

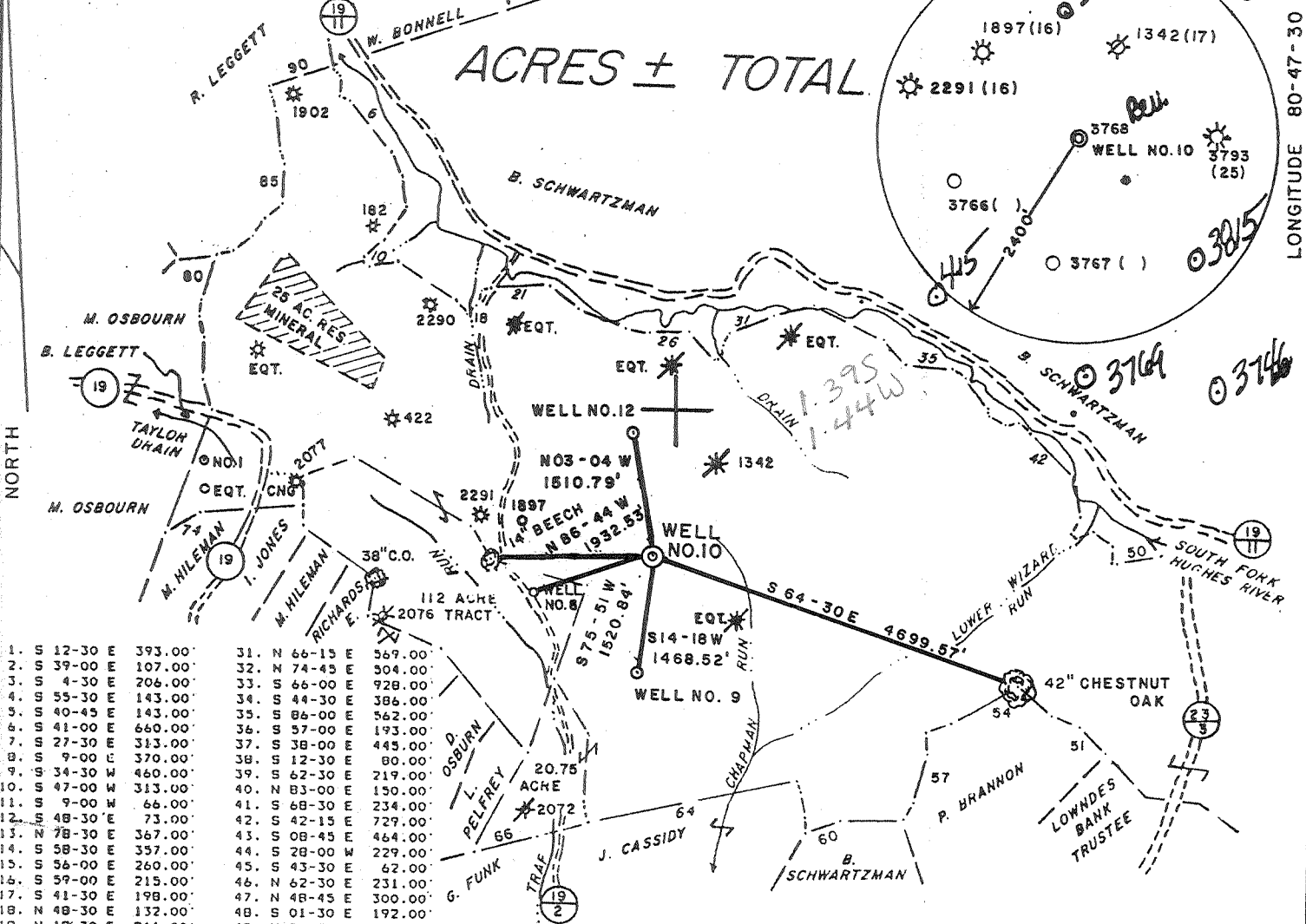
Janice 8/1/90

LATITUDE 39-12-30

7640'

