

Janie 5/31/88

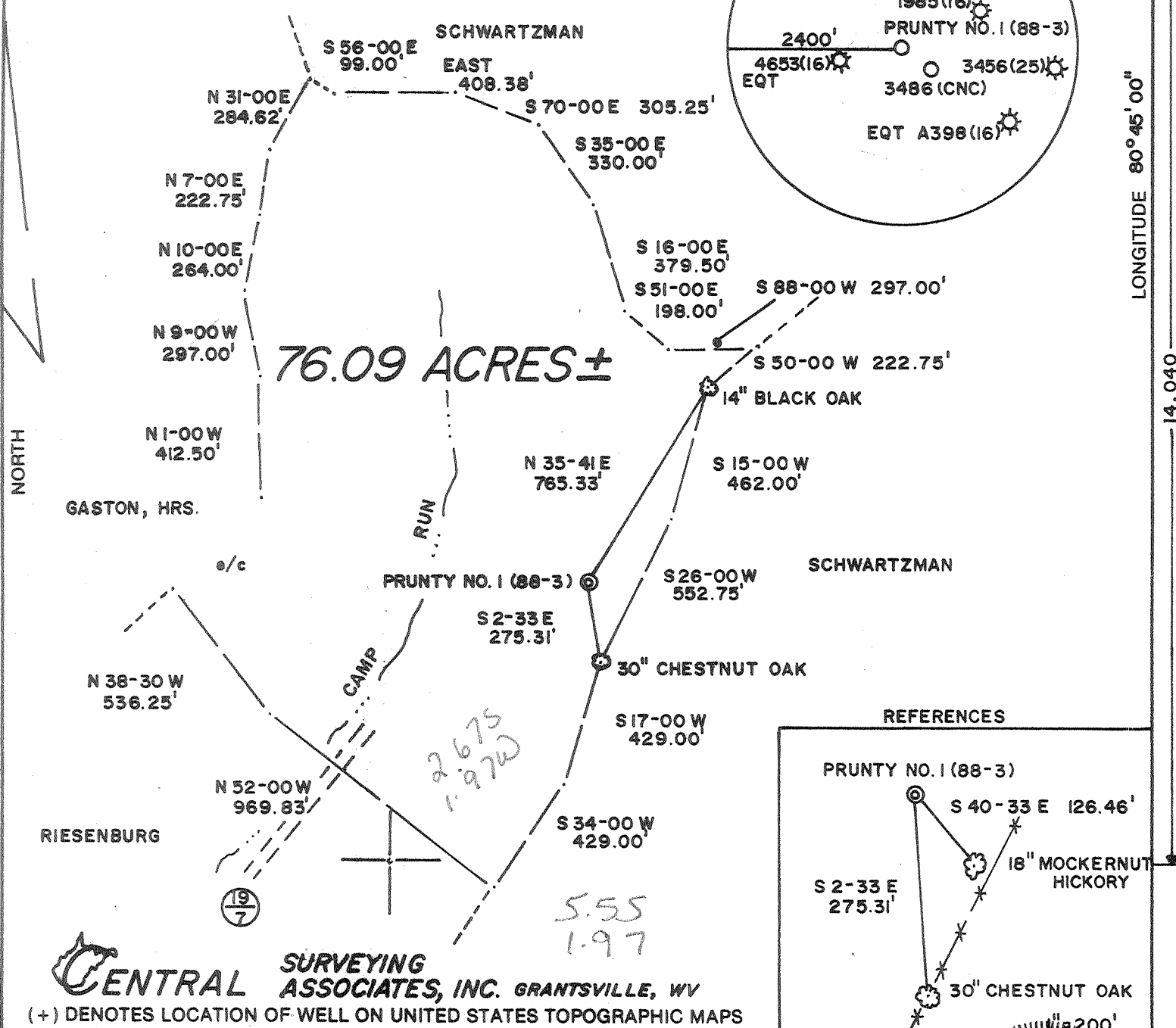
10,410'

LATITUDE 39° 12' 30"

PRUNTY LEASE WELL NO. 1 (88-3)

