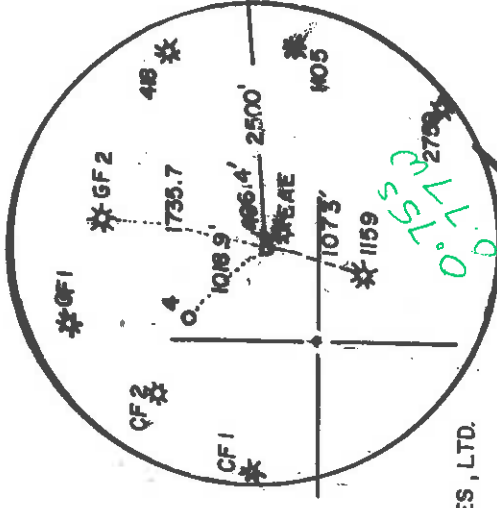


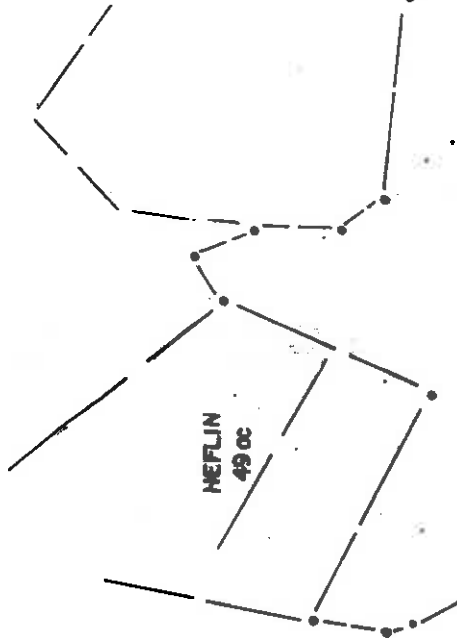
CHEVRONT / FARR # 5

LATITUDE 39-17-30

LONGITUDE 90-45-00



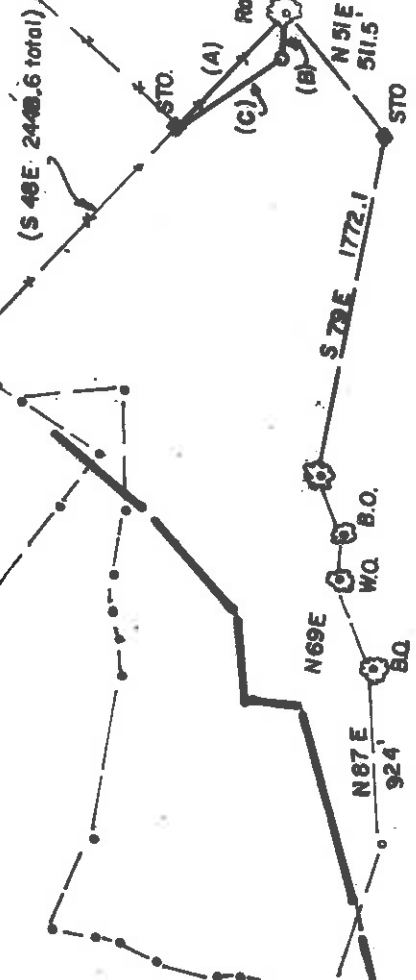
"E" PROPERTIES, LTD.



SPURGEON
136 ac

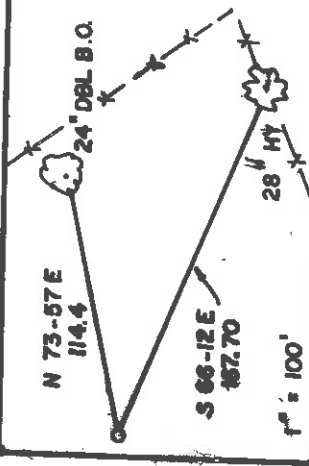
HEFLIN
49 ac

FARR
44 ac.



- (A) S 49-16 E 749.4'
- (B) N 86-17 W 195.6'
- (C) N 38-03 W 604.8'

PIERCE
1498 ac.



