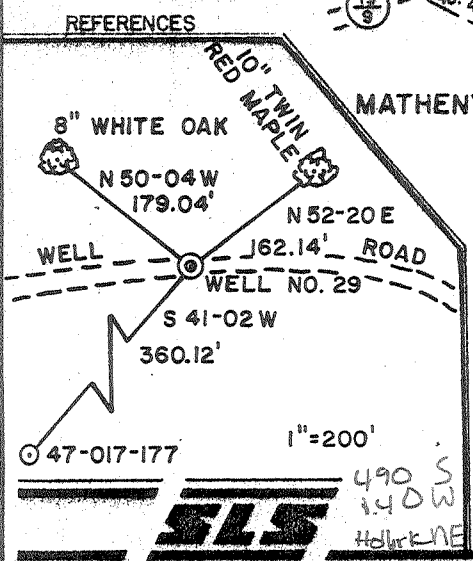
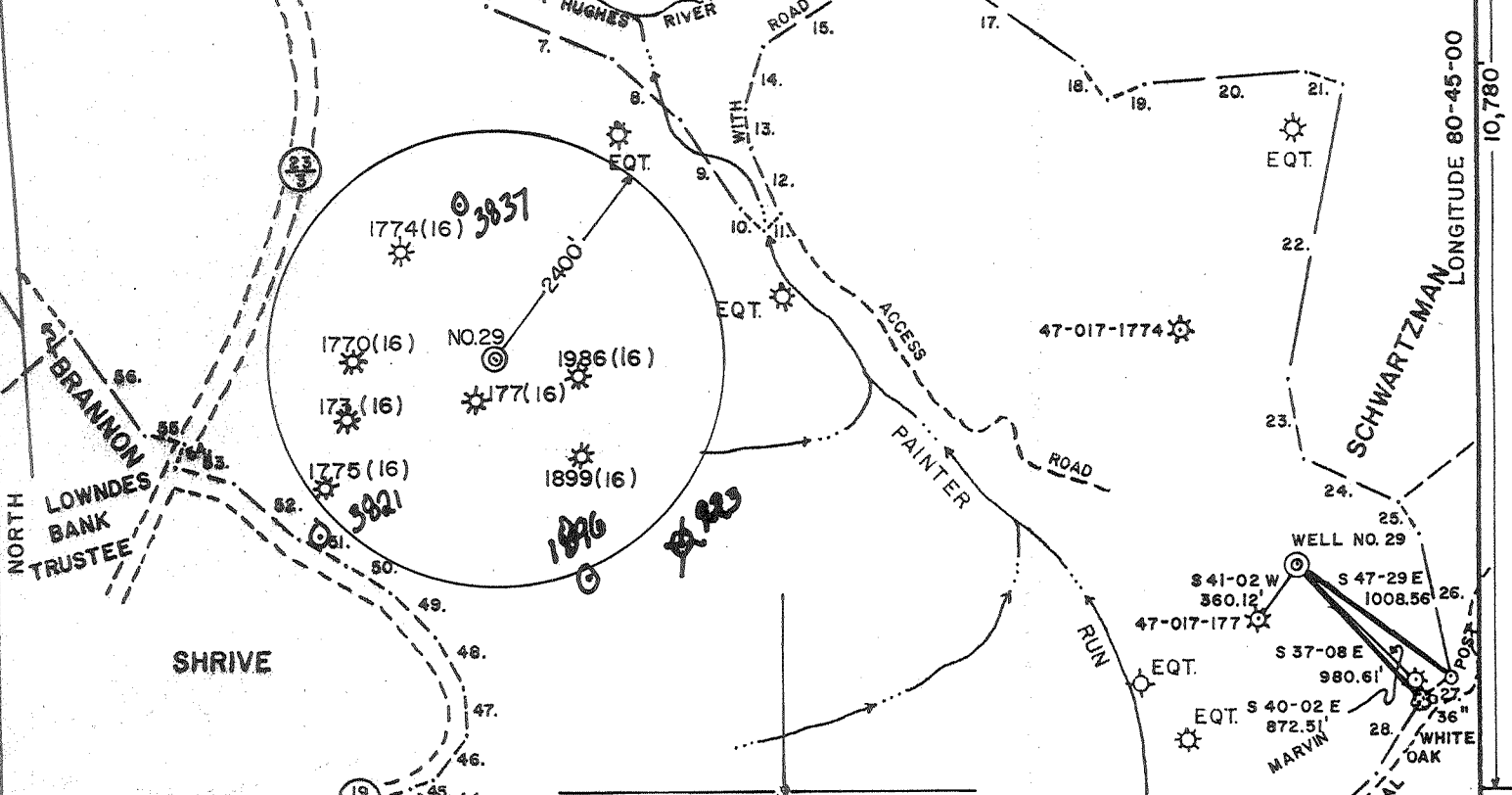


Jan 19/90

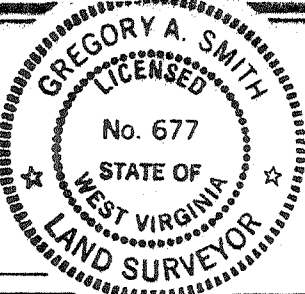
BLAUSER/W.B. MAXWELL LEASE BLAUSER/W.B. MAXWELL WELL NO. 29 1891.75 ACRES ± TOTAL



(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 283.80
(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 177.38	(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 334.13	(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 667.43

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. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JANUARY 18, 19 90
 OPERATORS WELL NO. BLAUSER/W.B. MAXWELL
 WELL NO. 29
 API WELL NO. 47-017-3838
 STATE WV COUNTY DODDRIDGE PERMIT WVDODO01129

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2082 (29-48)
 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 1202' WATERSHED PAINTER RUN
 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. 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 5335'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX N GLENVILLE, WV. 26351 259 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.: BLAUSER/MAX 29

LOCATION: Elevation: 1202.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 10780 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 7420 Feet West of 80 Deg. 45 Min. 0 Sec.