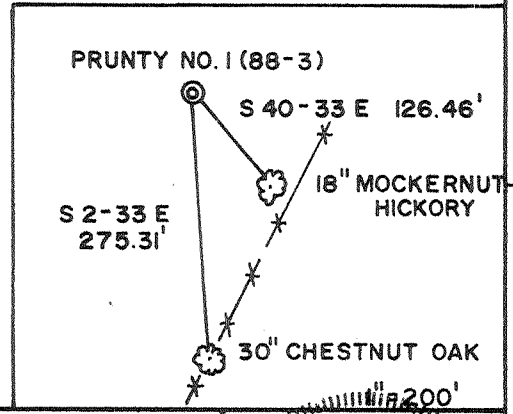
LONGITUDE 80° 45' 00"

14,040'



76.09 ACRES ±

REFERENCES

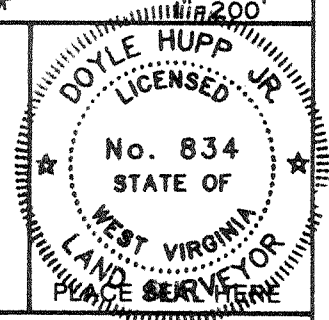


CENTRAL SURVEYING ASSOCIATES, INC. GRANTSVILLE, WV

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

FILE NO. (2-10) 30
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. 1425'

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) Doyle Hupp Jr.
 R.P.E. _____ L.L.S. 834



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE MAY 19, 19 88
 OPERATOR'S WELL NO. PRUNTY NO. 1 (88-3)
 API WELL NO. _____

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X
 LOCATION: ELEVATION 1228' WATERSHED CAMP RUN

DISTRICT SOUTHWEST COUNTY DODDRIDGE
 QUADRANGLE OXFORD 7.5' Holbrook NE

SURFACE OWNER MYRTLE MARIE PRUNTY ACREAGE 76.09
 OIL & GAS ROYALTY OWNER MYRTLE MARIE PRUNTY LEASE ACREAGE 76.09
 LEASE NO. _____

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) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5320'