(+) 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 732 IN NE CORNER OF R/R BRIDGE ABUTMENT

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

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE OCTOBER 1, 1996
OPERATOR'S WELL NO. _____
API WELL NO. _____

47-017-04313
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 1096 WATER SHED _____ BRUSHY FORK _____
DISTRICT WEST UNION COUNTY PODDRIDGE

SURFACE OWNER "E" PROPERTIES LTD.
OIL & GAS ROYALTY OWNER C. FARR TRUST ACREAGE 144
LEASE NO. _____ LEASE ACREAGE 144

PROPOSED WORK: DRILL CONVERT 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 GORON ESTIMATED DEPTH 2800'
WELL OPERATOR RARE EARTH MINERALS, INC DESIGNATED AGENT SAM SPATAFORE
ADDRESS P.O. BOX 390, CLARKSBURG WV ADDRESS PO. BOX 390 CLARKSBURG WV

Doddridge
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: "E" PROPERTIES, LTD. Operator Well No.: Chevront/Farr #5

LOCATION: Elevation: 1096 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
Latitude: 4125 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 8050 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, I

Inspector: MIKE UNDERWOOD
Permit Issued: 10/1/96
Well work Comenced: 11-10-96
Well work Completed: 11-14-96
Verbal plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 2760
Fresh water depths (ft)

Salt water depths (ft) 1270

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 425

OPEN FLOW DATA

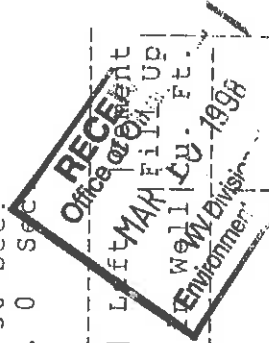
Producing formation Gordon Pay zone depth (ft) 2640 - 760
Gas: Initial open flow 50 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 320 psig (surface pressure) after Hours

Second producing formation
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: _____



Size	Casing & Tubing	Used in Drilling	Left in Well
9 5/8		30	
7" 5/8		1050	1050
4 1/2			2760

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Rare Earth Minerals, Inc. 40900 ~~8~~ 671
2) Operator's Well Number: Chevront/Farr #5 3) Elevation: 1096

4) Well type: (a) Oil X / or Gas X /
(b) If Gas: Production X / Underground Storage /
Deep / / Shallow X /
Issued 10/15/96
Expired 10/15/98

Proposed Target Formation(s): 419 Gordon

Proposed Total Depth: 2800 feet

Approximate fresh water strata depths: 80-100

Approximate salt water depths: 1500

9) ¹ 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	GRADE	WEIGHT per ft. drilling	FOR drilling	LEFT in well	FILL-up (cu. ft.)
Conductor	10"		47	30		
Fresh Water				38CS916.1.3		
Soal				38CS916.1.2.2		
Intermediate	7		17	1090	1090	CTS 15% Excess
Production	4 1/2		10.5		2750	CTS 15% Excess
Tubing						
Liners				38CS916.1		

PACKERS : Kind _____
Sizes _____
Depths set _____

RECEIVED
WV Division of
Environmental Protection

OCT 17 1996

FOR Office of Oil and Gas Use Only

Fee(s) paid: 17A Well Work Permit 17A Reclamation 17A WPCP
Plat 17A WW-9 17A Bond Blampart Agent
(Type)

22717

1) Date: 10-7-96
2) Operator's well number
Chevront/Farr No. 5
3) API Well No: 47 - 017 - 4313
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served: 5) (a) Coal Operator:

(a) Name "E" Properties LTD Name None
Address c/o David E. Bowyer Address None

P. O. Box 202

(b) Name West Union, WV 26456 (b) Coal Owner(s) with Declaration
Address (304) 782-2400 Name Name
Address Address

(c) Name Address Name Address

6) Inspector Mike Underwood (c) Coal Lessee with Declaration
Address Rt. 2, Box 135 Name None
Salem, WV 26426 Address Address
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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 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 22-6 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.

RECEIVED

Well Operator RARE EARTH MINERALS, INC. WV Division of Environmental Protection
By: Designated Agent
Address P. O. Box 390 OCT 11 1996
Clarksbure, WV 26302-0390

Telephone (304) 622-4001

Subscribed and sworn before me this 7th day of October, 1996 Office of Oil & Gas

My commission expires September 28, 2001

