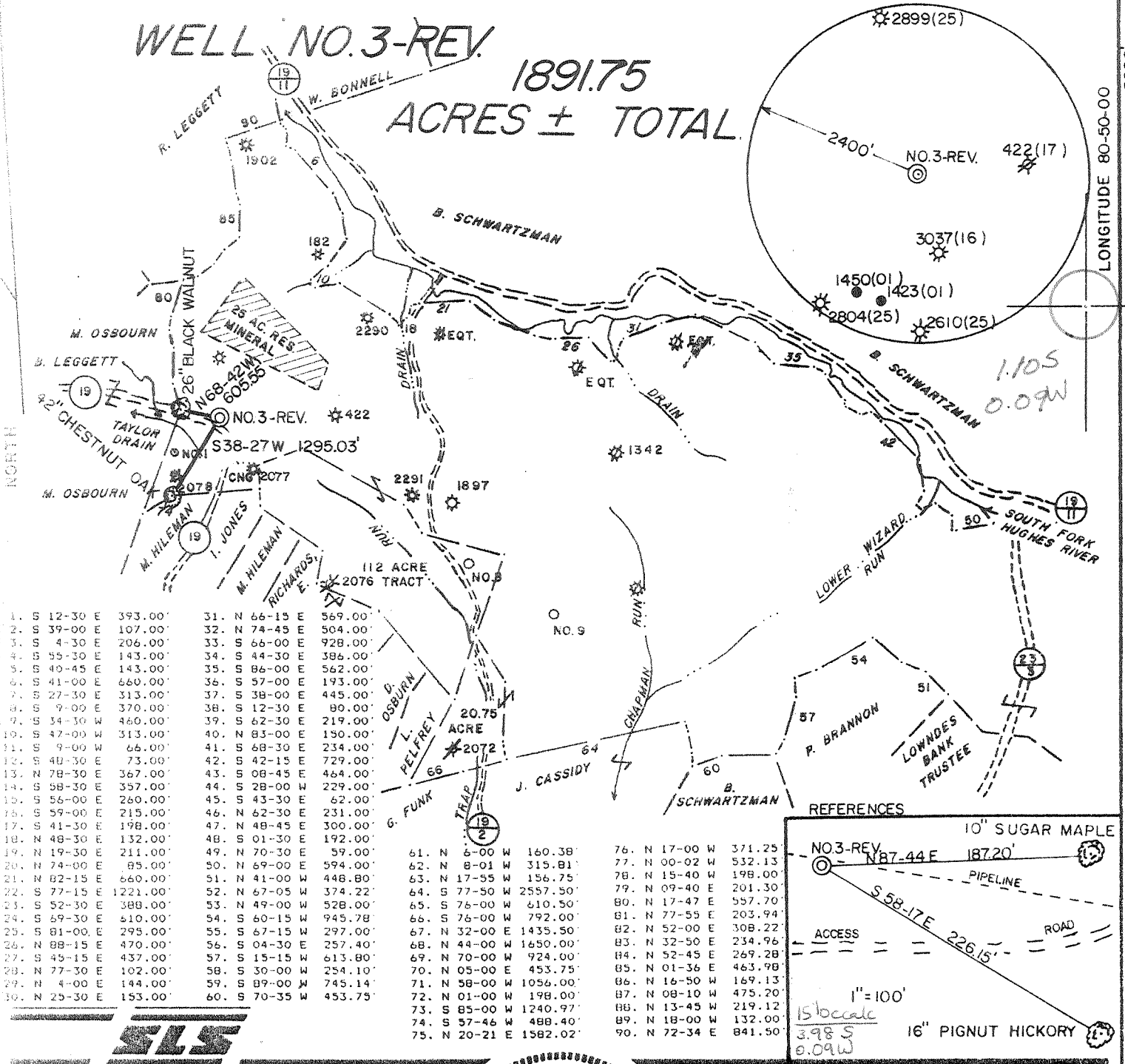
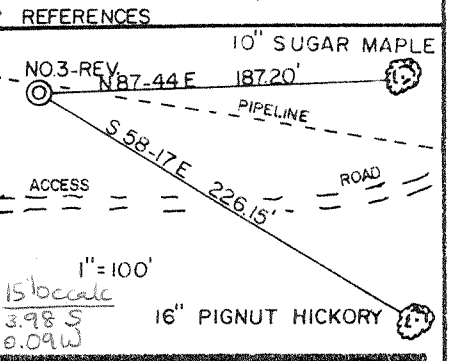


