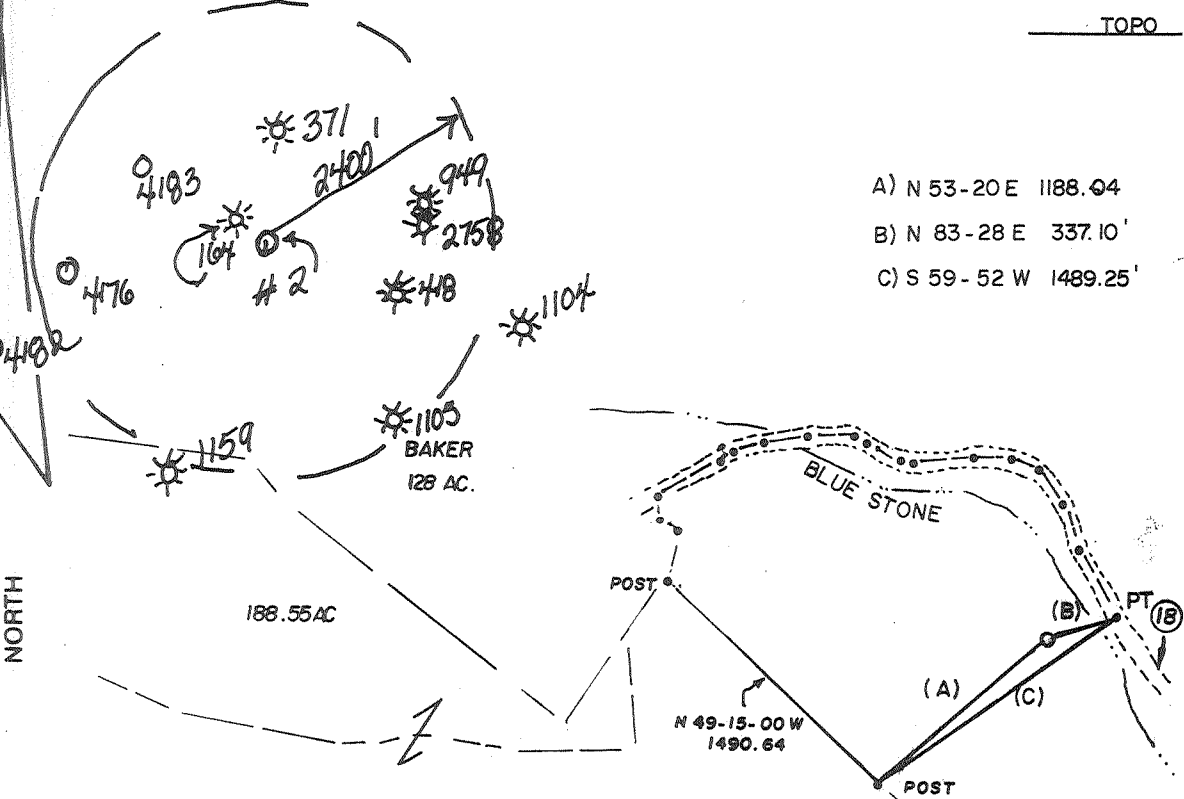


LEASE. *Janice 3/2/95*
C. FARR TRUST

GRIBBLE / FARR # 2

LATITUDE 39-17-30

TOPO SPOT



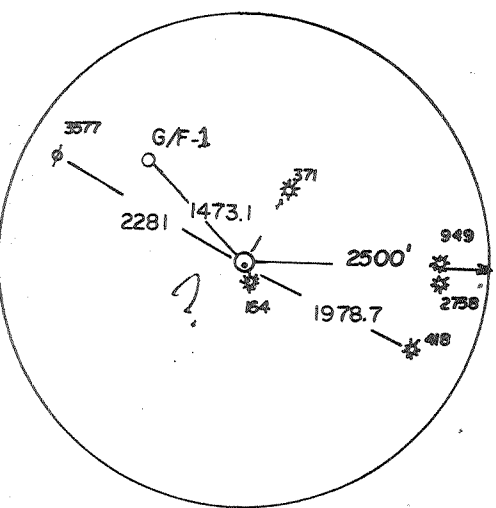
*0.455
0.65W*

- A) N 53-20 E 1188.04
- B) N 83-28 E 337.10'
- C) S 59-52 W 1489.25'

NORTH

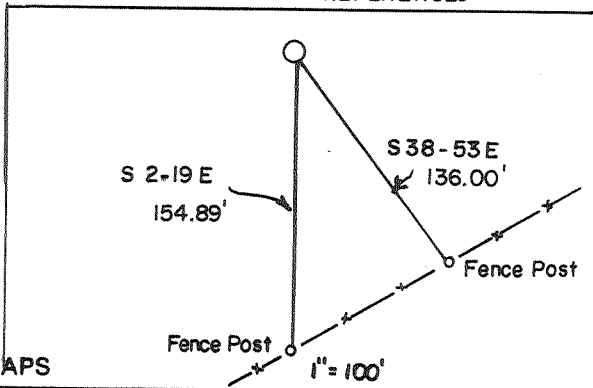
188.55 AC

"E" PROPERTIES LTD.
115 AC +/-



*333,
065*

REFERENCES



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION BM=792 AT NE END OF RR BRIDGE

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) *Robert J. Jarvis*
 R.P.E. _____ L.L.S. 800

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE MARCH 10, 19 95
 OPERATOR'S WELL NO. 2
 API WELL NO. _____

47 017 4188
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 828 WATERSHED BLUESTONE CREEK
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE WEST UNION *SE*