WE Term Energy Corporation
 AD 713 E. Main Street
Harrisville, wva. 26362-0

DESIGNATED BY Jean Freeland, agt.
 ADDRESS Same Address
 PH: 304-643-4500

JUL 24 1994

COUNTY NAME Dodd

PERMIT 3642

FORM WW-6 H.T. HALL 48673

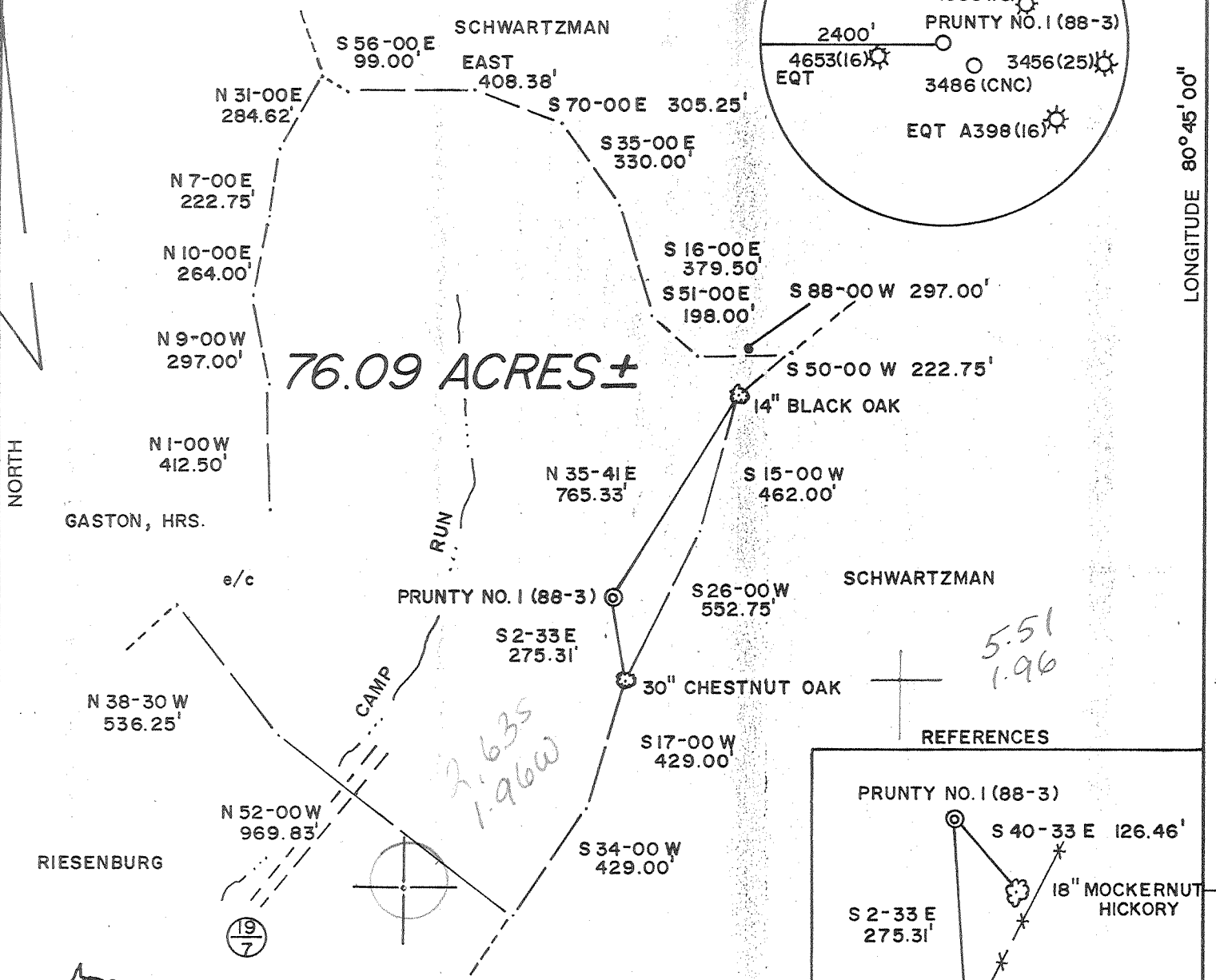
Janie 5/31/88

10,410'

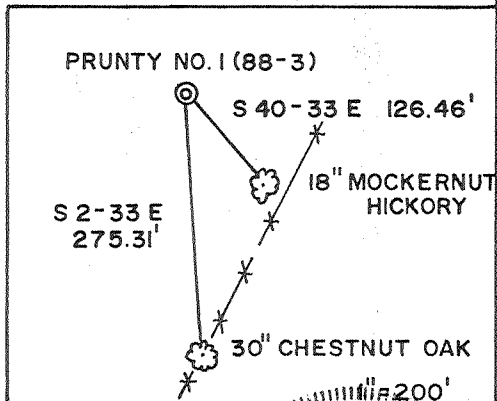
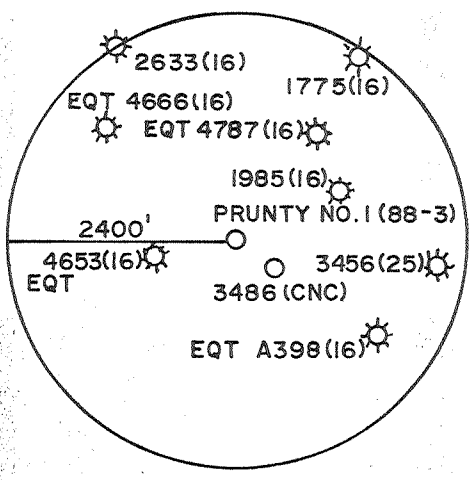
15

PRUNTY LEASE WELL NO. 1 (88-3)

LATITUDE 39° 12' 30"



