

4800

LATITUDE 39 17 30

1850

LEASE: C. FARR TRUST

GRIBBLE / FARR # 1

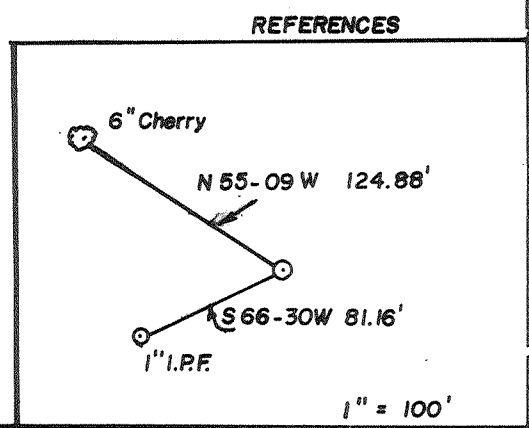
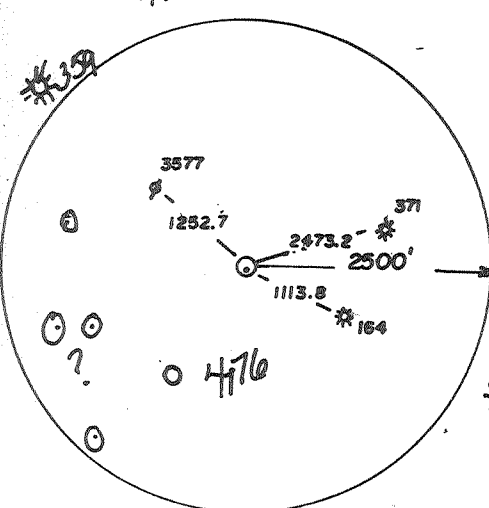
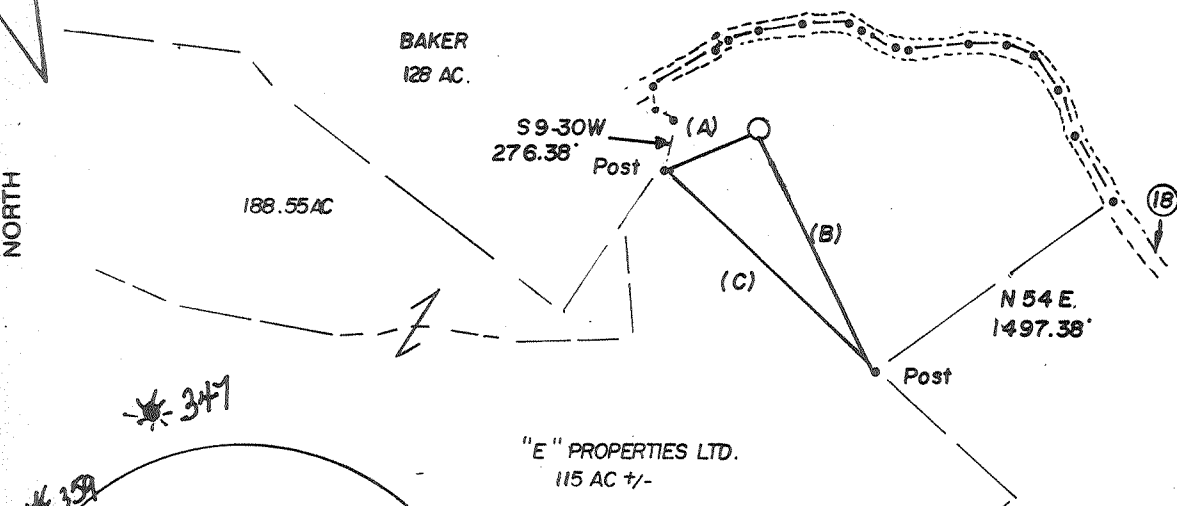
TOPO SPOT

Jamie
2/21/95

0.335
0.90W

- (A) N 58-30-00E 525.61'
- (B) S 28-44-40E 1428.95'
- (C) N 49-15-00W 1498.64'

80 45 00
LONGITUDE



(+) 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 R/R 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 A. David

R.P.E. _____ L.L.S. 800

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE OCTOBER 19 94

OPERATOR'S WELL NO. Gribble / Farr #1

API WELL NO. 47 017 4183

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____

(IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW

LOCATION ELEVATION 894 WATERSHED BLUESTONE CREEK

DISTRICT WEST UNION COUNTY WOODRIDGE

QUADRANGLE WEST UNION 415 SW

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

Docu:ridge
COUNTY NAME
PERMIT

6-6 99

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

Well Operator's Report of Well Work

Farm name: FARR, CAROLYN E. TRUST Operator Well No.: GRIBBLE/FARR #1

LOCATION: Elevation: 894.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
Latitude: 1850 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 4800 Feet West of 80 Deg. 45 Min. 0 Sec.