SURFACE OWNER CAROLYN FARR TRUST ACREAGE 44
 OIL & GAS ROYALTY OWNER CAROLYN FARR TRUST LEASE ACREAGE 44

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 ALEXANDER ESTIMATED DEPTH 5500'
 WELL OPERATOR RARE EARTH MINERALS, INC. DESIGNATED AGENT SAM SPATAFORE
 ADDRESS P.O. BOX 390, CLARKSBURG WV ADDRESS P.O. BOX 390, CLARKSBURG WV 26302

00-54-08 EQUITIGNOT

Doddridge COUNTY NAME PERMIT

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

Well Operator's Report of Well Work

Farm name: FARR, CAROLYN TRUST Operator Well No.: GRIBBLE.FARR #2

LOCATION: Elevation: 828.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
Latitude: 2400 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 3550 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: RARE EARTH MINERALS, INC.
507 BALTIMORE AVE., P.O. BX 390
CLARKSBURG, WV 26302-0390

Agent: SAMUEL S. SPATAFORE, II

Inspector: MIKE UNDERWOOD
Permit Issued: 03/20/95
Well work Commenced: 3/20/95
Well work Completed: 3/31/95
Verbal Plugging
Permission granted on: N/A
Rotary Cable Rig
Total Depth (feet) 5250
Fresh water depths (ft) 45'
Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13-3/8	30'	---	None
9-5/8	814'	814'	CTS 342 ft. ³
4-1/2	---	5126'	2610' 620 ft. ³

OPEN FLOW DATA

Comingled

Producing formation Alexander, Benson, Riley Pay zone depth (ft) 3006-5034
Gas: Initial open flow 800 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 1400 psig (surface pressure) after _____ Hours

Second producing formation Bradford, Warren Pay zone depth (ft) _____
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

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: RARE EARTH MINERALS, INC.

By: 

Date: 4-18-95

ALEXANDER PERFORATED FROM 4968-5034 WITH 17 HOLES
WATER FRAC WITH 35,000# OF 20/40 SAND AND 5,000# OF 80/100 SAND
AT 30 BPM USING 407 BBL OF WATER AND 500 GAL 15% HCL ACID

BENSON, RILEY, BRADFORD PERFORATED FROM 3832-4704 WITH 13 HOLES
WATER FRAC WITH 20,000# OF 20/40 SAND AND 5,000# OF 80/100 SAND
AT 25 BPM USING 331 BBL OF WATER AND 500 GAS 15% HCL ACID

WARREN PERFORATED FROM 3006-3190 WITH 15 HOLES
WATER FRAC WITH 25,000# OF 20/40 SAND AND 5,000# OF 80/100
AT 25 BPM USING 363 BBL OF WATER AND 500 GAL 15% HCL ACID

DRILLERS LOG

Sand & Shale & RR	0-715		
White Sand	715-785	1/4	STREAM WATER @ 45'
Shale & Sand	785-982		
Sand	982-1054		
Shale	1054-1570		
Dark Shale	1570-1575		
Shale & Sand	1575-1612		
Lime & Shale	1612-1655		
Big Lime	1655-1737		
Sand	1737-1816		
Sand & Shale	1816-4695		
Benson	4695-4705		
Sand & Shale	4705-5250	TD	
TD	5250		

E-LOG TOPS

BIG LIME	1650-1720
INJUN	1720-1820
WARREN	3000-3237
BRADFORD	4220-4300
BENSON	4694-4738
ALEXANDER	4942-5040
TD	5255

MAR 20 1995

017-4188

Issued 03/20/95
Expired 03/20/97

FORM WW-2B

Permitting STATE OF WEST VIRGINIA
Office of ~~Oil and Gas~~ OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Rare Earth Minerals, Inc. ⁷⁴⁰ (8) 671 40900
- 2) Operator's Well Number: Gribble/Farr #2 3) Elevation: 828
- Well type: (a) Oil x/ or Gas x/
- (b) If Gas: Production x/ Underground Storage /
Deep / Shallow x/
- Proposed Target Formation(s): Alexander ⁴³⁹
- Proposed Total Depth: 5500 feet
- Approximate fresh water strata depths: 80 - 120
- 8) Approximate salt water depths: 1600
- 9) Approximate coal seam depths: 0
- 10) Does land contain coal seams tributary to active mine? Yes / No x/
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	11-3/4"		47 lb.	30'		
Fresh Water						<u>o.k. MU.</u>
Coal						
Intermediate	<u>8 5/8"</u>	<u>9 5/8</u>	20 lb.	810'	810'	CTS 15% Excess
Production	4-1/2"		10 1/2 lb.	-	5450'	CTS 15% Excess
Tubing						<u>38CSR18-11.1</u>
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

12/2/95

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

Plat WW-9 WW-2B Bond Blanket Agent

(Type)

RECEIVED
WV Division of
Environmental Protection

MAR 20 1995

- 1) Date: 12-16-94
- 2) Operator's well number
Gribble/Farr #2
- 3) API Well No: 47 - 017 - 4188
State - County - Permit

Permitting
Office of Oil & Gas
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 Carolyn E. Farr Trust
Address c/o Clarence E. Sigley, Trustee
P. O. Box 307, West Union, WV 26456
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name None
Address _____
 - (b) Coal Owner(s) with Declaration
 - Name None
Address _____
 - Name None
Address _____
 - (c) Coal Lessee with Declaration
 - Name _____
Address _____
- 6) Inspector Mike Underwood
Address Rt. 2, Box 135
Salem, WV 26426
Telephone (304)-782-1043

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
X 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 8 on the above named parties, by:
X 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 Rare Earth Minerals, Inc.
 By: _____
 Its: Designated Agent
 Address P. O. Box 390
Clarksburg, WV 26302-0390
 Telephone 622-4001

Subscribed and sworn before me this 16th day of December, 1994

 My commission expires Sept. 28, 2001

