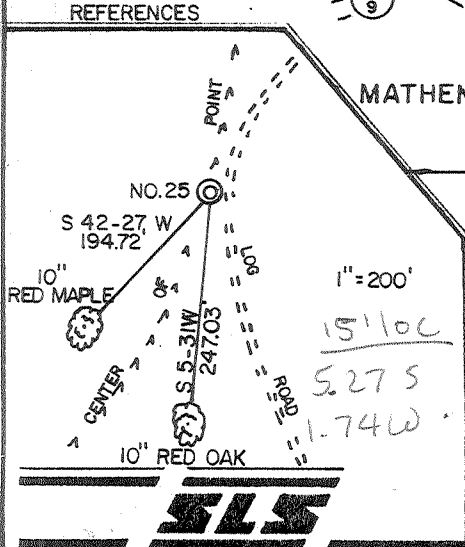
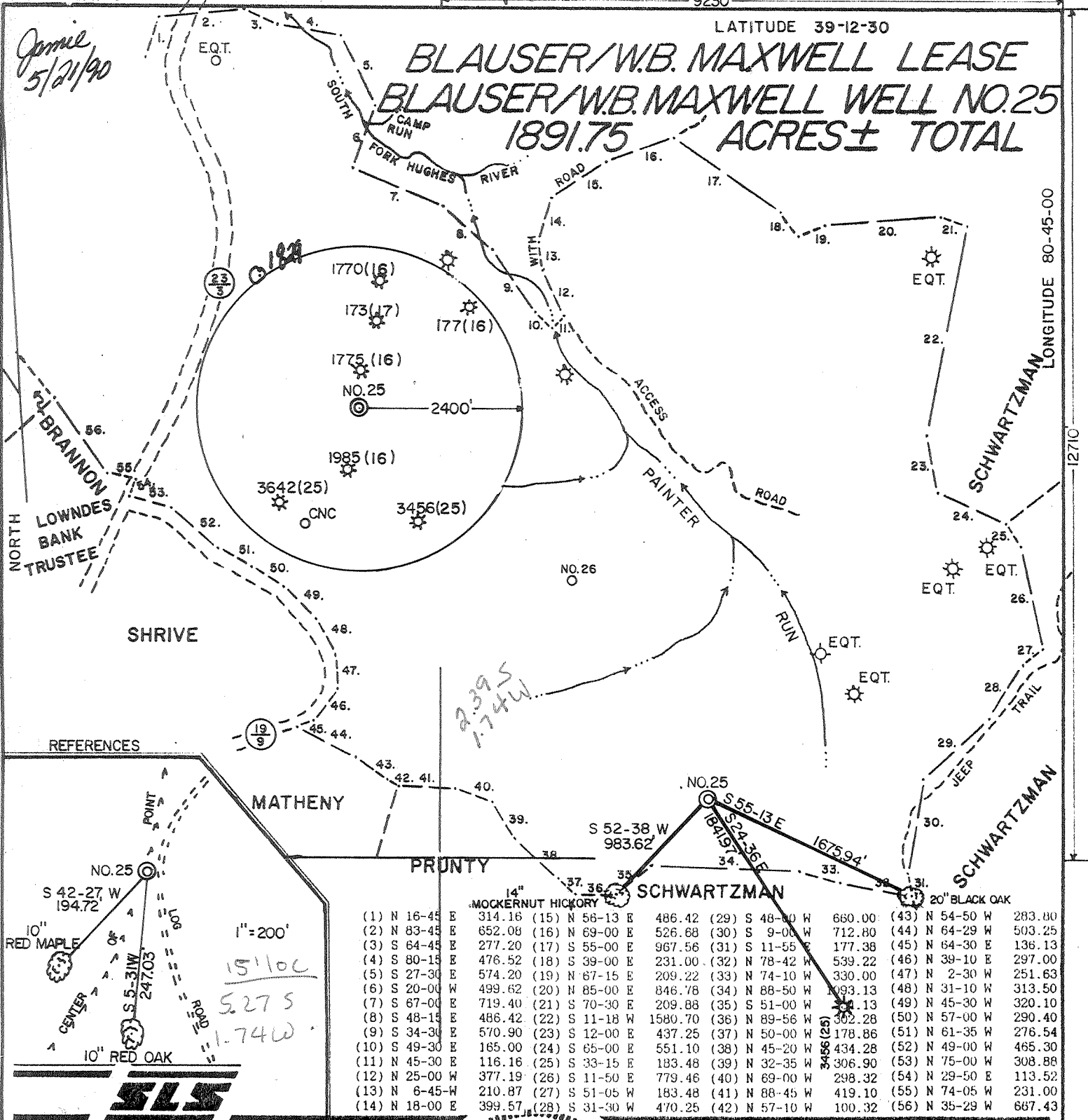


