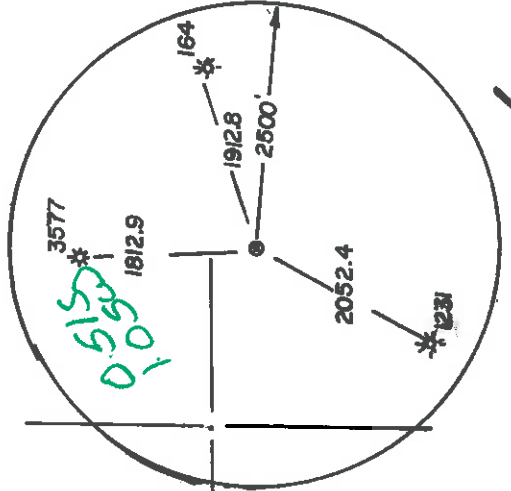


CHEUVRONT / FARR-2

LATITUDE 39-17-30

5500

LONGITUDE 80-45-00



HEFLIN
49 ac

SPURGEON
136 ac

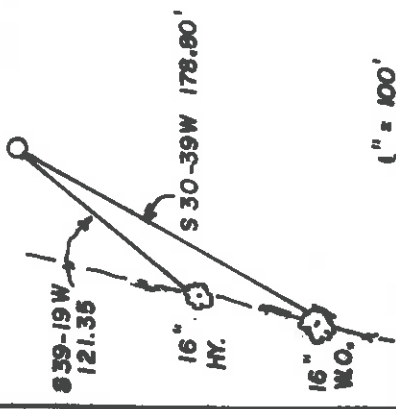
BAKER
128 AC

FARR
44 ac.

"E" PROPERTIES, LTD

(B) (C)

REFERENCES



- (A) S 68-51-50 W 332.02'
- (B) N 40-00-20 E 1776.34'
- (C) S 33-50-50 W 1494.18'

PIERCE
1498 ac.

3.395
1.050

(+) 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. Davis*

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. _____
API WELL NO. _____

47 017 04176
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP SHALLOW
 LOCATION: ELEVATION 961 WATER SHED BRUSHY FORK
 DISTRICT WEST UNION COUNTY DODDRIDGE

QUADRANGLE WEST UNION WVA 5K
 "E" PROPERTIES LTD.
 SURFACE OWNER C. FARR, TRUST LEASE ACREAGE 144
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE 144

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 240 ADDRESS P.O. BOX 390 CLARKSBURG WV

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: "E" Properties Ltd. Operator Well No.: Cheuvr/Farr #2

LOCATION: Elevation: 961.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
Latitude: 2750 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 5500 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: RARE EARTH MINERALS, INC.
507 BALTIMORE AVENUE
CLARKSBURG, WV 26302-0000

Agent: SAMUEL S. SPATAFORE

Inspector: MIKE UNDERWOOD
Permit Issued: 12/30/94
Well work Commenced: 3/6/95
Well work Completed: 3/20/95
Verbal Plugging
Permission granted on: N/A
Rotary Cable Rig
Total Depth (feet) 5251'
Fresh water depths (ft) 78'

Salt water depths (ft) 1420'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 65'-71'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Cu. Ft.
13-3/8	30'	---	None
9-5/8	974'	974'	CTS 354 ft.3
4-1/2	---	5143'	2500' 640 ft.3

OPEN FLOW DATA "Comingled"

Producing formation Alexander, Benson, Riley Pay zone depth (ft) 3067-5044
Gas: Initial open flow 750 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 1600 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

MAY 1 1995

ALEXANDER PERFORATED FROM 4976-5044 WITH 16 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 4280-4720 WITH 10 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 3067-3214 WITH 12 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	0-65	1/4 INCH STREAM OF WATER @ 78°
Coal	65-71	DAMP OF WATER @ 1420°
Sand & Shale & RR	71-1655	
Little Lime	1655-1660	
Shale & Sand	1660-1671	
Big Lime	1671-1724	
Sand	1724-1760	
Sand & Shale	1760-4705	
Benson	4705-4725	
Sand & Shale	4725-5251	TD
TD	5251	
E-LOG TOPS		
BIG LIME	1670-1753	
INJUN	1753-1890	
WARREN	3050-3250	
BRADFORD	4236-4320	
BENSON	4710-4750	
ALEXANDER	4960-5053	
TD	5280	