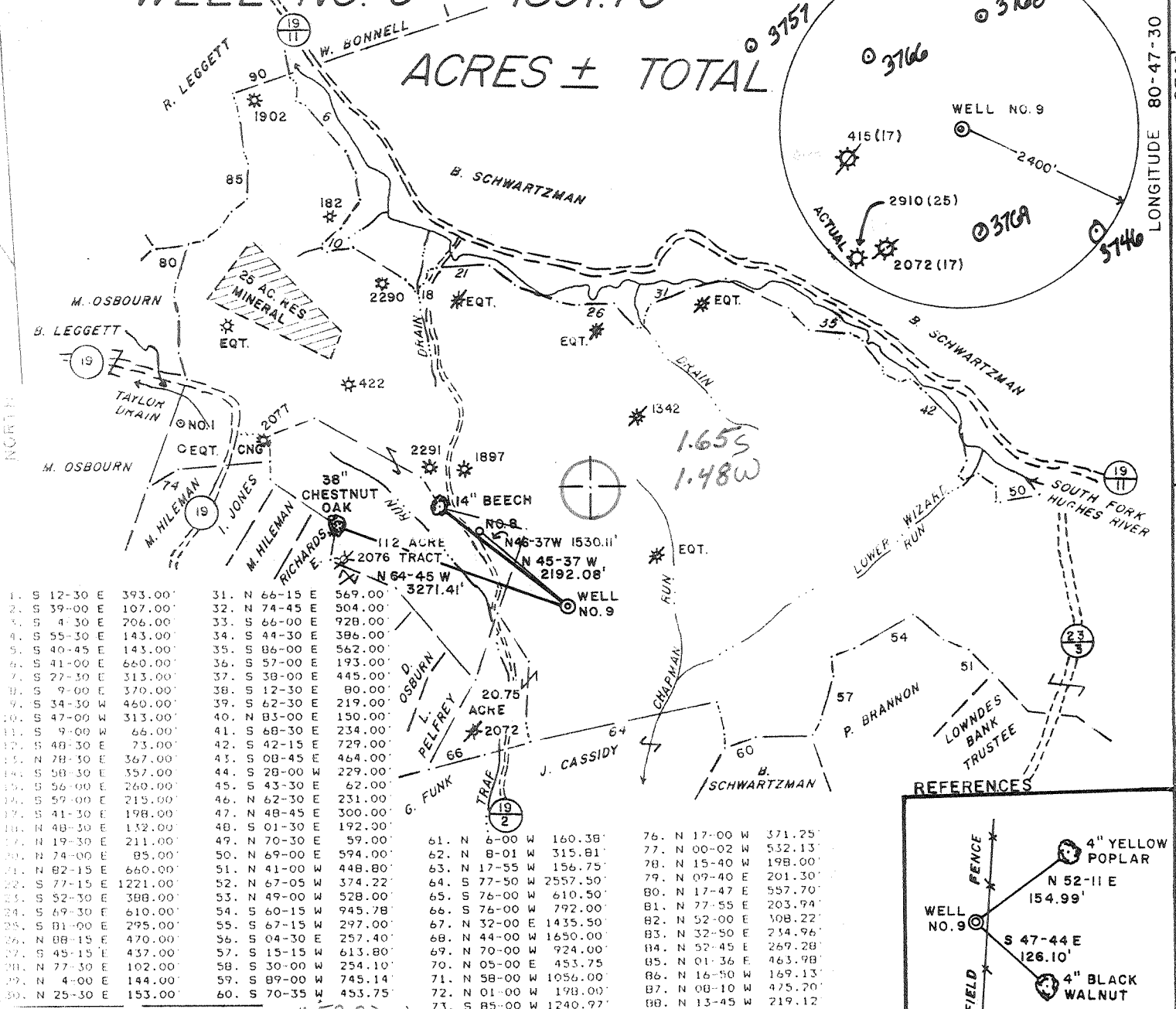


Janice 12/12/89

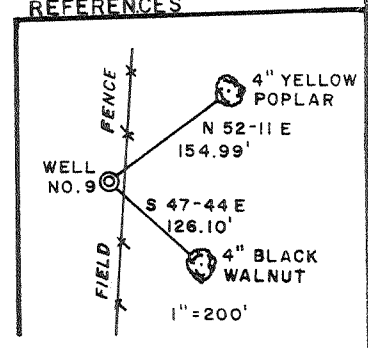
BLAUSER/W.B. MAXWELL LEASE

WELL NO. 9 1891.75

ACRES ± TOTAL



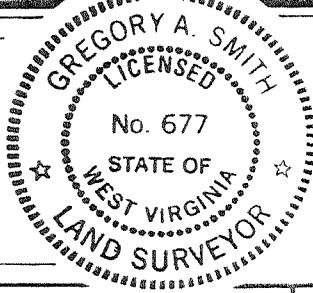
1. S 12-30 E 393.00'	31. N 66-15 E 569.00'	61. N 6-00 W 160.38'	76. N 17-00 W 371.25'
2. S 39-00 E 107.00'	32. N 74-45 E 504.00'	62. N 8-01 W 315.81'	77. N 00-02 W 532.13'
3. S 4-30 E 706.00'	33. S 66-00 E 928.00'	63. N 17-55 W 156.75'	78. N 15-40 W 198.00'
4. S 55-30 E 143.00'	34. S 44-30 E 386.00'	64. S 77-50 W 2557.50'	79. N 09-40 E 201.30'
5. S 40-45 E 143.00'	35. S 86-00 E 562.00'	65. S 76-00 W 610.50'	80. N 17-47 E 557.70'
6. S 41-00 E 660.00'	36. S 57-00 E 193.00'	66. S 76-00 E 792.00'	81. N 77-55 E 203.94'
7. S 27-30 E 313.00'	37. S 38-00 E 445.00'	67. N 32-00 E 1435.50'	82. N 52-00 E 308.22'
8. S 9-00 E 370.00'	38. S 12-30 E 80.00'	68. N 44-00 W 1650.00'	83. N 32-50 E 234.96'
9. S 34-30 W 460.00'	39. S 62-30 E 219.00'	69. N 70-00 W 924.00'	84. N 52-45 E 269.28'
10. S 47-00 W 313.00'	40. N 83-00 E 150.00'	70. N 05-00 E 453.75'	85. N 01-36 E 463.98'
11. S 9-00 W 66.00'	41. S 68-30 E 234.00'	71. N 58-00 W 1056.00'	86. N 16-50 W 169.13'
12. S 48-30 E 73.00'	42. S 42-15 E 729.00'	72. N 01-00 W 198.00'	87. N 08-10 W 475.70'
13. N 78-30 E 367.00'	43. S 08-45 E 464.00'	73. S 85-00 W 1240.97'	88. N 13-45 W 219.12'
14. S 58-30 E 357.00'	44. S 28-00 W 229.00'	74. S 57-46 W 488.40'	89. N 18-00 W 132.00'
15. S 56-00 E 260.00'	45. S 43-30 E 62.00'	75. N 20-21 E 1582.02'	90. N 72-34 E 841.50'
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'		



4.53 S } 15'
3.71 W } 10'

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 5, 19 89
