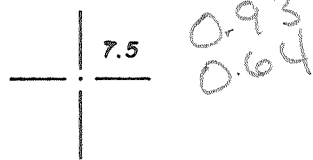
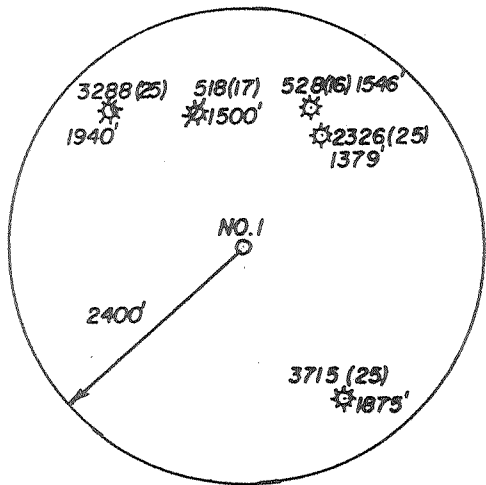


LATITUDE 39°17'30"

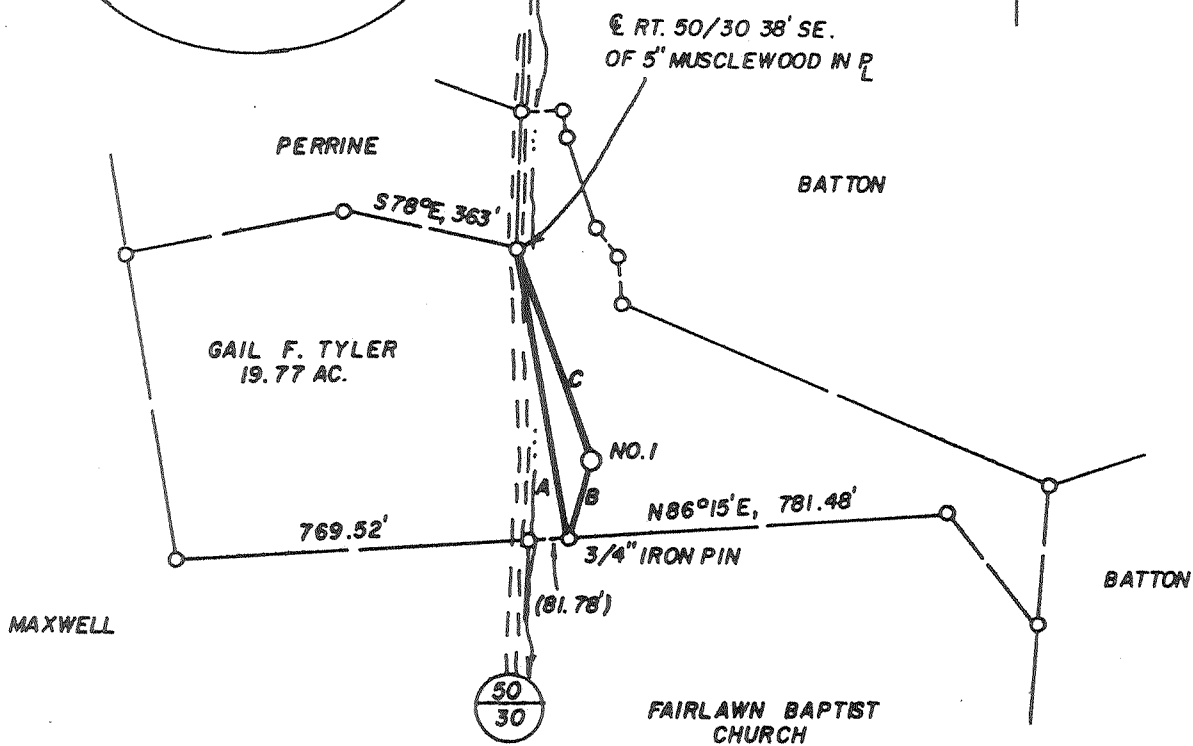
3420'

WELL REFERENCES:

N8°15'E, 121.65' TO UTIL. POLE 8/5-36
S26°30'W, 134' TO POST



LONGITUDE 80°47'30"



TIE LINES:

- A) S04°56'E, 583.27'
- B) N23°08'E, 159.64'
- C) N14°32'W, 448.69'

3.52
2.87

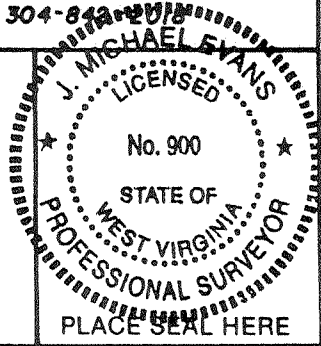
LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-843-2018

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION _____
 ELEC. LINE CROSSING OF ROUTE 50/30 AT ELEV. 848'

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) J. Michael Evans
 R.P.E. _____ L.L.S. NO. 900



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE OCTOBER 1, 19 91
 OPERATOR'S WELL NO. G.F. TYLER I
 API WELL NO. _____

47 - 017 - 3988
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 904' WATERSHED PRITCHARD RUN
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE WEST UNION WU SE

