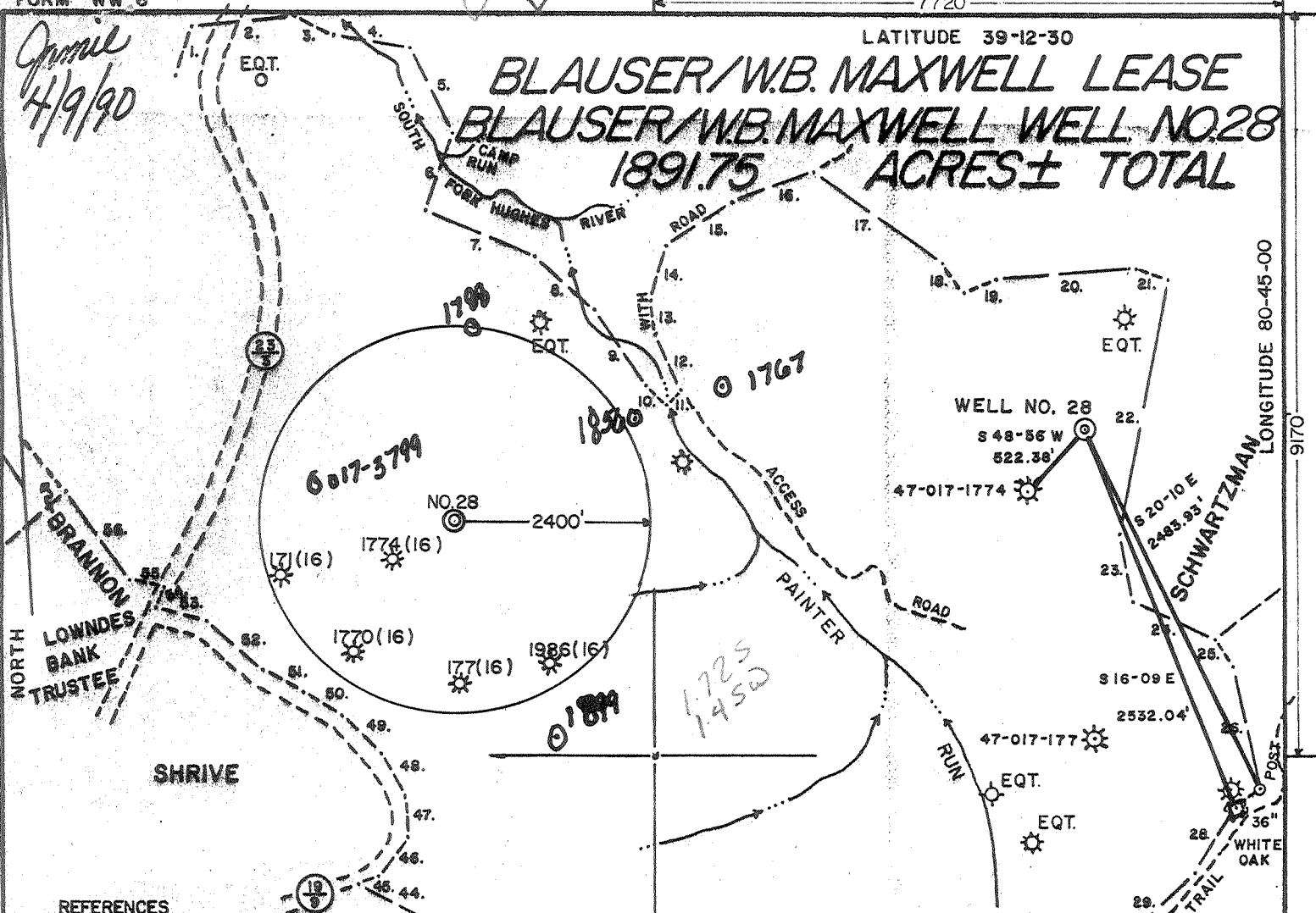


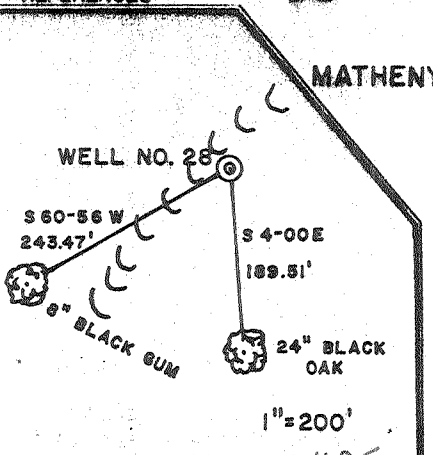
LATITUDE 39-12-30

April 4/9/90

BLAUSER/W.B. MAXWELL LEASE BLAUSER/W.B. MAXWELL WELL NO.28 1891.75 ACRES ± TOTAL



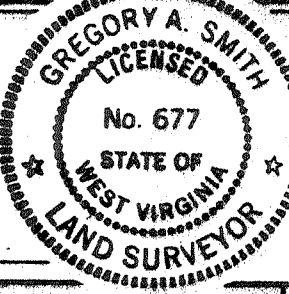
REFERENCES



(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 89-58 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. Gregory A. Smith
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JANUARY 18, 19 90
OPERATORS WELL NO. BLAUSER/W.B. MAXWELL
WELL NO. 28
API WELL NO. 47-017-3837
STATE WEST VIRGINIA COUNTY DODDRIDGE PERMIT WVD0001128

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2082 (29-47)
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 1221' WATERSHED SOUTH FORK HUGHES RIVER 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 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

Well Operator's Report of Well Work

Farm name: SCHWARTZMAN, BEATRICE Operator Well No.: BLAUSER/MAX 28, W.B.