Jamie 11/21/89 BLAUSER/W.B. MAXWELL LEASE

WELL NO. 3-REV. 1891.75 ACRES ± TOTAL

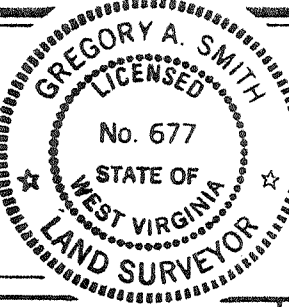


1. S 12-30 E 393.00'	31. N 66-15 E 569.00'
2. S 39-00 E 107.00'	32. N 74-45 E 504.00'
3. S 4-30 E 206.00'	33. S 66-00 E 928.00'
4. S 55-30 E 143.00'	34. S 44-30 E 386.00'
5. S 40-45 E 143.00'	35. S 86-00 E 562.00'
6. S 41-00 E 660.00'	36. S 57-00 E 193.00'
7. S 27-30 E 313.00'	37. S 38-00 E 445.00'
8. S 9-00 E 370.00'	38. S 12-30 E 80.00'
9. S 34-30 W 460.00'	39. S 62-30 E 219.00'
10. S 47-00 W 313.00'	40. N 85-00 E 150.00'
11. S 9-00 W 66.00'	41. S 68-30 E 234.00'
12. S 48-30 E 73.00'	42. S 42-15 E 729.00'
13. N 78-30 E 367.00'	43. S 08-45 E 464.00'
14. S 58-30 E 357.00'	44. S 28-00 W 229.00'
15. S 56-00 E 260.00'	45. S 43-30 E 62.00'
16. S 59-00 E 215.00'	46. N 62-30 E 231.00'
17. S 41-30 E 198.00'	47. N 48-45 E 300.00'
18. N 48-30 E 132.00'	48. S 01-30 E 192.00'
19. N 19-30 E 211.00'	49. N 70-30 E 59.00'
20. N 74-00 E 85.00'	50. N 69-00 E 594.00'
21. N 82-15 E 660.00'	51. N 41-00 W 448.80'
22. S 77-15 E 1221.00'	52. N 67-05 W 374.22'
23. S 52-30 E 388.00'	53. N 49-00 W 528.00'
24. S 69-30 E 410.00'	54. S 60-15 W 945.78'
25. S 81-00 E 295.00'	55. S 67-15 W 297.00'
26. N 88-15 E 470.00'	56. S 04-30 E 257.40'
27. S 43-15 E 437.00'	57. S 15-15 W 613.80'
28. N 77-30 E 102.00'	58. S 30-00 W 254.10'
29. N 4-00 E 144.00'	59. S 89-00 W 745.14'
30. N 25-30 E 153.00'	60. S 70-35 W 453.75'
	61. N 6-00 W 160.38'
	62. N 8-01 W 315.81'
	63. N 17-55 W 156.75'
	64. S 77-50 W 2557.50'
	65. S 76-00 W 610.50'
	66. S 76-00 W 792.00'
	67. N 32-00 E 1435.50'
	68. N 44-00 W 1650.00'
	69. N 70-00 W 924.00'
	70. N 05-00 E 453.75'
	71. N 58-00 W 1056.00'
	72. N 01-00 W 198.00'
	73. S 85-00 W 1240.97'
	74. S 57-46 W 488.40'
	75. N 20-21 E 1582.02'
	76. N 17-00 W 371.25'
	77. N 00-02 W 532.13'
	78. N 15-40 W 198.00'
	79. N 09-40 E 201.30'
	80. N 17-47 E 557.70'
	81. N 77-55 E 203.94'
	82. N 52-00 E 308.22'
	83. N 32-50 E 234.96'
	84. N 52-45 E 269.28'
	85. N 01-36 E 463.98'
	86. N 16-50 W 169.13'
	87. N 08-10 W 475.20'
	88. N 13-45 W 219.12'
	89. N 18-00 W 132.00'
	90. N 72-34 E 841.50'