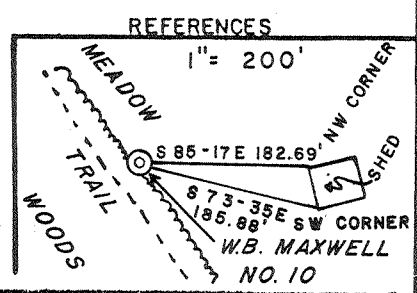
BLAUSER/W.B. MAXWELL LEASE

REVISED WELL NO. 10 1891.75 ACRES ± TOTAL



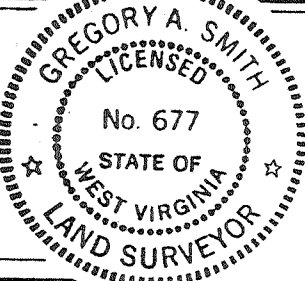
1. S 12-30 E 393.00'	31. N 66-15 E 569.00'
2. S 39-00 E 107.00'	32. N 74-45 E 304.00'
3. S 4-30 E 206.00'	33. S 66-00 E 928.00'
4. S 55-30 E 143.00'	34. S 44-30 E 386.00'
5. S 40-45 E 143.00'	35. S 86-00 E 562.00'
6. S 41-00 E 660.00'	36. S 57-00 E 193.00'
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12. S 48-30 E 73.00'	42. S 42-15 E 729.00'
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15. S 56-00 E 260.00'	45. S 43-30 E 62.00'
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74. S 57-46 W 488.40'	89. N 18-00 W 132.00'
75. N 20-21 E 1582.02'	90. N 72-34 E 841.50'



SLS 4.255
3.64W
HARRISON NE

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. 677 Gregory A. Smith

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JULY 6, 19 90
 OPERATORS: WELL NO. BLAUSER/W.B. MAXWELL
 NO. 10 REVISED
 API WELL NO. 47-017-3768
 STATE WV COUNTY ODD PERMIT 1255.4

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 2082
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1250' SCALE 1"=2000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1122' WATERSHED TRAP RUN
 DISTRICT SOUTH WEST 7 COUNTY ODD QUADRANGLE OXFORD 7.5'
 SURFACE OWNER BEATRICE SCHWARTZMAN ACREAGE P/O 1255.4 OF 4583.2
 ROYALTY OWNER W.B. MAXWELL HEIRS et.al. LEASE ACREAGE 1699 OF 1891.75
 PROPOSED WORK: LEASE NO. WVO1918-8
 DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5255' AUG 6 1991

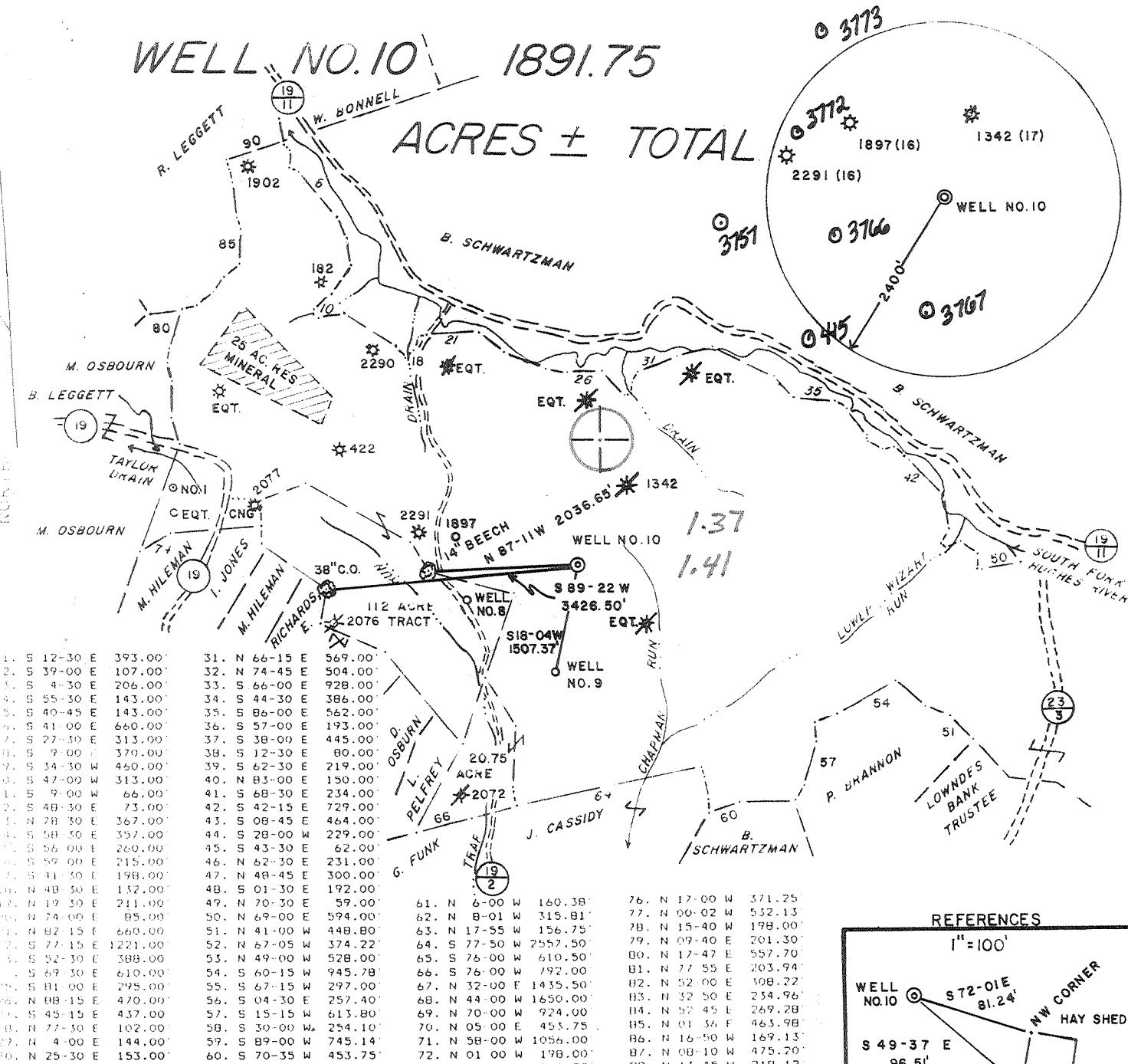
WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX N GLENVILLE, WV. 26351 ADDRESS 501 56th ST. CHARLESTON, WV. 25304

