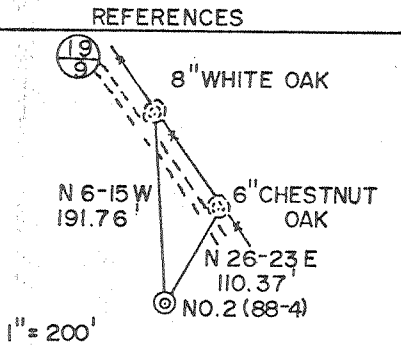
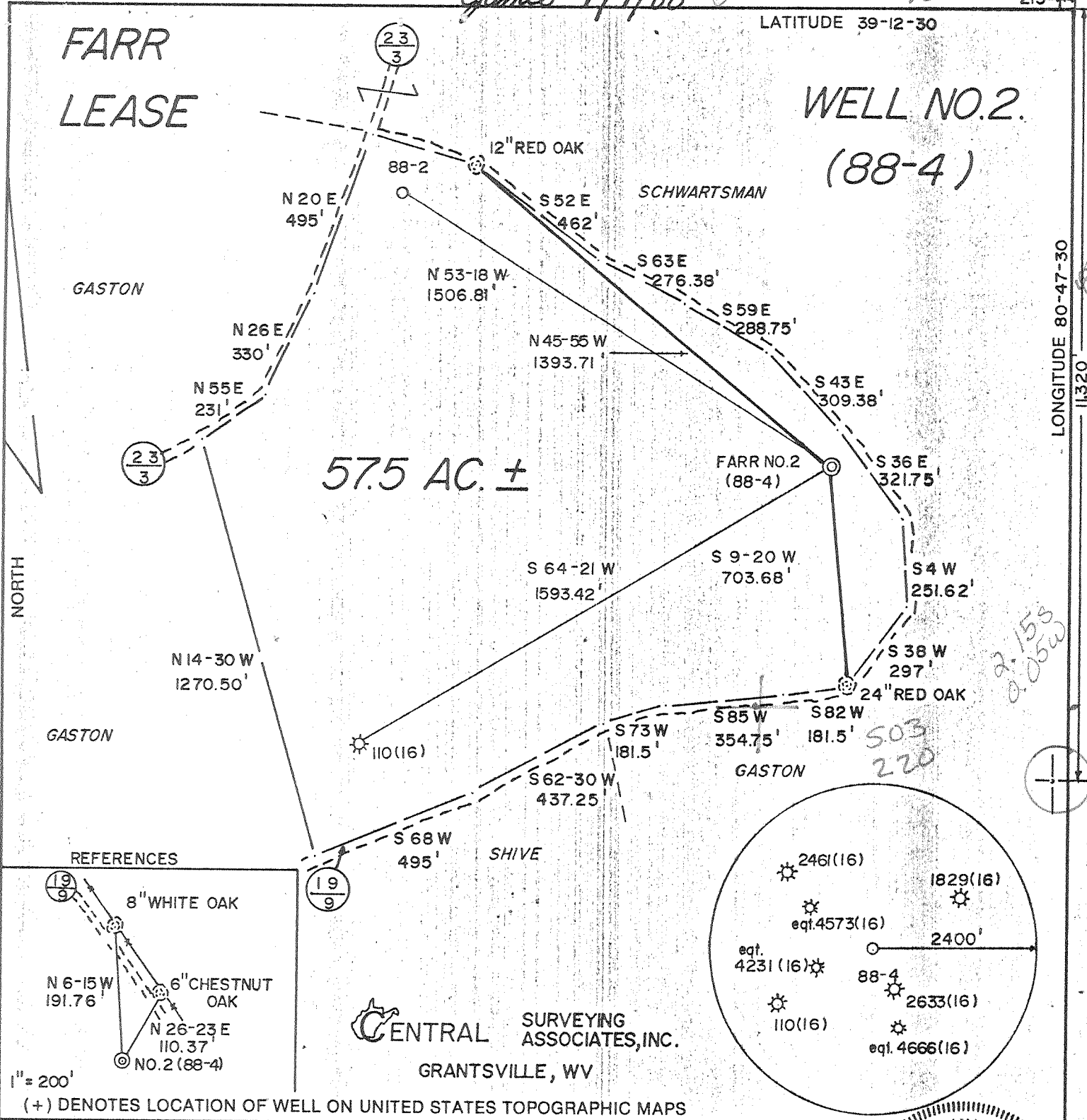


James 1/1/88

15

FARR
LEASE

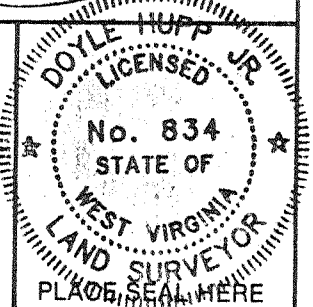
WELL NO.2.
(88-4)



CENTRAL SURVEYING ASSOCIATES, INC.
 GRANTSVILLE, WV

FILE NO. (2-12) 28
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 ELEV. 1308'

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 17, 19 88
 OPERATOR'S WELL NO. FARR NO. 2 (88-4)
 API WELL NO. 47-017-3651

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1185' WATER SHED UPPER RUN
 DISTRICT SOUTHWEST COUNTY DODDRIDGE
 QUADRANGLE OXFORD 7.5' 526 058 3 Holbrook NE