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 OCTOBER 13, 19 89
 OPERATORS WELL NO BLAUSER/W.B. MAXWELL
NO. 3-REV.
WVDODD001103-REV.
 API WELL NO. 47 - 017 - 3741
 STATE COUNTY PERMIT
Revised

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2082 (29-38)
 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 1090' WATERSHED SOUTH FORK HUGHES RIVER
 DISTRICT SOUTH WEST 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: 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 5230'

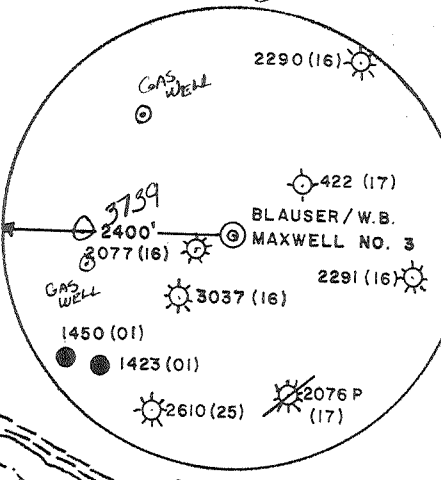
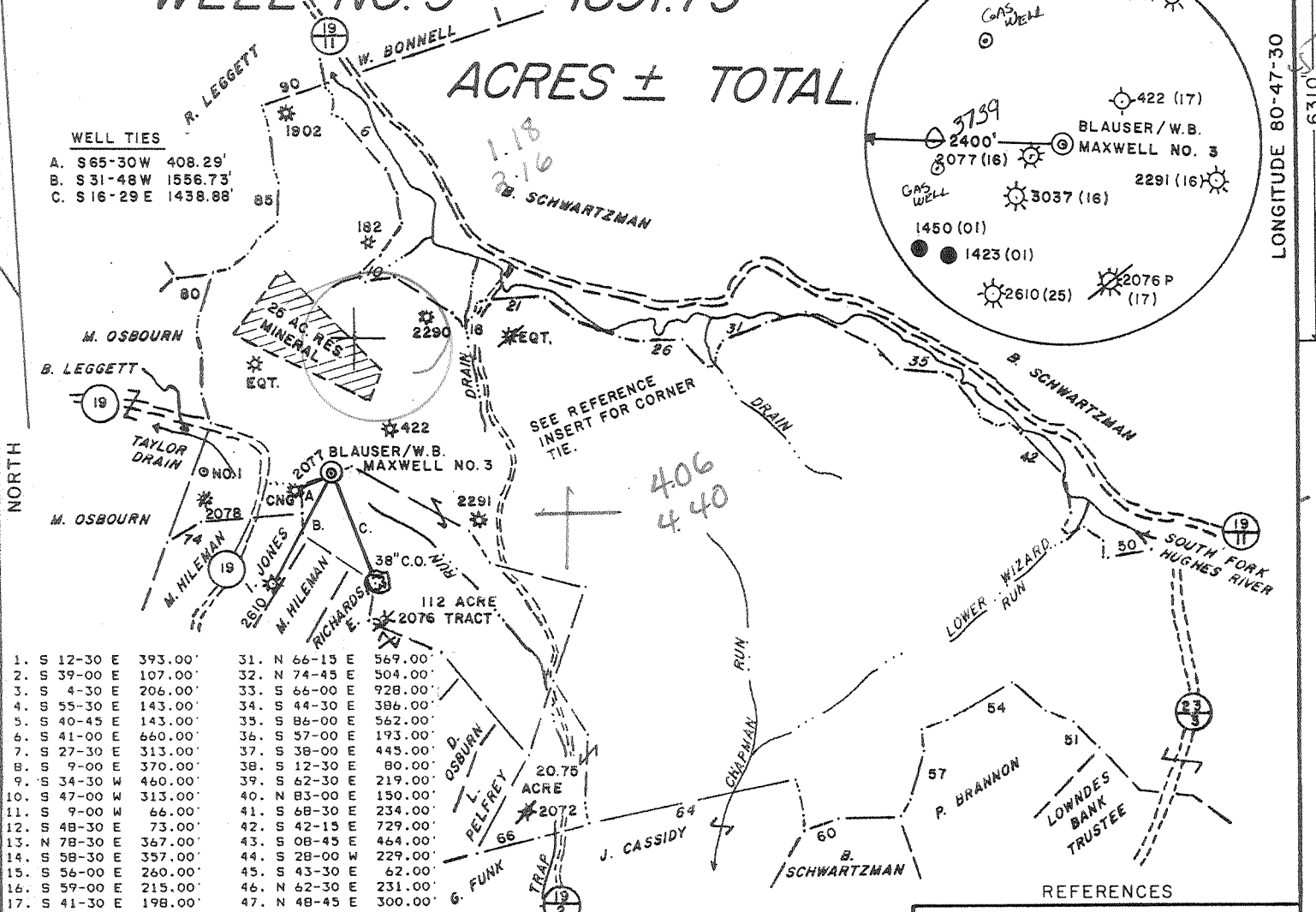
WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX N GLENVILLE, WV. 26351 ADDRESS 501 56th ST. CHARLESTON, WV. 25304