SURFACE OWNER GAIL F. TYLER ACREAGE 19.77
 OIL & GAS ROYALTY OWNER GAIL F. TYLER, ET. AL. LEASE ACREAGE 19.77

PROPOSED WORK: DRILL X 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 ENERGY, INC. DESIGNATED AGENT BRIAN A. HALL
 ADDRESS P.O. BOX 172 ADDRESS P.O. BOX 172

666 CLARKSBURG, WV 26301 Smithton-Flint-Sedalia (099) CLARKSBURG, WV 26301

COUNTY NAME DODDRIDGE PERMIT 3988

WR-35
RECEIVED
 WV Division of
 Environmental Protection
 APR 30 83

18-OCT-92
 API # 47- 17-03988

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

Well Operator's Report of Well Work

REC'D
 Office
 MAY 2 5 83
 WV Division of
 Environmental Protection

Permitting
 Division of Oil & Gas
 Farm name: TYLER, GAIL F Operator Well No.: TYLER 1

LOCATION: Elevation: 904.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
 Latitude: 4900 Feet South of 39 Deg. 17Min. 30 Sec.
 Longitude 3420 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: RARE EARTH ENERGY, INC.
 P. O. BOX 172
 CLARKSBURG, WV 26301-0000

Agent: SAMUEL S. SPATAFORE

Inspector: MIKE UNDERWOOD
 Permit Issued: 10/16/92
 Well work Commenced: 10/20/92
 Well work Completed: 10/25/92
 Verbal Plugging
 Permission granted on: N/A
 Rotary x Cable _____ Rig
 Total Depth (feet) 5318
 Fresh water depths (ft) 81'
 Salt water depths (ft) none

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|--------------------------|
| 11 3/4 | 32' | 32' | GFS DRIVE |
| 8 5/8 | 1155' | 1155' | CTS 360ft ³ |
| 4 1/2 | | 5246' | 2746' 548ft ³ |
| | | | |
| | | | |

Is coal being mined in area (Y/N)? N
 Coal Depths (ft): 240-245'

OPEN FLOW DATA

Producing formation Alexander Riley Pay zone depth (ft) 5126'-4384'
 Gas: Initial open flow 2300 MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 1200 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 4 hrs Hours
 Static rock Pressure 1700 psig (surface pressure) after 72 Hours

Second producing formation Balltown, Bradford Pay zone depth (ft) 3990'-3228'
 Gas: Initial open flow comingle MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow comingle MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 4 hrs Hours
 Static rock Pressure comingle psig (surface pressure) after 72 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 ENERGY, INC.

Reviewed TM6
 Recorded _____

By: [Signature]
 Date: JUN 4 1993

PERFORATED INTERVALS

1st Stage - 5124 - 26 (3 shots), 5104-10 (7 shots), 5082-84 (3 shots)
 2nd Stage - 4762 - 64 (3 shots), 4754-56 (3 shots), 4398-4400 (3 shots)
 3rd Stage - 3986 - 90 (5 shots), 3776-80 (5 shots)
 4th Stage - 3352 - 56 (5 shots), 3228-32 (5 shots)

STIMULATION

1st Stage - 500 gal HCL acid, 460 BBL water, 30,900 # sand, 48,300 SCF N2
 2nd Stage - 500 gal HCL acid, 447 BBL water, 29,880 # sand, 50,004 SCF N2
 3rd Stage - 500 gal HCL acid, 449 BBL water, 28,280 # sand, 68,000 SCF N2
 4th Stage - 500 gal HCL acid, 543 BBL water, 26,400 # sand, 63,000 SCF N2

DRILLER FORMATIONS

| | <u>Color</u> | <u>Top</u> | <u>Btm</u> | |
|---------|--------------|------------|------------|--|
| Topsoil | Brown | 0 | 5 | |
| Shale | Brown | 5 | 30 | |
| Sand | Brown | 30 | 45 | |
| Shale | Gray | 45 | 70 | |

Water 81', 1/4" Stream

LOG FORMATIONS

| | | | | | |
|---------------------|-------------|------|--------|-------------|-----------------------|
| Red Rock, Sd, shale | Red, Gray | 70 | 240 | Little Lime | 1754 - 1820 |
| Coal | Black | 240 | 245 | Big Lime | 1820 - 1880 |
| Sand, Shale | Gray | 245 | 1528 | Injun | 1880 - 1966 |
| Sand | Brown | 1528 | 1544 | Weir | 2120 - 2230 |
| Sand, Shale | Gray | 1544 | 1604 | Beven | 2310 - 2330 |
| Little Lime | Gray | 1762 | 1767 | Balltown | 3190 - 3390 |
| Red Rock & Sand | Red | 1767 | 1793 | Bradford | 4350 - 4470 |
| Big Lime | Gray | 1793 | 1876 | Riley | 4610 - 4790 |
| Sand | Gray | 1876 | 1966 | Benson | 4810 - 4845 |
| Shale | Gray | 1966 | 2526 | Alexander | 5070 - 5155 |
| Sand | Black, Gray | 2526 | 2600 | | |
| Shale | Gray, Brown | 2600 | 5080 | | |
| Sitt, Shale | Gray | 5080 | 5318TD | Gas | 4542, 2/10 - 1" Water |
| | | | | | 4915, 2/10 - 1" Water |
| | | | | | TD, 2/10 - 1" Water |

DF - 424
 OPT - 439

14367