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

Agent: SAMUEL S. SPATAFORE, II

Inspector: MIKE UNDERWOOD
Permit Issued: 02/21/95
Well work Commenced: 3/13/95
Well work Completed: 3/27/95
Verbal Plugging
Permission granted on: N/A
Rotary Cable Rig
Total Depth (feet) 5243'
Fresh water depths (ft) 47', 75'
Salt water depths (ft) None

Size	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13-3/8		30'	---	None
9-5/8		881'	881'	CTS 330 ft. 3
4-1/2		---	5195'	2425' 640 ft. 3

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

OPEN FLOW DATA

Comingled

Producing formation Alexander, Benson, Riley Pay zone depth (ft) 3066-5044
Gas: Initial open flow 500 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 1150 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 4976-5044 WITH 15 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 3855-4720 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 3066-3212 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	0-932	4 INCH STREAM OF WATER @ 47'
Sandy Shale	932-1380	1 INCH STREAM OF WATER @ 75'
Sand	1380-1432	
Shale	1432-1550	
Hard Sand	1550-1594	
Shale & Sand	1594-1662	
Big Lime	1662-1756	
Sand	1756-1795	
Sand & Shale	1795-4705	
Benson	4705-4720	
Sand & Shale	4720-5243	TD
TD	5243	

E-LOG TOPS

BIG LIME	1670-1744
INJUN	1744-1864
WARREN	3050-3250
BRADFORD	4236-4320
BENSON	4710-4750
ALEXANDER	4960-5054
TD	5251

017-4183 issued 02/21/95

FORM WW-25EB 17 1995

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 Office of Oil & Gas WELL WORK PERMIT APPLICATION

Expires 02/21/97

671

Well Operator: ⁷⁴⁰ Rare Earth Minerals, Inc. ⁴⁰⁹⁰⁰ (8) 40900

Operator's Well Number: Gribble/Farr #1 3) Elevation: 894

Well type: (a) Oil x/ or Gas x/
 (b) If Gas: Production x/ Underground Storage /
 Deep / Shallow x/

5) Proposed Target Formation(s): ⁴³⁹ Alexander -

6) Proposed Total Depth: 5500 feet

7) 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 and Stimulate New Well

12)

CASING AND TUBING PROGRAM

TYPE	SIZE	SPECIFICATIONS	FOOTAGE INTERVALS	CEMENT	
	Size	Grade	Weight per ft. For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11-3/4"		47 lb.	30	0
<u>Fresh Water</u>					
Coal					
Intermediate	8-5/8"		20 lb.	870	870
Production	4-1/2"		10 1/2 lb.		5450
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 Blanket Agent

1222
 8

RECEIVED
WV Division of
Environmental Protection

FEB 17 1995

- 1) Date: 12-16-94
- 2) Operator's well number
Gribble/Farr #1
- 3) API Well No: 47 - 017 - 4183
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 Clarence E. Sigley, Trustee
P. O. Box 307, West Union, WV 26456
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 6) Inspector Mike Underwood
Address Rt. 2, Box 135
Salem, WV 26426
Telephone (304)-782-1043

- 5) (a) Coal Operator:
 - Name None
Address _____
 - (b) Coal Owner(s) with Declaration
 - Name None
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
 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: [Signature]
 Its: Designated Agent
 Address P. O. Box 390
Clarksburg, WV 26302-0390
 Telephone (304) 622-4001

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

[Signature]
My commission expires September 28, 2001

Notary Public
 OFFICIAL SEAL NOTARY PUBLIC
 STATE of WEST VIRGINIA
 ROBERT GARY HALL
 ROUTE 1, BOX 20
 WALKERSVILLE, WV 26447
 My Commission Expires Sept. 28, 2001