SURFACE OWNER MARIA HRUSCOV ACREAGE 57.5
 OIL & GAS ROYALTY OWNER CAROLYN FARR, et. al. LEASE ACREAGE 57.5
 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 5250'
 WELL OPERATOR TERM ENERGY CORP. DESIGNATED AGENT KATHY JARVIS
 ADDRESS 110 N. SPRING ST. HARRISVILLE, WV 26362 ADDRESS 110 N. SPRING ST. HARRISVILLE, WV 26362

66 straight fork-Bluestone Creek (133)

FORM WW-6
H.T. HALL 58673

COUNTY NAME
PERMIT

RECEIVED
NOV 07 1988

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

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Well Operator's Report of Well Work

Farm name: HRUSCOV, MARIE Operator Well No.: FARR 2 88-4

LOCATION: Elevation: 1185.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 11320 Feet South of 39 Des. 12Min. 30 Sec.
Longitude 215 Feet West of 80 Des. 47 Min. 30 Sec.

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

Asent: KATHY D. JARVIS

Permit Issued: 07/08/88
Well work Commenced: 7/16/88
Well work Completed: 7/29/88
Verbal Plussing
Permission granted on:
Rotary Cable Ris
Total Depth (feet) 5240'
Fresh water depths (ft) 155'
Salt water depths (ft) None
Is coal being mined in area (Y/N)?
Coal Depths (ft):

Casing & Tubing Size	Used in Drillings	Left in Well	Cement Fill Cu. Ft.
11-3/4"	17'	0	
8-5/8"	1308'	1308'	315 Sks
4-1/2"	5195'	5195'	225 Sks
2-3/8"		5090'	

OPEN FLOW DATA

Producing formation Alexander & Leopold Pay zone depth (ft) 4974-4976
5112-5167
 Gas: Initial open flow 810 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 1475 psis (surface pressure) after 14 Hours

Second producing formation Benson Stray & Benson Pay zone depth (ft) 4732-4744
4823-4824
 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 _____ psis (surface pressure) after _____ Hours
 Production Co-mingled

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: Kathy D. Jarvis
TERM ENERGY CORP.

By: Kathy D. Jarvis, Agent
Date: 8-1-88

7-28-88 Perforated Alexander 5112-5167, 20 holes, .39
 Leopold 4974-4976, 3 holes, .39
 Benson 4823-4824, 3 holes, .39
 Benson Stray, 4732-4744, 10 holes, .39

2 stage water frac with nitrogen assist:

Alexander & Leopold, Max TR Press 2175; Ave Rate 24.5; Ave Press 2000; 62,000# 20/40;
 5,000# 80/100; Max Conc 5, Total Acid 500 gal, ISIP 1100, Total Nitrogen 68,000 Scf,
 Total Fluid 729

Benson & Benson Stray, Max TR Press 2200; Ave Rate 24.5; Ave Press 1950; 62,000# 20/40;
 5,000# 80/100; Max Conc 5, Total Acid 500 gal, ISIP 1125, 5 min, SIP 1000; Total Nitrogen
 68,000 Scf, Total Fluid 615

WELL LOG

Sand, Shale, RR	0-1800 1/2" stream 155'
Little Lime	1800-1845
Pencil Cave	1845-1852
Big Lime	1852-1926
Big Injun	1926-2004
Sand and Shale	2004-5245

LOG TOPS ✓

Big Lime	1845-1917
Big Injun	1917-1997
Weir	2144-2260
Berea	2344-2350
Gordon	2574-2578
Warren	3214-3349
Balltown	3956-4045
Riley	4388-4436
Benson Stray	4731-4748
Benson	4821-4827
Leopold	4973-4978
✓ Alexander	5066-5169

RECEIVED
 NOV 07 1988

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

NOV 10 1988

7214

017-3651

Issued 7/8/88 Expired 7/8/91

FORM WW-2B

Page ___ of ___

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

49105, 7, 525

- 1) Well Operator: TERM Energy Corporation
- 2) Operator's Well Number: Farr No. 2 (88-4) 3) Elevation: 1185'
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): Alexander, Benson, Riley
- 6) Proposed Total Depth: 5250' feet
- 7) Approximate fresh water strata depths: 200'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work: Drill & Free New Well
- 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	11 3/4		42	30	0	
Fresh Water	8 5/8		20 23	965 320	1285	CTS 38CSR18-11.3
Coal						
Intermediate						38CSR18-11.1
Production	4 1/2		11.6 10.5	84 5166	5250	235 secto
Tubing	2 1/2				5075 5000	COVER Enjin
Liners						

RECEIVED
JUN 14 1988

PACKERS : Kind _____
Sizes _____
Depths set _____

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

7214

Fee(s) paid: 12.11 Well Work Permit 12.11 Reclamation Fund 12.11 WPCP

12.11 Bond 50 Blanket 12.11 Agent

RECEIVED
JUN 14 1988

Page 1 of _____
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1)
2)
3)

Date: June 13, 1988
Operator's well number
Farr NO. 2 (88-4)
API Well No: 47 - 017 - 3651
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 Maria Hruscov
Address 1596 Elmwood Avenue
Lakewood OH 44107
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Michael 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 13th day of June, 1988
Denise L. Rogers
My commission expires 8/7/94 Notary Public