135960 6-6 Straight Fork-Bluestone Creek (132)

BLAUSER / W.B. MAXWELL LEASE

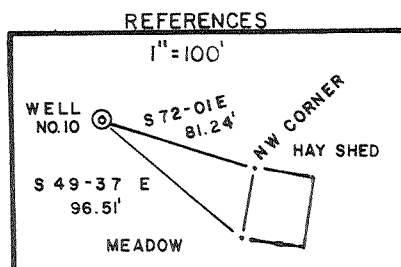
WELL NO. 10 1891.75

ACRES ± TOTAL



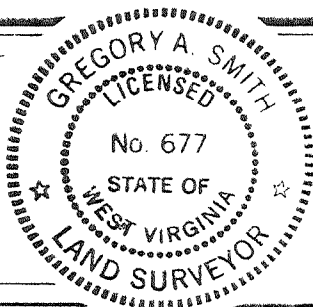
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G.S. No. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JULY 5, 19 89
 OPERATORS WELL NO. BLAUSER/W.B. MAXWELL
 NO. 10
 WVDODOOIII
 API WELL NO. 47-017-3768
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2082 (29-37)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1250' SCALE 1" = 2000'

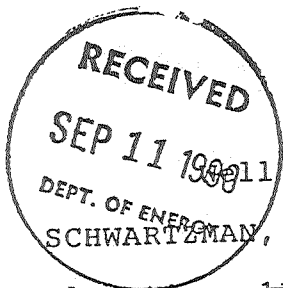
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1144' WATERSHED TRAP RUN
 DISTRICT SOUTH WEST 7 COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5' 526
 SURFACE OWNER BEATRICE SCHWARTZMAN ACREAGE P/O 1255.4 OF 4583.2
 ROYALTY OWNER W.B. MAXWELL HEIRS et al. LEASE ACREAGE 1699 OF 1891.75
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5275'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX N GLENVILLE, WV. 26351 ADDRESS 501 56th ST. CHARLESTON, WV. 25304

259

DEC 29 1989



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

Operator's Report of Well Work

Farm name: SCHWARTZMAN, BEATRICE Operator Well No.: BLAU/MAXWELL#10 W.B.
1122-revised plat

LOCATION: Elevation: 1144.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 7260 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 7500 Feet West of 80 Deg. 47 Min. 30 Sec.

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

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 12/27/89
Well work Commenced: 08/14/90
Well work Completed: 08/30/90
Verbal Plugging
Permission granted on: _____
Rotary x Cable _____ Rig _____
Total Depth (feet) 5260'

Fresh water depths (ft) 45'
Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1284'	1284'	C.T.S.
4-1/2"	5238.00'	5238.00'	297
1-1/2"	---	5074.75'	---

OPEN FLOW DATA

Alexander/Benson/Riley/Stray/
Producing formation 3rd Riley, Riley (Commingle) Pay zone depth (ft) 5176'-4423.5'
Gas: Initial open flow 919 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 622 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 1010 psig (surface pressure) after 24 Hours

Second producing formation _____ 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: Rich Heffelfinger
EASTERN AMERICAN ENERGY CORP.