Opmie 7/31/89

BLAUSER/W.B. MAXWELL LEASE

WELL NO. 3 1891.75

ACRES ± TOTAL

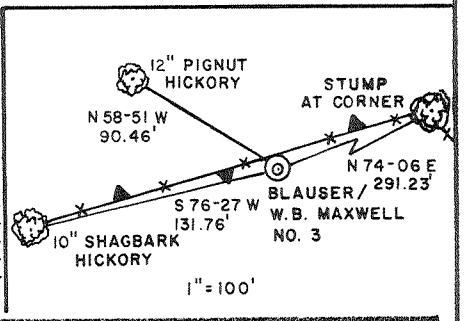


WELL TIES

A. S 65-30W	408.29'
B. S 31-48W	1556.73'
C. S 16-29E	1438.88'

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	504.00'
3. S 4-30 E	206.00'	33. S 66-00 E	928.00'
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7. S 27-30 E	313.00'	37. S 38-00 E	443.00'
8. S 9-00 E	370.00'	38. S 12-30 E	80.00'
9. S 34-30 W	460.00'	39. S 62-30 E	219.00'
10. S 47-00 W	313.00'	40. N 83-00 E	150.00'
11. S 9-00 W	66.00'	41. S 68-30 E	234.00'
12. S 48-30 E	73.00'	42. S 42-15 E	729.00'
13. N 78-30 E	367.00'	43. S 08-45 E	464.00'
14. S 58-30 E	357.00'	44. S 28-00 W	229.00'
15. S 56-00 E	260.00'	45. S 43-30 E	62.00'
16. S 59-00 E	215.00'	46. N 62-30 E	231.00'
17. S 41-30 E	198.00'	47. N 48-45 E	300.00'
18. N 48-30 E	132.00'	48. S 01-30 E	192.00'
19. N 19-30 E	211.00'	49. N 70-30 E	59.00'
20. N 74-00 E	85.00'	50. N 69-00 E	594.00'
21. N 82-15 E	660.00'	51. N 41-00 W	448.80'
22. S 77-15 E	1221.00'	52. N 67-05 W	374.22'
23. S 52-30 E	388.00'	53. N 49-00 W	528.00'
24. S 69-30 E	610.00'	54. S 60-15 W	945.78'
25. S 81-00 E	295.00'	55. S 67-15 W	297.00'
26. N 88-15 E	470.00'	56. S 04-30 E	257.40'
27. S 45-15 E	437.00'	57. S 15-15 W	613.80'
28. N 77-30 E	102.00'	58. S 30-00 W	254.10'
29. N 4-00 E	144.00'	59. S 89-00 W	745.14'
30. N 25-30 E	153.00'	60. S 70-35 W	453.75'