LOCATION: Elevation: 1221.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 9170 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 7720 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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1378'	1378'	C.T.S.
4-1/2"	5320.85'	5320.85'	916
1-1/2"	---	5097'	---

Inspector: MIKE UNDERWOOD
Permit Issued: 07/17/90
Well work Commenced: 08/10/90
Well work Completed: 09/01/90
Verbal Plugging _____
Permission granted on: _____
Rotary Cable _____ Rig _____
Total Depth (feet) 5507'
Fresh water depths (ft) 400'
Salt water depths (ft) 1644'

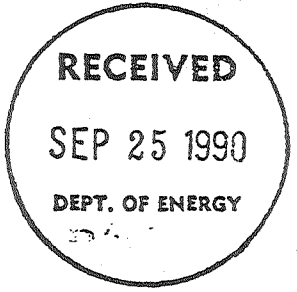
Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

OPEN FLOW DATA

Riley (Commingled)
Producing formation Alexander, Benson/3rd Riley, Pay zone depth (ft) 5195'-4417.5'
Gas: Initial open flow 750 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 440 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 930 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 10, 1990

OCT 1 1990

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

3-STAGE FOAM-FRAC

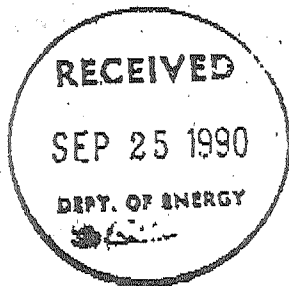
Stage 1: Alexander - 14 holes (5195'-5131.5') Breakdown 1930 psi, 65 Quality foam, 20 lbs/1000 gals Gel, 54,000 lbs 20/40 sand, 500 gals 15% HCl, 737,800 scf of N₂

Stage 2: Benson/3rd Riley - 16 holes (4852.5'-4766') Breakdown 1550 psi, 70 Quality foam pad, 65 Quality foam, 20 lbs/1000 gals Gel, 5,000 lbs 80/100 sand, 55,000 lbs 20/40 sand, 500 gals 15% HCl, 747,000 scf of N₂

Stage 3: Riley - 16 holes (4442.5'-4417.5') Breakdown 2090 psi, 70 Quality foam pad, 65 Quality foam, 20 lbs/1000 gals Gel, 5,000 lbs 80/100 sand, 40,000 lbs 20/40 sand, 500 gals 15% HCl, 661,500 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
K.B. to Ground Level			0	10	Hole Damp @ 400'
Sand and Shale			10	51	Hole Damp @ 1644'
Sand			51	100	
Shale and Red Rock			100	125	
Sand, Shale and Red Rock			125	980	<u>GAS CHECKS:</u>
Sand and Shale			980	1730	1705' - No show
Sand			1730	1770	2150' - No show
Sand and Shale			1770	1842	2420' - No show
Little Lime			1842	1856	2828' - No show
Sand and Sandy Shale			1856	1896	3265' - Odor
Big Lime			1896	1968	3424' - Odor
Big Injun			1968	2030	3917' - Odor
Shale and Sandy Shale			2030	2172	4412' - Odor
Weir			2172	2282	4600' - Odor
Shale and Sandy Shale			2282	2374	4850' - 2/10' thru 2" w/water
Berea			2374	2383	5007' - 2/10 thru 2" w/water
Shale with Minor Sand			2383	3240	5319' - 2/10 thru 2" w/water
Warren			3240	3271	T.D. - 2/10 thru 2" w/water
Shale with Minor Sand			3271	4406	D.C. - 2/10 thru 2" w/water
Riley			4406	4444	
Shale and Sandy Shale			4444	4754	
3rd Riley			4754	4788	
Shale			4788	4848	
Benson			4848	4854	
Shale and Sandy Shale			4854	5096	
Alexander			5096	5200	
Shale and Sandy Shale			5200	5507 T.D.	



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017-3837
Issued 7/12/90

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

Expires 7/17/92

- 1) Well Operator: Eastern American Energy Corporation 14980 (7) 525
- 2) Operator's Well Number: Blauser/W.B. Maxwell #28 WVDOD001128 3) Elevation: 1221'
- 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: 267' 177'
- 8) Approximate salt water depths: None @ 1402'
- 9) Approximate coal seam depths: 411'
- 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	1375'	1375'	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
JUN 27 90
Permitting
Oil and Gas Section

PACKERS : Kind
Sizes
Depths set

For Division of Oil and Gas Use Only

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

116 99
17

1) Date: February 6, 1990
2) Operator's well number
Blauser/W.B. Maxwell #28 - WVDOD001128
3) API Well No: 47 - 017 - 3837
State - County - Permit

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

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

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 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 12 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 14th day of February, 1990

My commission expires July 2, 1996 *Jo Lorraine Howe* Notary F