BLAUSER/W.B. MAXWELL LEASE
BLAUSER/W.B. MAXWELL WELL NO.25
1891.75 ACRES ± TOTAL

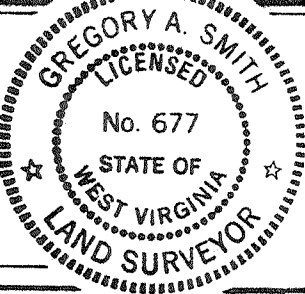
Jamie
 5/21/90



Bearing	Distance	Bearing	Distance	Bearing	Distance	Bearing	Distance
(1) N 16-45 E	314.16	(15) N 56-13 E	486.42	(29) S 48-00 W	660.00	(43) N 54-50 W	283.00
(2) N 83-45 E	652.08	(16) N 69-00 E	526.68	(30) S 9-00 W	712.80	(44) N 64-29 W	503.25
(3) S 64-45 E	277.20	(17) S 55-00 E	967.56	(31) S 11-55 E	177.36	(45) N 64-30 E	136.13
(4) S 80-15 E	476.52	(18) S 39-00 E	231.00	(32) N 78-42 W	539.22	(46) N 39-10 E	297.00
(5) S 27-30 E	574.20	(19) N 67-15 E	209.22	(33) N 74-10 W	330.00	(47) N 2-30 W	251.63
(6) S 20-00 W	499.62	(20) N 85-00 E	846.78	(34) N 88-50 W	1093.13	(48) N 31-10 W	313.50
(7) S 67-00 E	719.40	(21) S 70-30 E	209.88	(35) S 51-00 W	11.13	(49) N 45-30 W	320.10
(8) S 48-15 E	486.42	(22) S 11-18 W	1580.70	(36) N 89-56 W	302.28	(50) N 57-00 W	290.40
(9) S 34-30 E	570.90	(23) S 12-00 E	437.25	(37) N 50-00 W	178.86	(51) N 61-35 W	276.54
(10) S 49-30 E	165.00	(24) S 65-00 E	551.10	(38) N 45-20 W	434.28	(52) N 49-00 W	465.30
(11) N 45-30 E	116.16	(25) S 33-15 E	183.48	(39) N 32-35 W	306.90	(53) N 75-00 W	308.88
(12) N 25-00 W	377.19	(26) S 11-50 E	779.46	(40) N 69-00 W	298.32	(54) N 29-50 E	113.52
(13) N 6-45 W	210.87	(27) S 51-05 W	183.48	(41) N 88-45 W	419.10	(55) N 74-05 W	231.00
(14) N 18-00 E	399.57	(28) S 31-30 W	470.25	(42) N 57-10 W	100.32	(56) N 35-29 W	687.43

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 JANUARY 16, 19 90

OPERATORS WELL NO. BLAUSER/W.B. MAXWELL

WELL NO. 25

API NO. 47 - 017 - 3821

STATE 47 COUNTY 017 PERMIT 3821

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2082 (29-46)

PROVEN SOURCE OF ELEVATION TOP KNOB ELEV. 1291' SCALE 1" = 1000'

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 1356' WATERSHED PAINTER RUN Holbrook NE

DISTRICT SOUTH WEST 7 COUNTY DODDRIDGE 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: 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 5500'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI JUN 11 1990

ADDRESS BOX N GLENVILLE, WV. 26351 259 ADDRESS 501 56th ST. CHARLESTON, WV. 25304

6-6 Straight Fork-Bluestone Creek (133)

Energy
 AUG 27 90
 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#25 W.B.