61. N 6-00 W	160.38'	76. N 17-00 W	371.25'
62. N 8-01 W	315.81'	77. N 00-02 W	532.13'
63. N 17-55 W	156.75'	78. N 15-40 W	198.00'
64. S 77-50 W	2557.50'	79. N 09-40 E	201.30'
65. S 76-00 W	610.50'	80. N 17-47 E	557.70'
66. S 76-00 W	792.00'	81. N 77-55 E	203.94'
67. N 32-00 E	1435.50'	82. N 52-00 E	308.22'
68. N 44-00 W	1650.00'	83. N 32-50 E	234.96'
69. N 70-00 W	924.00'	84. N 52-45 E	269.28'
70. N 05-00 E	453.75'	85. N 01-36 E	463.98'
71. N 58-00 W	1056.00'	86. N 16-50 W	169.13'
72. N 01-00 W	198.00'	87. N 08-10 W	475.20'
73. S 85-00 W	1240.97'	88. N 13-45 W	219.12'
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'



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L.L.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
 API WELL NO. 47-017-3741
 STATE WV COUNTY DODDRIDGE PERMIT NO. 3

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2082 (29-32)
 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

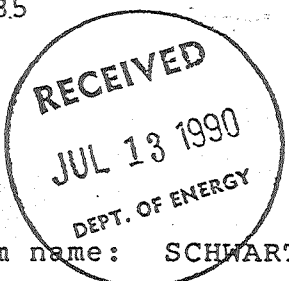
LOCATION: ELEVATION 1231' WATERSHED TRAP RUN
 DISTRICT SOUTH WEST 7 COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5' 526

SURFACE OWNER BEATRICE SCHWARTZMAN ACREAGE 112 8 P/O 4583.2 058
 ROYALTY OWNER W.B. MAXWELL HEIRS et.al. LEASE ACREAGE 112 OF 1891.75 LEASE NO. WV01918

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 5350'

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



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.: BLAUZ/MAXWELL #3 W.B

LOCATION: Elevation: 1231.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 6310 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 11460 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: EASTERN AMERICAN ENERGY C
501 56TH ST.
CHARLESTON, WV 25304-0000

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 08/07/89
Well work Commenced: 04/24/90
Well work Completed: 04/30/90
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 5,336'
Fresh water depths (ft) 71'

Salt water depths (ft) 1380'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 650'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1189.40'	1189.40'	C.T.S.
4-1/2"	5166.85'	5166.85'	764

OPEN FLOW DATA

Speechley/Warren (Commingled)
Producing formation Alexander, Benson, Riley, Pay zone depth (ft) 3340.5'-5040
Gas: Initial open flow 629 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 592 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 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: July 6, 1990

JUL 20 1990

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

4-STAGE FOAM FRAC.

