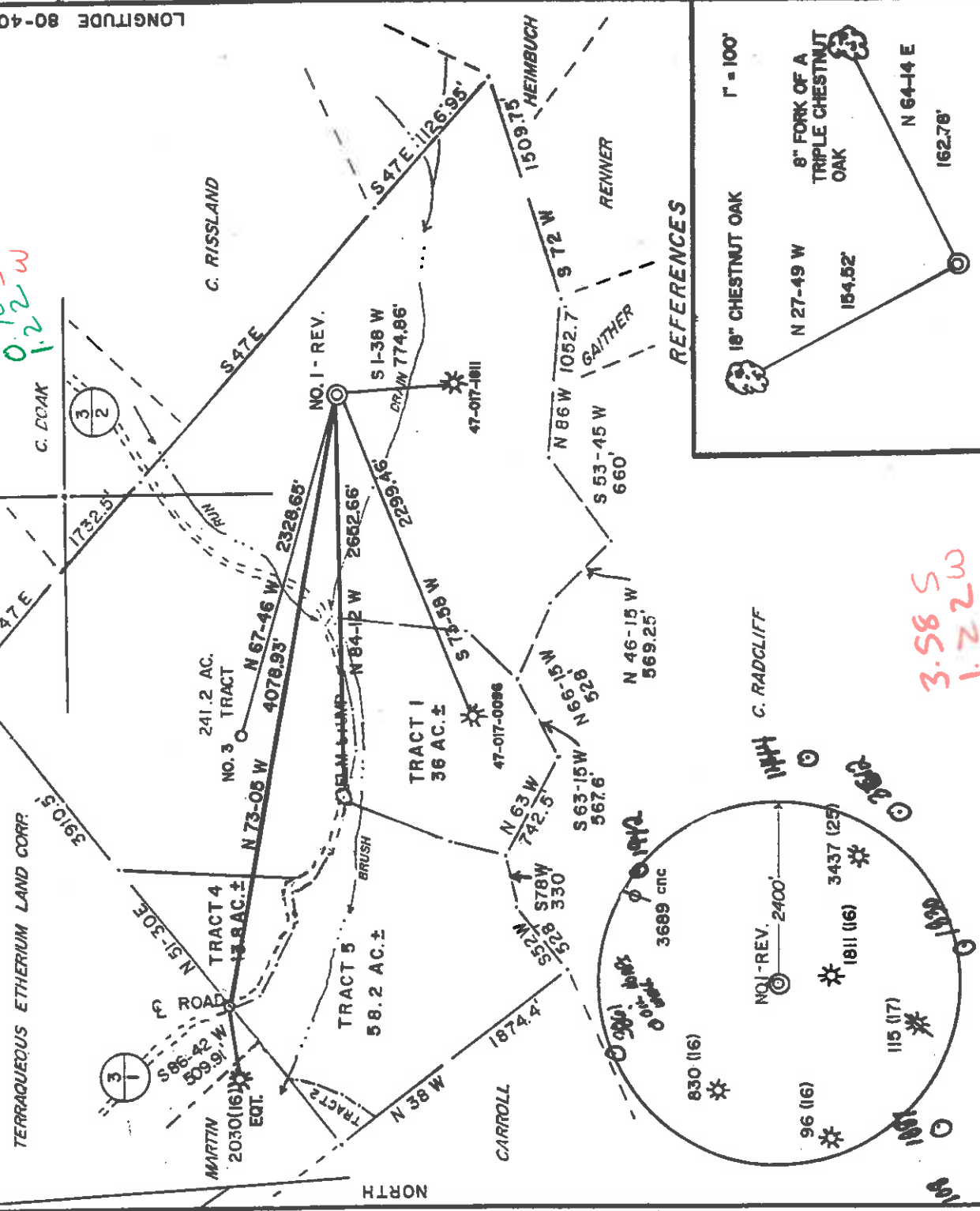


Janice 6/10/91
BLAUSER / J.L. CARR LEASE

351.4 AC. ±

WELL NO. 1

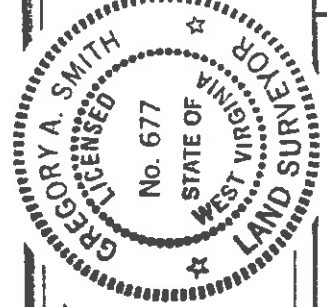


3.58 S
1.22 W



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.

