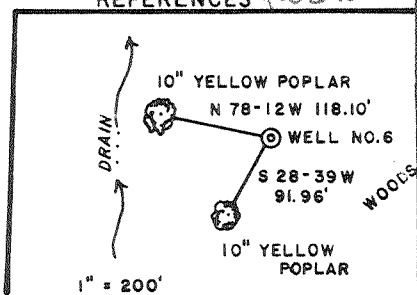
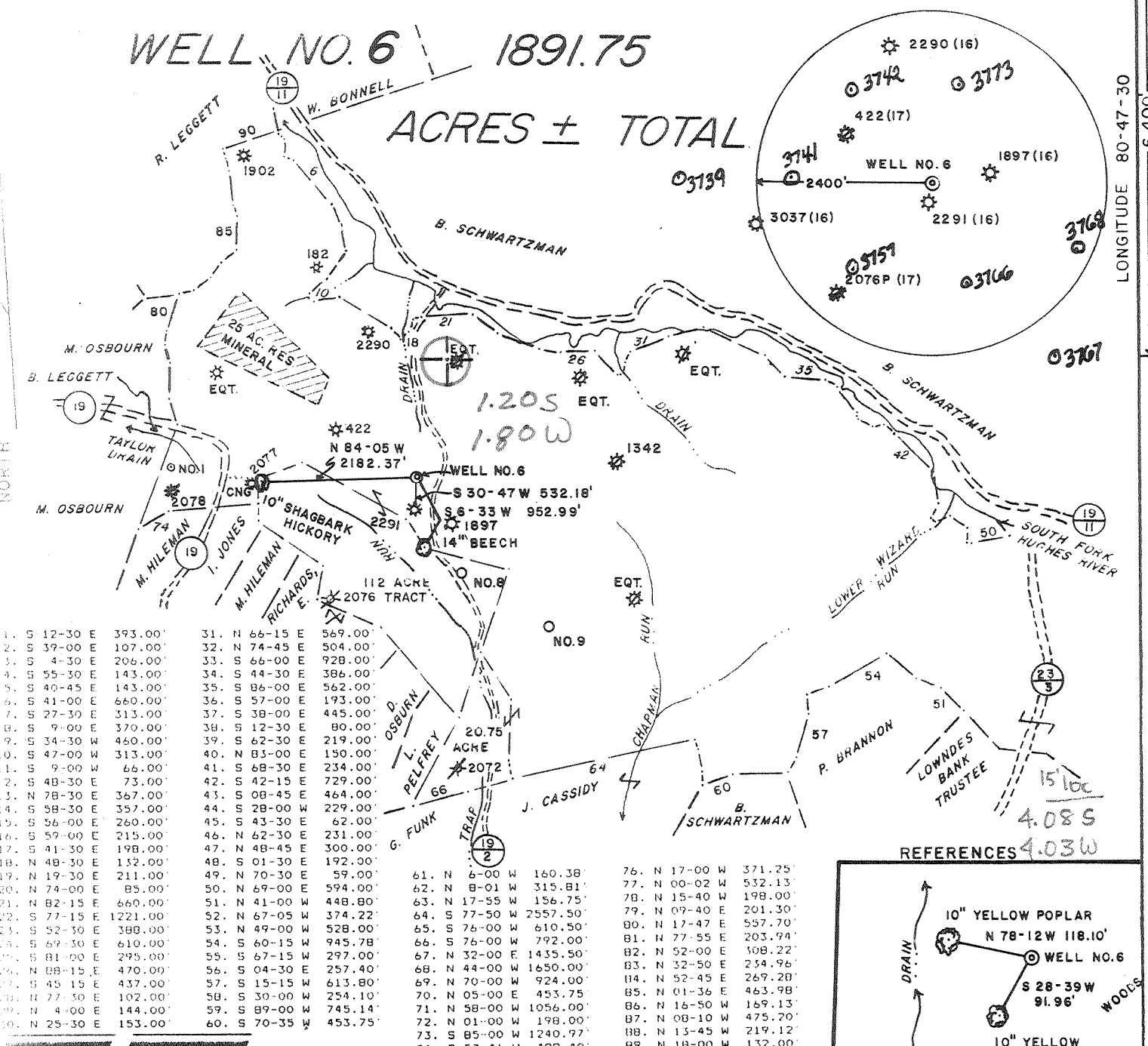


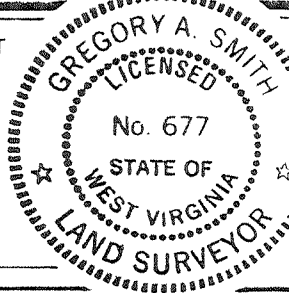
BLAUSER/W.B. MAXWELL LEASE

Jamie 12/12/89

WELL NO. 6 1891.75 ACRES ± TOTAL



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.



G.A.S. 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. 6
WVDOD001106
API WELL NO. 47 - 017 - 3772
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 LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1026' WATERSHED SOUTH FORK HUGHES RIVER Holbrook NE
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: LEASE NO. WV01918 - +
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 ALEXANDER
ESTIMATED DEPTH 5175'

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

2.59
b-b Straight Fork - Bluestone Creek (133) DEC 20 1989

RECEIVED
Energy
AUG 22 1990
Permitting
Oil and Gas Section

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

Well Operator's Report of Well Work

Farm name: SCHWARTZMAN, BEATRICE Operator Well No.: BLAU/MAXWELL #6 W.B.