 OPERATORS WELL NO. BLAUSER/W.B. MAXWELL
 NO. 9
 API NO. 47-017-3767
 WELL NO. 47-017-3767
 STATE WV COUNTY DODDRIDGE PERMIT WVD0001109

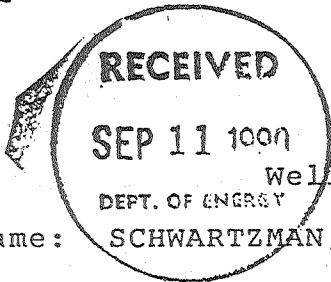
MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2082 (29-36)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1250' SCALE 1" = 2000'

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 1165' WATERSHED TRAP RUN Holbrook HC
 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. WVO1918- +
 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 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



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 #9 W.B.

LOCATION: Elevation: 1165.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 8740 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 7830 Feet West of 80 Deg. 47 Min. 30 Sec.

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

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 12/27/89
Well work Commenced: 08/09/90
Well work Completed: 08/23/90
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 5415'
Fresh water depths (ft) None
Salt water depths (ft) 1428'

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"	1307.00'	1307.00'	C.T.S.
4-1/2"	5263.25'	5263.25'	303
1-1/2"	---	5068.40'	---

OPEN FLOW DATA

Alexander, Benson/3rd Riley,
Producing formation Riley (Commingled) Pay zone depth (ft) 5178'-4421'
Gas: Initial open flow 919 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 1015 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 31, 1990

SEP 14 1990

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

3-STAGE FOAM FRAC.