L.L.S. Gregory A. Smith
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MAY 19 91
OPERATORS WELL NO. BLAUSER/J.L. CARR
WELL NO. 1
API WYD0001901-REV
WELL NO. 47 - 017 - 3889
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200
FILE NO. 2276 (36-15)
SCALE 1" = 1000'
PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEV. 785'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL GAS INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1201' WATERSHED BRUSH RUN
DISTRICT GRANT 3 COUNTY DODDRIDGE

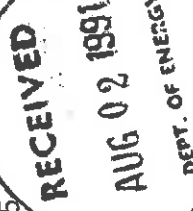
SURFACE OWNER TERRAQUEOUS ETHERIUM LAND CORP.
ROYALTY OWNER R. KEITH & PATTY J. CRIFIELD

PROPOSED WORK:
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____
TARGET FORMATION BENSON
ESTIMATED DEPTH 5348'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
ADDRESS BOX N GLENVILLE, WV. 26351 259
COUNTY NAME _____ PERMIT _____
ADDRESS 501 56th ST. CHARLESTON, WV. 25304
JUN 17 1991

H. T. HALL 066995
6-6 Smitton-Flint-Sedalia (099)



State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: TERRAQUEOUS ETHERIUM LAND Operator Well No.: BLAUSER/CARR 1

LOCATION: Elevation: 1201.00 Quadrangle: SMITHBURG

District: GRANT County: DODDRIDGE
Latitude: 3760 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 6480 Feet West of 80 Deg. 40 Min. 0 Sec.

Company: EASTERN AMERICAN ENERGY C
P. O. BOX N
GLENVILLE, WV 26351-0000

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 06/10/91
Well work Commenced: 06/21/91
Well work Completed: 07/03/91
Verbal Plugging
Permission granted on: Rig
Rotary Cable 5400'
Total Depth (feet) 5400'
Fresh water depths (ft) 100', 345'

Salt water depths (ft) None

Is coal being mined in area (Y/N)? Y
Coal Depths (ft): 690'-695'

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 8-5/8" | 1328' | 1328' | C.T.S. |
| 4-1/2" | --- | 5379' | 758 |
| | | | |
| | | | |
| | | | |

OPEN FLOW DATA

Producing formation Benson, 5th Sand Pay zone depth (ft) 5258'-3210'
Gas: Initial open flow 260 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 230 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 1250 psig (surface pressure) after 24 Hours

Second producing formation MCF/d Oil: Initial open flow Bbl/d
Gas: Initial open flow MCF/d Final 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: EASTERN AMERICAN ENERGY CORP.

By: Ronald L. Rech, Regional Drilling Manager

Date: July 17, 1991

AUG 12 1991

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

2-STAGE FOAM FRAC:

Stage 1: Benson - 15 holes (5258'-5252') Breakdown 2100 psi, 70 Quality Foam, 30 lbs/1000 gals Gel, 45,000 lbs of 20/40 sand, 500 gals 15% HCl, 687,142 scf of N₂

Stage 2: 5th Sand - 15 holes (3216'-3210') Breakdown 3000 psi, 70 Quality Foam, 30 lbs/1000 gals Gel, 36,700 lbs of 20/40 sand, 500 gals 15% HCl, 467,166 scf of N₂

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS |
|--------------------|-------|--------------|----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fill | | | 0 | 15 | Including indication of all fresh and salt water, coal, oil and gas |
| Sand and Shale | | | 15 | 51 | |
| Shale and Red Rock | | | 51 | 102 | Damp @ 100' |
| Sand and Shale | | | 102 | 142 | 1/4" stream water @ 345' |
| Shale and Red Rock | | | 142 | 194 | GAS CHECKS: 2999' - No Show 3470' - 40/10 thru 1" w/water (67 MC 4103' - 50/10 thru 1" w/water (74 MC 4612' - 50/10 thru 1" w/water (74 MC 4865' - 60/10 thru 1" w/water (82 MC 5055' - 50/10 thru 1" w/water (74 MC 5213' - 40/10 thru 1" w/water (67 MC T.D. - 40/10 thru 1" w/water (67 MC D.C. - 22/10 thru 1" w/water (49 MC |
| Sand and Shale | | | 194 | 360 | |
| Shale and Red Rock | | | 360 | 431 | |
| Sand | | | 431 | 610 | |
| Shale | | | 610 | 632 | |
| Coal | | | 632 | 663 | |
| Shale | | | 663 | 690 | |
| Shale and Red Rock | | | 690 | 695 | |
| Sand | | | 695 | 725 | |
| Shale and Red Rock | | | 725 | 792 | |
| Sand | | | 792 | 810 | |
| Sand and Shale | | | 810 | 900 | |
| Sand | | | 900 | 918 | |
| Red Rock and Shale | | | 918 | 1258 | |
| Sand and Shale | | | 1258 | 1390 | |
| Sand | | | 1390 | 1445 | |
| Sand and Shale | | | 1445 | 1670 | |
| Sand | | | 1670 | 1780 | |
| Shale | | | 1780 | 1805 | |
| Sand | | | 1805 | 1852 | |
| Shale | | | 1852 | 1915 | |
| Sand | | | 1915 | 1965 | |
| Shale | | | 1965 | 2070 | |
| Sand and Shale | | | 2070 | 2090 | |
| Little Lime | | | 2090 | 2120 | |
| Sand and Shale | | | 2120 | 2178 | |
| Big Lime | | | 2178 | 2328 | |
| Big Injun | | | 2328 | 2480 | |
| Shale | | | 2480 | 2555 | |
| Weir | | | 2555 | 2682 | |
| Shale | | | 2682 | 2708 | |
| Berea | | | 2708 | 2900 | |
| Shale | | | 2900 | 2934 | |
| Gordon | | | 2934 | | |