By: Rich Heffelfinger, Vice President - Regional Operations
Date: September 4, 1990

SEP 14 1990

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
3-STAGE FOAM FRAC

- Stage 1: Alexander - 14 holes (5176'-5110') Breakdown 1900 psi, 65 Quality foam, 20 lbs/1000 gals Gel, 72,000 lbs 20/40 sand, 500 gals 15% HCl, 541,000 scf of N₂
- Stage 2: Benson/Riley Stray/3rd Riley - 14 holes (4840.5'-4667.5') Breakdown 2200 psi, 70 Quality foam pad, 65 Quality foam, 20 lbs/1000 gals Gel, 5000 lbs 80/100 sand, 60,000 lbs 20/40 sand, 500 gals 15% HCl, 727,000 scf of N₂
- Stage 3: Riley - 12 holes (4434.5'-4423.5') Breakdown 1700 psi, 70 Quality foam pad, 65 Quality foam, 20 lbs/1000 gals Gel, 5000 lbs 80/100 sand, 55,000 lbs 20/40 sand, 500 gals 15% HCl, 764,000 scf of N₂

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
K.B. - Ground Level			0	10	1/2" water @ 45'
Sand			10	47	Dust from 235'
Sandy Shale			47	185	Oil Odor @ 989'
Sand			185	250	
Sandy Shale			250	280	
Sand			280	285	<u>GAS CHECKS:</u>
Sandy Shale			285	505	1632' - 16/10 thru 2" w/water
Sand			505	520	1816' - 14/10 thru 2" w/water
Sandy Shale			520	800	1910' - 8/10 thru 2" w/water
Red Rock			800	995	2063' - 80/10 thru 2" w/water
Sandy Shale			995	1400	2339' - 60/10 thru 2" w/water
Sand			1400	1470	2646' - 62/10 thru 2" w/water
Sandy Shale			1470	1670	3107' - 50/10 thru 2" w/water
Sand			1670	1725	3415' - 50/10 thru 2" w/water
Sandy Shale			1725	1825	3813' - 40/10 thru 2" w/water
Big Lime			1825	1885	4303' - 40/10 thru 2" w/water
Sand (Big Injun)			1885	1985	4549' - 40/10 thru 2" w/water
Sandy Shale			1985	2115	4766' - 38/10 thru 2" w/water
Sand (Weir)			2115	2257	4920' - 34/10 thru 2" w/water
Sandy Shale (Berea)			2257	2525	5199' - 32/10 thru 2" w/water
Sand			2525	2555	T.D. - 26/10 thru 2" w/water
Sandy Shale			2555	3165	D.C. - 20/10 thru 2" w/water
Sand			3165	3234	
Sandy Shale			3234	4364	
Sand			4364	4405	
Sandy Shale (Riley)			4405	4680	
Sand			4680	4730	
Sandy Shale			4730	4790	
Sand			4790	4810	
Sandy Shale (Benson)			4810	5065	
Sand (Haverty) ?			5065	5159	
Sandy Shale			5159	5261 T.D.	

(Attach separate sheets as necessary)

6-546

47-017-3768

Issued 12/27/89

Expires 12/27/91

FORM WW-2B

Page 3 of 8

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

- 1) Well Operator: 259 Eastern American Energy Corporation 14980, 7, 525
- 2) Operator's Well Number: Blausler/W.B. Maxwell #10 3) Elevation: 1144'
WVDOD001110
- 4) Well type: (a) Oil / or Gas XX /
(b) If Gas: Production XX / Underground Storage /
Deep / Shallow XX /
- 5) Proposed Target Formation(s): Alexander 439
- 6) Proposed Total Depth: 5275 feet
- 7) Approximate fresh water strata depths: 229' 496', 210', 458'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None 285'-288'
- 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

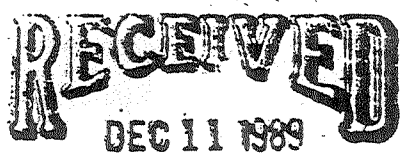
TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11"	F-25	37.5	30'	-----	
Fresh Water	8 5/8"	J-55	20.0	1300'	1300'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2 2
Intermediate						
Production	4 1/2"	J-55	10.5	5190'	5190'	38CSR18-11.1
Tubing	1 1/2"	H-40	2.75			
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

RECEIVED
DEC 11 1989

9509
 33
 For Division of Oil and Gas Use Only DEPARTMENT OF ENERGY
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket sure Agent

017-3768



Page 1 of 8
Form WW2-A
(09/87)
File Copy

Date: July 20, 1989
Operator's well number
Blauser/W.B. Maxwell #10 - WVDOD001110
API Well No: 47 - 017 - 3768
State - County - Permit

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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:
 - (a) Name Beatrice Schwartzman
Address 2520 30th Street, N.W.
Washington, DC 20008
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name None
Address _____
 - (b) Coal Owner(s) with Declaration
Name _____
Address _____
 - Name _____
Address _____
- 6) Inspector Mike Underwood
Address Rt. 2, Box 135
Salem, WV 26426
Telephone (304)- 782-1043
- (c) Coal Lessee with Declaration
Name _____
Address _____

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 8 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. 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 10th day of November, 1989

My commission expires July 2, 1996 *JA Lorraine Howe* Notary Public