LOCATION: Elevation: 1026.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 6400 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 9530 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: 05/16/90
Well work Completed: 05/21/90
Verbal Plugging
Permission granted on:
Rotary X Cable _____ Rig
Total Depth (feet) 5194'
Fresh water depths (ft) 162'
Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 174', 509', 1290'

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
8-5/8"	1209.67'	1209.67'	C.T.S.
4-1/2"	5156.10'	5156.10'	799

OPEN FLOW DATA

Alexander, Benson/3rd Riley, Riley,
Producing formation Speechley/Warren (Commingled) Pay zone depth (ft) 5036.5'-3140.5'
Gas: Initial open flow 748 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 654 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 1160 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: August 14, 1990

AUG 24 1990

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

3-STAGE FOAM FRAC:

- Stage 1: Alexander - 14 holes (5036.5'-4973') Breakdown 3200 psi, 65 Quality foam, 30 lbs/1000 gals Gel, 65,000 lbs 20/40 sand, 500 gals 15% HCl, 592,000 scf of N₂
- Stage 2: Benson/3rd Riley - 13 holes (4705'-4626.5') Breakdown 2110 psi, 65 Quality foam, 30 lbs/1000 gals Gel, 50,000 lbs 20/40 sand, 500 gals 15% HCl, 562,300 scf of N₂
- Stage 3: Riley - 12 holes (4308.5'-4285.5') Breakdown 1940 psi, 70 Quality foam, 30 lbs/1000 gals Gel, 45,000 lbs 20/40 sand, 500 gals 15% HCl, 548,200 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
Red Clay			0	10	62' - 1/2" stream water
Red Rock			10	22	
Shale			22	27	
Red Rock			27	30	
Shale			30	32	<u>GAS CHECKS:</u>
Red Rock			32	34	1758' - No show
Sand			34	100	1854' - 4/10 thru 2" w/water
Red Rock and Sand			100	174	2012' - 4/10 thru 2" w/water
Coal			174	178	2262' - 2/10 thru 1" w/water
Sand and Red Rock			178	191	2726' - 12/10 thru 2" w/water
Red Rock and Shale			191	222	3101' - 12/10 thru 2" w/water
Sand and Shale			222	509	3320' - 12/10 thru 2" w/water
Coal			509	512	3816' - 8/10 thru 2" w/water
Shale and Sand			512	1260	4222' - 8/10 thru 2" w/water
Sand			1260	1290	4411' - 10/10 thru 2" w/water
Coal			1290	1298	4881' - 8/10 thru 2" w/water
Sand and Shale			1298	1412	4942' - 10/10 thru 2" w/water
Sand and Shale			1412	1746	5068' - 8/10 thru 2" w/water
Big Lime			1746	1801	
Big Injun			1801	1881	
Sand and Shale			1881	2039	
Weir			2039	2165	
Shale with Minor Sand			2165	2344	
Berea			2344	2350	
Shale with Minor Sand			2350	3077	
Warren			3077	3158	
Shale with Minor Sand			3158	4278	
Riley			4278	4334	
Shale with Minor Sand			4334	4618	
3rd Riley			4618	4650	
Shale			4650	4680	
Benson			4680	4736	
Shale and Sand			4736	4948	
Alexander			4948	5040	
Shale with Minor Sand			5040	5194 T.D.	

1.1465

(Attach separate sheets as necessary)

017-3772

Issued 12/27/89

Expires 12/27/91

Page 3 of 8

FORM WW-2B

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

- 1) Well Operator: 289 Eastern American Energy Corporation 14980 (7) 525
- 2) Operator's Well Number: Blausen/W.B. Maxwell #6 3) Elevation: 1026'
WVDOD001106
- 4) Well type: (a) Oil or Gas /
- (b) If Gas: Production / Underground Storage
Deep Shallow
- 5) Proposed Target Formation(s): Alexander 429
- 6) Proposed Total Depth: 5175 feet
- 7) Approximate fresh water strata depths: 111' 378' 131' 124'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None 167-170'
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: Drill and complete new well.
- 12)

CASING AND TUBING PROGRAM

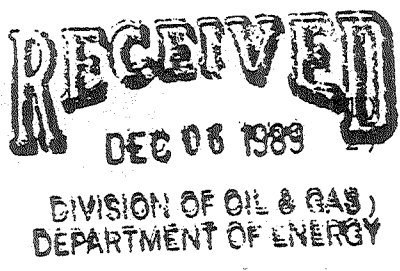
TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11"	F-25	37.5	30'	-----	
Fresh Water	8 5/8"	J-55	20.0	1200'	1200'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2 2
Intermediate						
Production	4 1/2"	J-55	10.5	5095'	5095'	38CSR18-11.1
Tubing	1 1/2"	H-40	2.75			
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

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DEC 06 1989

For Division of Oil and Gas Use Only DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

4503
31 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond *Blanket man*



Date: July 20, 1989
Operator's well number
Blauser/W.B. Maxwell #6 - WVDOD001106
API Well No: 47 - 017 - 3772
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:
(a) Name Beatrice Schwartzman
Address 2520 30th Street, N.W.
Washington, DC 20008
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Mike Underwood
Address Rt. 2, Box 135
Salem, WV 26426
Telephone (304)- 782-1043

5) (a) Coal Operator:
Name None
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
Name _____
Address _____
(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 *Jo Lorraine Renee* Notary Public