(CONTINUED)

(Attach separate sheets as necessary)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

BLAUSER/J.L. CARR #1 (CONTINUED)

API No. 47-017-3889

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all fresh and salt water, coal, oil and gas |
|----------------|-------|--------------|----------|-------------|-----------------------------------------------------------------------------------|
| Shale | | | 2934 | 3196 | |
| 5th Sand | | | 3196 | 3218 | |
| Sand and Shale | | | 3218 | 3556 | |
| Warren | | | 3556 | 3602 | |
| Sand and Shale | | | 3602 | 4750 | |
| Riley | | | 4750 | 4800 | |
| Shale | | | 5250 | 5260 | |
| Benson | | | 5260 | 5400 T.D. | |

12039

AUG 12 1991

(Attach separate sheets as necessary)

RECEIVED
MAY 20 1991
DEPT. OF ENERGY

FORM WW-2B

017-3889

REVISED

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION
259

Page 3 of 8
Dated 06/10/91

Expires 06/10/93

- 1) Well Operator: Eastern American Energy Corporation
- 2) Operator's Well Number: Blausser/J.L.L. Carr #1 WVDOD001901 3) Elevation: 1201'
- 4) Well type: (a) Oil ___ / or Gas XX /
(b) If Gas: Production XX / Underground Storage ___ /
Deep ___ / Shallow XX
- 5) Proposed Target Formation(s): Benson 435
- 6) Proposed Total Depth: 5420' _____ feet
- 7) Approximate fresh water strata depths: 356', 456'
- 8) Approximate salt water depths: None 1826'
- 9) Approximate coal seam depths: None 715'-700' 955'-999
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No XX /
- 11) Proposed Well Work: Drill and complete new well.
- 12)

CASING AND TUBING PROGRAM

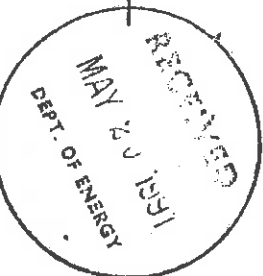
| TYPE | SPECIFICATIONS | | | FOOTAGE INTERVALS | | CEMENT |
|--------------|----------------|-------|----------------|-------------------|--------------|------------------------------------------|
| | Size | Grade | Weight per ft. | For drilling | Left in well | |
| Conductor | 11-3/4" | F-25 | 32.0 | 40' | ----- | |
| Fresh Water | 8-5/8" | F-25 | 20.0 | 1301' | 1301' | C.T.S. 38CSR18-11.3 38CSR18-11.2,2 |
| Coal | | | | | | |
| Intermediate | | | | | | |
| Production | 4-1/2" | J-55 | 10.5 | 5335' | 5335' | 38CSR18-11.1 |
| Tubing | | | | | | |
| Liners | | | | | | |

PACKERS : Kind _____

Sizes _____

Depths set _____

185 10 Fee(s) paid: _____
Plat (1) WW-9 (1) WW-2B (1) Bond _____ (Type) _____
For Division of Oil and Gas Use Only
Well Work Permit _____ Reclamation Fund _____ WPCP
Agent _____



REVISED

- 1) Date: May 17, 1991
- 2) Operator's well number Blauser/J.L. Carr #1 WDDDD001901
- 3) API Well No: 47 - 017 - 3889
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION 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 Terraqueous Etherium Land Corp. Name N/A
 Address c/o Mary Lou Wilson Address _____
3151 W. 24th Avenue
 (b) ~~NAME~~ Denver, CO 80211
 Address _____
 (c) Name _____
 Address _____

(b) Coal Owner(s) with Declaration
 Name N/A
 Address _____

Name _____
 Address _____

6) Inspector Mike Underwood (c) Coal Lessee with Declaration
 Address Rt. 2, Box 135 Name N/A
Salem, WV 26426 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 XXX 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: _____
 Personal Service (Affidavit attached)
XXX 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 Raster American Energy Corporation
 By: John M. Paletti John M. Paletti
 Its: Designated Agent
 Address P.O. Box N
Glenville, WV 26351

Telephone (304) 462-5781

Subscribed and sworn before me this 17th day of May, 19 91
John Marie Struff Notary Public
 My commission expires August 6, 1993