL 7-0

DEC 05 1997

COUNTY NAME PERMIT

WR-35

02-Dec-97
API # 47- 25-00030

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

Well Operator's Report of Well Work

Farm name: JOHNSTON, JOHN R. Operator Well No.: JOHNSTON 1

LOCATION: Elevation: 2,481.00 Quadrangle: CORNSTALK

District: WILLIAMSBURG County: GREENBRIER
Latitude: 2070 Feet South of 37 Deg. 55Min. 0 Sec.
Longitude 4580 Feet West of 80 Deg. 30 Min. 0 Sec.

Company: TERM ENERGY CORP.
713 EAST MAIN STREET
HARRISVILLE, WV 26362-0000

Agent: LEROY BAKER

Inspector: RODNEY DILLON
Permit Issued: 12/02/97
Well work Commenced: 12/22/97
Well work Completed: 1/31/98
Verbal Plugging
Permission granted on: 1/30/98
Rotary Cable _____ Rig
Total Depth (feet) 7808'
Fresh water depths (ft) 186', 287',
418', 1763', 1912', 2088', 3031'
Salt water depths (ft) 5100'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13 3/8"	352.80'	352.80'	CTS
9 5/8"	2602'	2602'	CTS

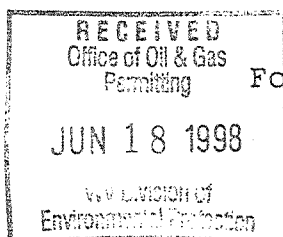
Is coal being mined in area (Y/N)? N
Coal Depths (ft): 309'

OPEN FLOW DATA

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

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/c
Final open flow _____ MCF/d Final open flow _____ Bbl/c
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: TERM ENERGY CORP.

By: Leroy Baker
Date: 2-6-98

JUN 29 1998
0030

<u>Well Log</u>	<u>Top</u>	<u>Bottom</u>	<u>Water</u>
Sd, Sh, & RR	0	309'	2½" @ 186'
Coal	309'	311'	3" - 4" @ 287'
Sand & Shale	311'	5120'	Damp @ 418'
Marcellus Sh	5120'	6680'	3" @ 1763'
Huntersville Chert	6680'	6764'	4" @ 1912'
Oriskany	6764'	6790'	1" @ 2088'
Helderburg Lime	6790'	7661'	1" @ 3031'
Newburg	7661'	7738'	½" @ 5100'-5200'
Lime	7738'	7808'	

Well was determined to be a dry hole and was plugged on 1/31/98.

Permission was granted on 1/30/98 by Rodney Dillion. (WV DEP Oil & Gas Inspector)

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

- 1) Well Operator: 886 TERM Energy Corporation 49105 (0) 306
- Operator's Well Number: Johnston # (3) Elevation: 2481
- Well type: (a) Oil / or Gas X /
- (b) If Gas: Production X / Underground Storage /
Deep X / Shallow /
- Proposed Target Formation(s): Newburg
- Proposed Total Depth: 7,600 feet
- 7) Approximate fresh water strata depths: N/A
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
- 11) Proposed Well Work: Drill and stimulate new well
- 12)

ISSUED 12/02/97
EXPIRES 12/02/99
RECEIVED
WV Division of
Environmental Protection
NOV 25 1997
Permitting
Office of Oil & Gas

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	16"	J-55	75#	30'	30'	30CS/811.3
Fresh Water	13 3/8	J-55	37#	300'	300'	CTS
Coal						30CS/18-112.2
Intermediate	9 5/8	J-55	36#	2,600'	2,600'	CTS
Production	4 1/2	N-80	11.6#	7,550'	7,550'	1800 cu ft
Tubing						30CS/811.1
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
(Type)

24654

16427
38

RECEIVED
WV Division of
Environmental Protection
11/2 1997
Permitting
Office of Oil & Gas

1) Date: November 20, 1997
2) Operator's well number
Johnston #1
3) API Well No: 47 - 025 - 0030
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: 5) (a) Coal Operator:
(a) Name John R. Johnston Name N/A
Address Rt 5 Box 16 HC 40 Address _____
Lewisburg, WV 24901
(b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name _____
Address _____
(c) Name _____ Name _____
Address _____ Address _____
6) Inspector _____ (c) Coal Lessee with Declaration
Address _____ Name _____
Address _____
Telephone (304)- _____

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 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)

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 22 of the West Virginia Code. Well work permits are valid for 24 months.

OFFICIAL SEAL
NOTARY PUBLIC, STATE OF WEST VIRGINIA
JEAN FREELAND
Rt. 2, Box 2
Smithville, WV 26178
My Commission Expires March 8, 1999

Well Operator TERM Energy Corporation
By: Leroy Baker
Its: Designated Agent
Address 713 E Main Street
Harrisville, WV 26362
Telephone 304-643-4500

Subscribed and sworn before me this 19 day of November, 19 97

Jean Freeland Notary Public
My commission expires March 8, 1999.



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

December 2, 1997

Division of Environmental Protection
Office of Oil and Gas
Nitro, West Virginia

Re: Application for Permit #47-025-00030 to drill deep well.

COMPANY: Term Energy Corporation

FARM: John Johnston #1

COUNTY: Greenbrier DISTRICT: Williamsburg QUAD: Cornstalk

The application of the above company is Approved for Newburg.
(Approved or Disapproved)

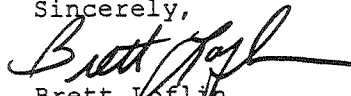
Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; **yes**

2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of operator and; **none**

3.) Provided a plat showing that the proposed location is a distance of **650** feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,


Brett Loflin
Engineer

Clatsburg EC

0.405

0870