LOCATION: Elevation: 1356.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
 Latitude: 12710 Feet South of 39 Deg. 12Min. 30 Sec.
 Longitude 9230 Feet West of 80 Deg. 45 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: 06/04/90
 Well work Commenced: 07/19/90
 Well work Completed: 08/07/90
 Verbal Plugging _____
 Permission granted on: _____
 Rotary X Cable Rig
 Total Depth (feet) 5630'
 Fresh water depths (ft) None

Salt water depths (ft) 1580'

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"	1496.35'	1496.35'	C.T.S.
4-1/2"	5459.10'	5459.10'	903
1-1/2"	---	5243'	---

OPEN FLOW DATA

Alexander, Benson/3rd Riley,
 Producing formation Riley (Commingled) Pay zone depth (ft) 5335'-4561'
 Gas: Initial open flow 770 MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 492 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 15 Hours
 Static rock Pressure 910 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.
 Rich Heffelfinger
 By: Vice President - Regional Operations
 Date: August 16, 1990

(REVERSE)

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

3-STAGE FOAM FRAC

- Stage 1: Alexander - 13 holes (5335'-5272') Breakdown 2270 psi, 65 Quality foam, 20 lbs/1000 gals Gel, 500 gals 15% HCl, 544,300 scf of N₂
- Stage 2: Benson/3rd Riley - 18 holes (4994.5'-4903') Breakdown 1600 psi, 65 Quality foam, 20 lbs/1000 gals Gel, 5,000 lbs 80/100 sand, 60,000 lbs 20/40 sand, 500 gals 15% HCl, 673,500 scf of N₂
- Stage 3: Riley - 17 holes (4598'-4561.5') Breakdown 1740 psi, 65 Quality foam, 20 lbs/1000 gals Gel, 5,000 lbs 80/100 sand, 35,000 lbs 20/40 sand, 500 gals 15% HCl, 591,800 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
Subsoil			0	10	1/2" stream water @ 1580'
Shale and Red Rock			10	27	
Sand, Shale and Red Rock			27	960	
Sand, Shale and Red Rock			960	1982	<u>GAS CHECKS:</u>
Little Lime			1982	1994	1800' - Missed
Sand and Shale			1994	2042	2013' - Odor
Big Lime			2042	2090	2169' - 4/10 thru 2" w/water
Big Injun			2090	2180	2326' - 4/10 thru 2" w/water
Shale with Trace of Sand			2180	2320	2512' - 6/10 thru 2" w/water
Weir			2320	2491	2916' - 2/10 thru 2" w/water
Shale			2491	2522	3350' - Missed
Berea			2522	2530	3565' - 4/10 thru 2" w/water
Shale with Minor Sand			2530	3388	4567' - 2/10 thru 2" w/water
Warren			3388	3418	4816' - 2/10 thru 2" w/water
Shale with Minor Sand			3418	4538	5067' - 4/10 thru 2" w/water
Riley			4538	4600	5224' - 4/10 thru 2" w/water
Shale with Minor Sand			4600	4896	5380' - 4/10 thru 2" w/water
3rd Riley			4896	4920	
Shale			4920	4992	
Benson			4992	4996	
Shale with Minor Sand			4996	5236	
Alexander			5236	5339	
Shale			5339	5630 T.D.	

10607

017-3821
 Issued 06/04/90
 Expires 06/04/92

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

- 1) Well Operator: Eastern American Energy Corporation 14980 (7) 525
- 2) Operator's Well Number: Blauser/W.B. Maxwell #25 3) Elevation: 1356'
 WVDOD001125
- 4) Well type: (a) Oil / or Gas XX /
 (b) If Gas: Production XX / Underground Storage /
 Deep / Shallow XX /
- 5) Proposed Target Formation(s): Alexander 420
- 6) Proposed Total Depth: 5500 feet
- 7) Approximate fresh water strata depths: 195' @ 241' @ 361'
- 8) Approximate salt water depths: ~~XXXXX~~ 1600' @ 1771'
- 9) Approximate coal seam depths: 546' *Anderson No more than 1 ft down*
- 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	Fill-up (cu. ft.)
Conductor	11"	F-25	37.5	30'	-----	
Fresh Water	8 5/8"	J-55	20.0	1505'	1505'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2 2
Intermediate						
Production	4 1/2"	J-55	10.5	5415'	5415'	38CSR18-11.1
Tubing	1 1/2"	H-40	2.75			
Liners						

PACKERS : Kind
 Sizes
 Depths set

RECEIVED
 Division of Energy

MAY 09 90

Permitting
 Oil and Gas Section

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond *Handwritten notes and signatures*

1) Date: February 6, 1990
2) Operator's well number
Blauser/W.B. Maxwell #25 - WVDOD001125
3) API Well No: 47 - 017 - 3821
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

RECEIVED
Division of Energy

MAY 09 90

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

Permitting

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, Oil and Gas Section
Name None
Address _____
(b) Coal Owner(s) with Declaration
Name None
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 _____ 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 19th day of February, 19 90

My commission expires _____
Jo Lorraine Howe Notary Public
July 2, 1996