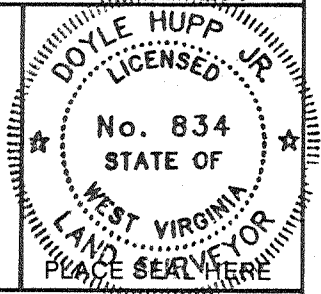
76.09 ACRES ±



CENTRAL SURVEYING ASSOCIATES, INC. GRANTSVILLE, WV
 (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. (2-10) 30
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. 1425'

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) Doyle Hupp Jr.
 R.P.E. _____ L.L.S. 834



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE MAY 19, 19 88
 OPERATOR'S WELL NO. PRUNTY NO. 1 (88-3)
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1228' WATERSHED CAMP RUN
 DISTRICT SOUTHWEST 7 COUNTY DODDRIDGE
 QUADRANGLE OXFORD 7.5' 526 058 3 Holbrook NE
 SURFACE OWNER MYRTLE MARIE PRUNTY ACREAGE 76.09
 OIL & GAS ROYALTY OWNER MYRTLE MARIE PRUNTY LEASE ACREAGE 76.09
 LEASE NO. _____

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) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5320'
 WELL OPERATOR TERM ENERGY CORP DESIGNATED AGENT KATHY JARVIS
 ADDRESS 110 NORTH SPRING ST. HARRISVILLE, WV 26362 ADDRESS 110 NORTH SPRING ST. HARRISVILLE, WV 26362

G-6 Straight Fork - Bluestone Creek (133)

JUN 3 1988

FORM WW-6

COUNTY NAME PERMIT



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

SEP 09 1994

Well Operator's Report of Well Work

Permitting
Farm Office Oil & Gas PRUNTY, MYRTLE

Operator Well No.: PRUNTY #1

LOCATION: Elevation: 1,228.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 14040 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 10410 Feet West of 80 Deg. 45 Min. 0 Sec.

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

Agent: JEAN FREELAND

Inspector: MIKE UNDERWOOD
Permit Issued: 06/21/94
Well work Commenced: 08/16/94
Well work Completed: 08/30/94
Verbal Plugging
Permission granted on:
Rotary Cable Rig
Total Depth (feet) 5120 actual
Fresh water depths (ft) 1473
Salt water depths (ft) None

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement Fill Up Cu. Ft.
Rows include sizes 11 3/4", 8 5/8", and 4 1/2" with corresponding drilling and well lengths.

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

OPEN FLOW DATA

Producing formation: Alexander, Leopold, Benson Pay zone depth (ft) 5004-5229
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow 84 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure 190 psig (surface pressure) after 24 Hours & Weir
Comingled Production
Second producing formation: Bradford, Balltown Pay zone depth (ft) See back
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow 225 MCF/d Final open flow show Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure 600 psig (surface pressure) after 22 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: Jean Freeland
TERM ENERGY CORP.
By: Designated Agent
Date: Sept 9, 1994
SEP 17 1994

PRUNTY

08-24-94

PERFORATED:	BRADFORD	4464 - 4473;	8 HOLES .39
	BALLTOWN	4040 - 4042.5;	6 HOLES .39
	WEIR	2232 - 2317;	18 HOLES .39

SET SMALL MOUTH FRAC PLUG AT 4506'
SET WIDE MOUTH FRAC PLUG AT 2334'

TWO STAGE ENERGIZE WATER FRAC

- BRADFORD/BALLTOWN: MAX TR PRESS 3550; AVG RATE 27; AVG PRESS 2576;
15,000# 20/40; MAX CONC 2; TOTAL ACID 500 GAL; ISIP
1200; 5 MIN SIP 1080; TOTAL NITROGEN 60,000 SCF;
TOTAL FLUIDS 469 BBLs.
- WEIR: MAX TR PRESS 2900; AVG RATE 28; AVG PRESS 2832;
40,000# 20/40; MAX CONC 4; TOTAL ACID 500 GAL; ISIP
1750; 5 MIN SIP 1500; TOTAL NITROGEN 90,000 SCF;
TOTAL FLUIDS 602 BBLs.