- Stage 1: Alexander - 14 holes (5100.5'-5040.5') Breakdown 2600 psi, 65 Quality foam, 30 lbs/1000 gals Gel, 70,000 lbs 20/40 sand, 500 gals 15% HCl, 561,800 scf of N₂
- Stage 2: Benson - 8 holes (4769'-4766.5') Breakdown 2770 psi, 65 Quality foam, 30 lbs/1000 gals Gel, 40,000 lbs 20/40 sand, 500 gals 15% HCl, 404,500 scf of N₂
- Stage 3: Riley - 11 holes (4385'-4355') Breakdown 1800 psi, 70 Quality foam, 30 lbs/1000 gals Gel, 40,700 lbs 20/40 sand, 500 gals 15% HCl, 474,800 scf of N₂
- Stage 4: Speechley/Warren - 14 holes (3340.5'-3204.5') Breakdown 2115 psi, 70 Quality foam, 30 lbs/1000 gals Gel, 49,300 lbs 20/40 sand, 650 gals 28% HCl, 455,200 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
Soil			0	15	1/2" stream water @ 71'
Sand and Shale			15	72	Oil odor @ 1020'
Sand, Shale and Red Rock			72	132	1/2"-1/2" stream water @ 1380'
Sand and Shale			132	232	Oil odor @ 2080'
Sand, Shale and red Rock			232	504	
Sand and Shale			504	650	
Coal			650	661	<u>GAS CHECKS:</u>
Sand and Shale			661	770	1795' - No show
Shale and Red Rock			770	1000	1922' - No show
Sand and Shale			1000	1175	2048' - No show
Sand			1175	1210	2300' - No show
Sand and Shale			1210	1330	2710' - No show
Sand			1330	1380	3091' - No show
Sand and Shale			1380	1724	3312' - No show
Little Lime			1724	1733	3786' - No show
Shale with Trace Sand			1733	1750	4294' - No show
Big Lime			1750	1870	4485' - 12/10 thru 1" w/water
Big Injun			1870	1966	4707' - 10/10 thru 1" w/water
Sand and Shale			1966	2120	4865' - 10/10 thru 1" w/water
Weir			2120	2248	5053' - 10/10 thru 1" w/water
Shale with Trace Sand			2248	2312	5146' - 12/10 thru 1" w/water
Berea			2312	2318	T.D. - 10/10 thru 1" w/water
Shale with Trace Sand			2318	3186	D.C. - 6/10 thru 1" w/water
Warren			3186	3242	
Shale with Trace Sand			3242	4354	
Riley			4354	4389	
Shale			4389	4686	
3rd Riley			4686	4716	
Shale			4716	4761	
Benson			4761	4799	
Shale with Trace Sand			4799	5025	
Alexander			5025	5115	
Shale			5115	5336	T.D.

9313

(Attach separate sheets as necessary)

017-3741

Issued 8/7/89 Expires 8/7/91

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: Eastern American Energy Corporation ²⁵⁹ 14980 (7) 525
- 2) Operator's Well Number: Blauser/W.B. Maxwell #3 3) Elevation: 1231' ¹⁰⁹⁰
- 4) Well type: (a) Oil or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Alexander ²⁰⁹
- 6) Proposed Total Depth: 5350 feet
- 7) Approximate fresh water strata depths: 145', 300'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None
- 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	
Conductor	11"	F-25	37.5	30	-----	
Fresh Water	8 5/8"	J-55	20.0	1405	1405	C.T.S. 38CSR18-11.3
Coal					14-35' MAX	38CSR18-11.2 2
Intermediate					Ref Mr. Underwood	
Production	4 1/2"	J-55	10.5	5270	5270	38CSR18-11.1
Tubing	1 1/2"	H-40	2.75			
Liners						

RECEIVED
JUL 24 1989

PACKERS : Kind _____
Sizes _____
Depths set _____

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

5471
171

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond Blanket sure Agent

RECEIVED
JUL 24 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date: July 20, 1989
Operator's well number
Blauser/W.B. Maxwell #3 - WVDOD001103
API Well No: 47 - 017 - 3741
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Beatrice Schwartzman</u>
Address <u>2520 30th Street, N.W.</u>
<u>Washington, DC 20008</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name <u>None</u>
Address _____</p> <p>(b) Coal Owner(s) with Declaration
Name _____
Address _____</p> <p>Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration
Name _____
Address _____</p> |
| <p>6) Inspector <u>Mike Underwood</u>
Address <u>Rt. 2, Box 135</u>
<u>Salem, WV 26426</u>
Telephone (304)- <u>782-1043</u></p> | |

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 21st day of July, 1989

My commission expires July 2, 1996 *John M. Paletti* Notary Public