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

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 07/17/90
Well work Commenced: 08/16/90
Well work Completed: 09/06/90
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5447'
Fresh water depths (ft) 100', 103', 485'
Salt water depths (ft) N/A

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"	1423.70'	1423.70'	C.T.S.
4-1/2"	5251.55'	5251.55'	903
1-1/2"	---	5071.60'	---

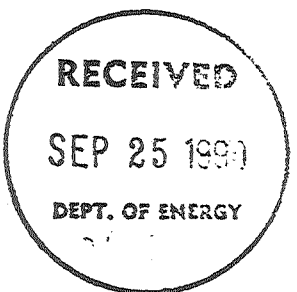
OPEN FLOW DATA

Riley (Commingle)

Producing formation Alexander, Benson/3rd Riley, Pay zone depth (ft) 5193.5'-4416'
Gas: Initial open flow 919 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 540 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 1095 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 11, 1990

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

3-STAGE FOAM-FRAC

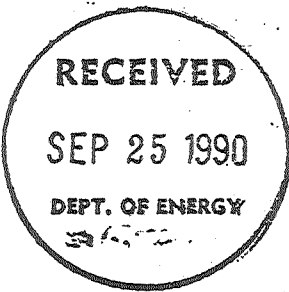
Stage 1: Alexander - 14 holes (5193.5'-5135') Breakdown 2170 psi, 65 Quality foam, 20 lbs/1000 gals Gel, 70,000 lbs 20/40 sand, 500 gals HCl, 582,000 scf of N₂

Stage 2: Benson/3rd Riley - 13 holes (4852'-4764.5') Breakdown 2495 psi, 20 lbs/1000 gals Gel, 5,000 lbs 80/100 sand, 60,000 lbs 20/40 sand, 500 gals 15% HCl, 733,000 scf of N₂

Stage 3: Riley - 13 holes (4436'-4416') Breakdown 1500 psi, 65 Quality foam, 20 lbs/1000 gals Gel, 5,000 lbs 80/100 sand, 55,000 lbs 20/40 sand, 500 gals 15% HCl, 704,000 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
Sandy Shale			0	27	Hole wet @ 100'
Shale and Red Rock			27	51	1-1/2" stream water @ 103'
Sand			51	113	1/2" stream water @ 485'
Red Rock			113	127	
Sandy Shale			127	190	
Red Rock			190	217	
Shale			217	260	<u>GAS CHECKS:</u>
Red Rock			260	377	2010' - 8/10 thru 2" w/water
Sand			377	410	2136' - 11/10 thru 2" w/water
Red Rock and Shale			410	466	2510' - 8/10 thru 2" w/water
Sandy Shale			466	553	2824' - 8/10 thru 2" w/water
Red Rock			553	600	3201' - 10/10 thru 2" w/water
Sandy Shale			600	640	3419' - 10/10 thru 2" w/water
Red Rock			640	673	3825' - 4/10 thru 2" w/water
Sandy Shale			673	815	4573' - 6/10 thru 2" w/water
Sandy Shale			815	850	4730' - 6/10 thru 2" w/water
Red Rock and Shale			850	889	4855' - 6/10 thru 2" w/water
Sandy Shale			889	1170	D.C. - 4/10 thru 2" w/water
Shale and Red Rock			1170	1856	
Sand and Shale			1856	1879	
Little Lime			1879	1898	
Big Lime			1898	2011	
Sandy Shale			2011	2560	
Gordon			2560	2616	
Sandy Shale			2616	4420	
Riley			4420	4466	
Sandy Shale			4466	5447 T.D.	



10871

(Attach separate sheets as necessary)

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 #29 3) Elevation: 1202'
WVD0001129
- 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: 5335 feet
- 7) Approximate fresh water strata depths: 50', 289'
- 8) Approximate salt water depths: None 1365'
- 9) Approximate coal seam depths: 392' 325'-335' Coal Blossom
- 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	1350'	1350'	C.T.S. 38CSR18-11.3 38CSR18-11.2.2
Coal						
Intermediate						
Production	4-1/2"	J-55	10.5	5250'	5250'	38CSR18-11.1
Tubing	1-1/2"	H-40	2.75			
Liners						

RECEIVED
Division of Energy

PACKERS : Kind _____
Sizes _____
Depths set _____

JUN 27 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 Security Blanket Agent
(Type)

1) Date: February 6, 1990
2) Operator's well number
Blauser/W.B. Maxwell #29 - WVDOD001129
3) API Well No: 47 - 017 - 3838
State - County _____

Permit
RECEIVED
Division of Energy
JUN 27 90
Permitting
Oil and Gas Section

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</p> <p>Name <u>None</u>
Address _____</p> <p>Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>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 11 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, 1990

My commission expires July 2, 1996 *Jo Lorraine Rowe* Notary Public