8-23-94

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: PRUNTY, MYRTLE Operator Well No.: PRUNTY 1 (88-3)

LOCATION: Elevation: 1228.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 14040 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 10410 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: TERM ENERGY CORP.
110 N. SPRING ST.
HARRISVILLE, WV

Asent: KATHY D. JARVIS

Inspector: MIKE UNDERWOOD

Permit Issued: 05/31/88

Well work Commenced: 6/12/88

Well work Completed: 6/27/88

Verbal Plussins

Permission granted on: _____

Rotary Cable _____ Rig

Total Depth (feet) 5432'

Fresh water depths (ft) _____

1473'

Salt water depths (ft) _____

None

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

Coal Depths (ft): _____

Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4	17'	0	
8-5/8	1351'	1351'	340 sacks
4-1/2	5309'	5309'	204 sacks
2-3/8		5120'	

RECEIVED
AUG 08 1988

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

5153-5229

OPEN FLOW DATA

Producing formation Alexander & Leopold Pay zone depth (ft) 5004-5009

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

Final open flow 750 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 1900 psig (surface pressure) after 24 Hours
4795-4806

Second producing formation Benson Stray & Benson Pay zone depth (ft) 4884-4887

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

Co-mingled production

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.

AUG 12 1988

For: Kathy D. Jarvis
TERM ENERGY CORP.

By: Kathy D. Jarvis, Agent

Date: 6/29/88

6/27/88 Perforated Alexander 5153-5229, 20 holes, .39
 Leopold 5004-5009, 3 holes, .39
 Benson 4884-4887, 4 holes, .39
 Benson stray 4795-4806, 10 holes, .39

2 state foam frac:
 - Alexander & Leopold; Max TR Press 3000, Ave rate 24, Ave Press 3000#,
 80,000# 20/40; 4500# 80/100, Max Conc 4½, Total acid 750 gal, ISIP 1420,
 Total nitrogen 569,305 SCF, Total fluid 329 bbls
 - Benson & Benson stray; Max TR Press 3000, Ave rate 24, Ave Press 2900#,
 45,000# 20/40, 4500# 80/100, Max Conc 3½, SIP 1220 5 min, Total nitrogen
 523,490 SCF, Total fluid 641 bbls

WELL LOG

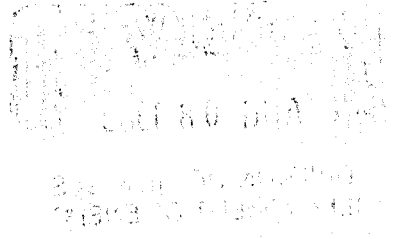
Sand, Shale and RR
 Little Lime
 Shale
 Big Lime
 Sand and Shale
 Big Injun
 Sand and Shale

0-1890
 1890-1913
 1913-1920
 1920-2091
 2091-2115
 2115-2132
 2132-5432

LOG TOPS ✓

Big Lime
 Big Injun
 Weir
 Berea
 Gordon
 Warren
 Balltown
 Riley
 Benson Stray
 Benson
 Leopold
 ✓ Alexander

1914-1988
 1988-2084
 2223-2337
 2423-2428
 2646-2650
 3286-3416
 4025-4109
 4450-4498
 4794-4804
 4883-4890
 5002-5010
 5128-5230



RECEIVED
 AUG 08 1988

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

ANT

017-3642 Issued 5/31/88
 Expired 5/31/90

FORM WW-2B

Page ___ of ___

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

- 1) Well Operator: 886 TERM Energy Corporation 49105, 7, 525
- 2) Operator's Well Number: Prunty #1 (88-3) 3) Elevation: 1228'
- 4) Well type: (a) Oil ___ / or Gas X /
 (b) If Gas: Production X / Underground Storage ___ /
 Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): Alexander 439
- 6) Proposed Total Depth: 5320' feet
- 7) Approximate fresh water strata depths: 100 feet @ 219'
- 8) Approximate salt water depths: None @ 998'
- 9) Approximate coal seam depths: None @ 309' - 312' possibly
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work:
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	11-3/4		42	30		380SR18-11.3
Fresh Water	8-5/8		20-13 [#]	1350'	1350' <i>Concrete to 1350'</i>	380SR18-11.2 STS
Coal						
Intermediate						
Production	4-1/2		10.5	5320'	5320' <i>O.K. 11-11-85 5-25-85</i>	380SR18-11.1 360SKS
Tubing	2-1/2		4.6		4700'	
Liners						

