

(-|-) DENOTES LOCATION OF WELL ON U.S.G.S. TOPOGRAPHIC MAP

Janice 8/30/93

HOWARD G. & REAGAN J. ALLISON

SPIKE (SET)

S 79° 00' E 1068.38'

OAK STUMP

N 45° 00' W 1551.00'

BATTLE RUN

S 11° 00' W 858.00'

S 29° 30' W 144.38'

W.O.

DOGWOOD

S 29° 30' W 713.63'

STONE

S 08° 00' E 423.88'

STONE

STONE N 33° 15' E 445.50'

C.O. w/ BEECH POINTERS

N 06° 30' E 507.38'

W.O. & CHESTNUT

N 77° 22' W 176.23'

N 24° 00' W 622.88'

PROP WELL J. COTTRILL #1

SPIKE (SET) N 62° 45' E 336.60'

N 33° 27' E 230.89'

STONE

E.O.C. S 64° 30' E 745.80'

JOHN W. & BETTY J. ARCHER

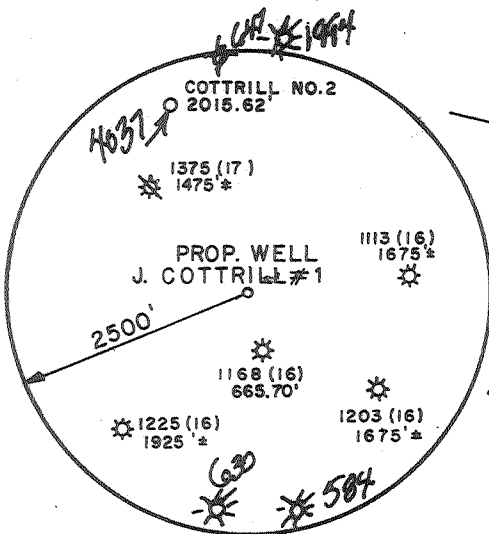
N 40° 45' E 614.63'

STONE

USEBA F. & DORRIS E. FORD

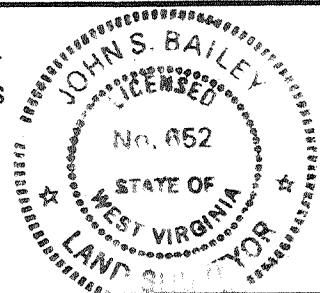
AUSTIN K. FORD

MAGNETIC REFERENCE TIES
N 66° 15' E 136.10' TO A 15" R.O.
N 60° 11' E 163.16' TO A 20" C.O.



MSES consultants, inc.
FILE NO. MSES 92-970
DRAWN BY HDW / VSH
SCALE 1" = 600'
MIN. DEGREE OF ACCURACY 1 IN 2500
PROVEN SOURCE OF ELEVATION:
ROAD JCT. APPROX. 2200' SOUTH
OF PROP. WELL LOCATION

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 MINES.
(SIGNED) John S. Bailey
R.P.E. _____ L.L.S. 652



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE FEBRUARY 7, 1992
OPERATOR'S WELL NO. J. COTTRILL #1
API WELL NO. 47-017-4036
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1358.51' WATERSHED LITTLE BATTLE RUN OF MC ELROY CREEK
DISTRICT McCLELLAN COUNTY DODDRIDGE
QUADRANGLE SMITHBURG, WV 7.5' NEAREST TOWN FLINT
SURFACE OWNER EDWIN R., JR. & JANICE M. JOHNSON ACREAGE 129.63
OIL & GAS ROYALTY OWNER JACOB C. COTTRILL ET AL LEASE ACREAGE 129

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 BENSON ESTIMATED DEPTH 5540'
WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN PALETTI
ADDRESS PO BOX 820 ADDRESS 501 56TH STREET
GLENVILLE, WV 26351 CHARLESTON, WV 25304

FORM IV-6

LONGITUDE 80° 37' 30"

10095'

COUNTY

0000

PERMIT

4036

FORM WW-2B AUG 0 6 93

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

Issued 09/01/93

Expires 09/01/95

Well Operator: Eastern American Energy Corporation 14980 259 5 6 11

Operator's Well Number: J. COTTRILL #1 3) Elevation: 1358.51'

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: 5540' feet
7) Approximate fresh water strata depths: 940'
8) Approximate salt water depths: 1616'
9) Approximate coal seam depths: 940-944'
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

Table with 7 columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), and CEMENT (Fill-up (cu. ft.)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and Liners.

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 8-5/8" casing.

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 Agent (Type)

17756

45982 15

2) Operator's well number
J. COTTRILL #1
3) API Well No: 47 - 017 - 4036
State - County - Permit

Division 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 Edwin R. Jr. & Janice M.
Address 22920 Peach Road Johnson
Clarksburg, MD 20871
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name N/A
Address _____
- (b) Coal Owner(s) with Declaration
Name N/A
Address _____
- Name _____
Address _____
- (c) Coal Lessee with Declaration
Name N/A
Address _____
- 6) Inspector Mike Underwood
Address Rt. 2 Box 135
Salem, WV 26426
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
XX 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 7 on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- XX 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 Eastern American Energy Corporation
By: John M. Galett
Its: Designated Agent
Address P.O. Box 820
Glennville, WV 26351
Telephone 304/462-5781

Subscribed and sworn before me this 5th day of August, 1993

Healy M. Sea Notary Public
My commission expires February 26, 2002.