- Stage 1: Alexander - 13 holes (5178'-5115') Breakdown 1600 psi, 65 Quality foam, 20 lbs/1000 gals Gel, 70,000 lbs 20/40 sand, 500 gals 15% HCl, 540,000 scf of N₂
- Stage 2: Benson/3rd Riley - 16 holes (4844.5'-4765') Breakdown 2215 psi, 65 Quality foam pad, 65 Quality foam, 5,000 lbs 80/100 sand, 60,400 lbs 20/40 sand, 500 gals 15% HCl, 1,046,000 scf of N₂
- Stage 3: Riley - 18 holes (4448.5'-4421') Breakdown 2300 psi, 70 Quality pad, 65 Quality foam, 5,000 lbs 80/100 sand, 58,000 lbs 20/40 sand, 500 gals 15% HCl, 747,000 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
Top Soil and Clay			0	20	1" stream of water @ 1428'
Shale and Red Rock			20	380	
Sand			380	420	
Sandy Shale			420	475	
Sand			475	500	
Sandy Shale			500	530	1725' - 120/10 thru 2" w/water
Sand			530	545	1848' - 100/10 thru 2" w/water
Sandy Shale			545	760	1972' - 80/10 thru 2" w/water
Sand			760	795	2095' - 76/10 thru 2" w/water
Sandy Shale			795	1195	2311' - 72/10 thru 2" w/water
Sand			1195	1255	2711' - 70/10 thru 2" w/water
Sandy Shale			1255	1420	3144' - 16/10 thru 2" w/water
Sand			1420	1450	3390' - 18/10 thru 2" w/water
Sandy Shale			1450	1600	3913' - 18/10 thru 2" w/water
Sand			1600	1750	4372' - 42/10 thru 2" w/water
Sand and Shale			1750	1836	4555' - 22/10 thru 2" w/water
Little Lime			1836	1847	4800' - 18/10 thru 2" w/water
Sand and Sandy Shale			1847	1874	5047' - 20/10 thru 2" w/water
Big Lime			1874	1946	5200' - 22/10 thru 2" w/water
Big Injun			1946	2014	T.D. - 2/10 thru 2" w/water
Shale and Sandy Shale			2014	2172	D.C. - 12/10 thru 2" w/water
Weir			2172	2296	
Sandy Shale and Shale			2296	2370	
Berea			2370	2374	
Shale with Minor Sand			2374	3254	
Warren			3254	3290	
Shale, Sandy Shale with Minor Sand			3290	4410	
Riley			4410	4450	
Shale and Sandy Shale			4450	4758	
3rd Riley			4758	4784	
Shale			4784	4842	
Benson			4842	4846	
Shale and Sandy Shale			4946	5086	
Alexander			5086	5188	
Shale and Sandy Shale			5188	5415 T.D.	

GAS CHECKS:

- 1725' - 120/10 thru 2" w/water
- 1848' - 100/10 thru 2" w/water
- 1972' - 80/10 thru 2" w/water
- 2095' - 76/10 thru 2" w/water
- 2311' - 72/10 thru 2" w/water
- 2711' - 70/10 thru 2" w/water
- 3144' - 16/10 thru 2" w/water
- 3390' - 18/10 thru 2" w/water
- 3913' - 18/10 thru 2" w/water
- 4372' - 42/10 thru 2" w/water
- 4555' - 22/10 thru 2" w/water
- 4800' - 18/10 thru 2" w/water
- 5047' - 20/10 thru 2" w/water
- 5200' - 22/10 thru 2" w/water
- T.D. - 2/10 thru 2" w/water
- D.C. - 12/10 thru 2" w/water

(Attach separate sheets as necessary)

895-8

47-017-3767

Issued 12/27/89

Expires 12/27/91

FORM WW-2B

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: Blauser/W.B. Maxwell #9 WVDOD001109 3) Elevation: 1165'
- 4) Well type: (a) Oil or Gas
(b) If Gas: Production Underground Storage
Deep Shallow
- 5) Proposed Target Formation(s): Alexander 439
- 6) Proposed Total Depth: 5275 feet
- 7) Approximate fresh water strata depths: 240', 475', 517', 231', 25'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None 306'-309'
- 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	1340'	1340'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2.2
Intermediate						
Production	4 1/2"	J-55	10.5	5195	5195'	38CSR18-11.1
Tubing	1 1/2"	H-40	2.75			
Liners						

RECEIVED
DEC 11 1989

PACKERS : Kind _____
Sizes _____
Depths set _____

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Amberline Agent

9308

23

117-3767

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DEC 11 1989

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

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date: July 20, 1989
Operator's well number
Blauser/W.B. Maxwell #9 - WVDOD001109
API Well No: 47 - 017 - 3767
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 _____
- 5) (a) Coal Operator:
 - Name None
Address _____
 - (b) Coal Owner(s) with Declaration
Name _____
Address _____
 - Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name _____
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 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
 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

John Lawrence Lowe Notary Public
 My commission expires July 2, 1996