RECEIVED
 MAY 27 1988

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

Fee(s) paid: 15 Well Work Permit 15 Reclamation Fund 15 WPCP
 Plat 15 WW-9 15 WW-2B 15 Bond 50 Blanket Agent

(Type)

1117
 09305
 15

RECEIVED
MAY 27 1988

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: _____
2) Operator's well number
Prunty #1 (88-3)
3) API Well No: 47 - 017 - 3642
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 Myrtle Prunty
Address Route 1, PO Box 171-A
West Union, W.V. 26456
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Mike Underwood
Address Rt 2, Box 114
Salem WV 26426
Telephone (304)- _____

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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 TERM ENERGY CORPORATION
By: Kathy D. Jarvis, Office Manager
Its: Agent
Address 110 North Spring Street
Harrisville WV 26362
Telephone 304-643-4500

Subscribed and sworn before me this 27th day of May, 1988

Denna L. Rogers
My commission expires 8/7/94

OFFICIAL SEAL
NOTARY PUBLIC
Notary Public
STATE OF WEST VIRGINIA
DENNA L. ROGERS
Rt. 2, Box 117A
Pennsboro, West Virginia 26415
My Commission Expires 8-7-94

017-3642-Frac.
Issued 06/21/94

Expired 06/21/96

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

19328

Well Operator: Term Energy Corporation ⁸⁸⁶ 49105 (7) 526

Operator's Well Number: Prunty #1 3) Elevation: 12281

Well type: (a) Oil ___ / or Gas XY

(b) If Gas: Production XY / Underground Storage ___
Deep ___ / Shallow XX

433

5) Proposed Target Formation(s): Bradford, Balltown, WEir

6) Proposed Total Depth: 5309 actual feet

7) Approximate fresh water strata depths: 100' and 219'

8) Approximate salt water depths: 1473'

9) Approximate coal seam depths: None

10) Does land contain coal seams tributary to active mine? Yes ___ / No X /

11) Proposed Well Work: Set Bridge plug at 3900', perf & squeeze cement from 3890' to

2100'.; Set small mouth frac plug at 4500', frac Bradford and Balltown, Set

12) wide mout frac plug at 2340'. Frac weir. Comingle with lower production.

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4"	J-55	42#	17'	0	
Fresh Water	8 5/8"	J-55 I-55	20# 23#	1150' 231'	1150' 231'	CTS 340 sks <i>Stick Run</i>
Coal						
Intermediate						
Production	4 1/2"	J-55 J-55	11.6# 10.5#	84' 5236'	84' 5236'	3914 204 sks
Tubing						
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

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

Plat WW-9 WW-2B Bond CC Agent

2/19

Environmental Protection
JW
[Handwritten marks]

1) Date: May 31, 1994
2) Operator's well number
Prunty #1
3) API Well No: 47 - 017 - 3642F
State - County - Permit

STATE OF WEST VIRGINIA
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 Myrtle Prunty
Address Rt. 1 Box 171A
West Union, WV 26456
(b) Name _____
Address _____
(c) Name _____
Address _____

5) (a) Coal Operator:
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name N/A
Address _____
Name _____
Address _____

6) Inspector Mike Underwood
Address Rt. 2 Box 135
Salem, WV 26426
Telephone (304)- _____

(c) Coal Lessee with Declaration
Name N/A
Address _____

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 Term Energy Corporation
By: Jean Freeland Jean Freeland
Its: Designated Agent
Address 713 E. Main St.
Harrisville, WV 26362
Telephone (304) 643-4500



OFFICIAL SEAL
Notary Public, State of West Virginia
MICHAEL B. RING
Rt. 2, Box 31
Harrisville, W. Va. 26362

My Commission Expires September 21, 1998

Subscribed and sworn before me this 31 day of May, 1994

[Signature]
Notary Public
My commission expires Sept 21, 1998