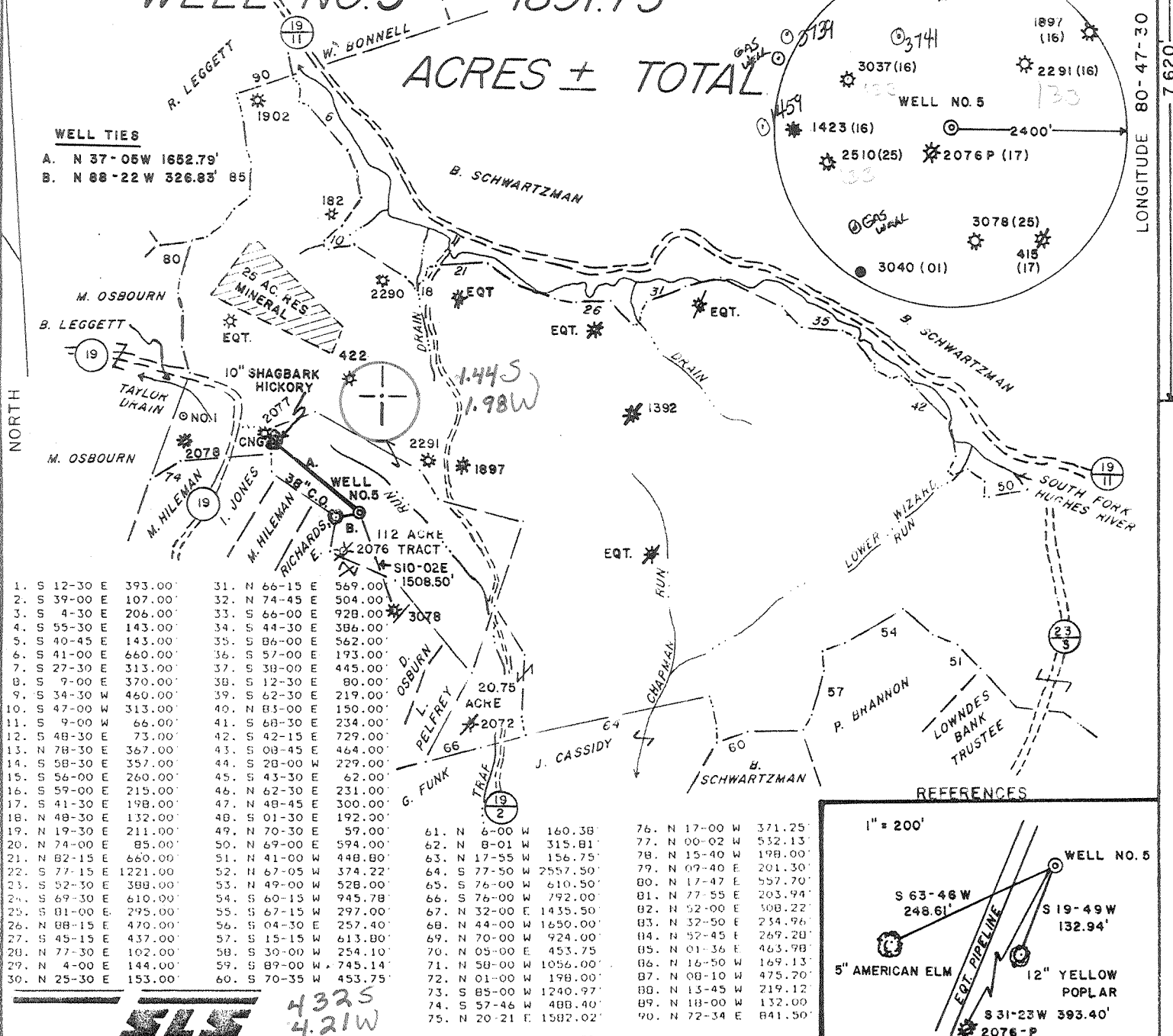


BLAUSER/W.B. MAXWELL LEASE

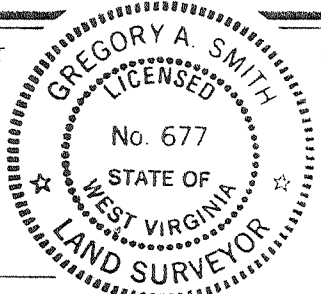
WELL NO. 5 1891.75

ACRES ± TOTAL



SLS 4325 4.21W

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. 5

API WELL NO. 47-017-3757

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2062 (29-35)

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 1145' WATERSHED TRAP RUN

DISTRICT SOUTH WEST 7 COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER BEATRICE SCHWARTZMAN ACREAGE 112 Holbrook

ROYALTY OWNER W.B. MAXWELL HEIRS et.al. LEASE ACREAGE 112 OF 1891.75 NE

PROPOSED WORK: LEASE NO. WV01918

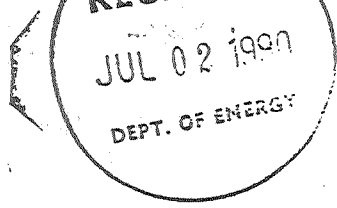
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION ALEXANDER

ESTIMATED DEPTH 5310'

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

API # 47- 17-03757

Well Operator's Report of Well Work

Farm name: SCHWARTZMAN, BEATRICE Operator Well No.: BLAU/MAXWELL #5 W.B.

LOCATION: Elevation: 1145.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 7620 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 10600 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: 10/18/89
Well work Commenced: 03/12/90
Well work Completed: 03/23/90
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5356'
Fresh water depths (ft) 47'
Salt water depths (ft) 1970'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 283'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1334'	1334'	C.T.S.
4-1/2"	5263.25'	5263.25'	884
1-1/2"	---	5106.65'	---

OPEN FLOW DATA

Riley, Speechley/Warren (Commingled) 5178'-
Producing formation Alexander, Benson/3rd Riley Pay zone depth (ft) 3301'
Gas: Initial open flow 1678 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 696 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 1150 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: June 26, 1990

JUL 6 1990

- Stage 1 - Alexander - 14 holes (5178'-5131.5') Breakdown 3460 psi, 65 Quality foam, 30 lbs/1000 gals Gel, 60,000 lbs 20/40 sand, 500 gals 15% HCl acid and 598,700 scf of N₂
- Stage 2 - Benson/3rd Riley - 10 holes (4863.5'-4790') Breakdown 1920 psi, 65 Quality foam, 30 lbs/1000 gals Gel, 30,000 lbs 20/40 sand, 500 gals HCl acid, 392,600 scf of N₂
- Stage 3 - Riley - 13 holes (4473.5'-4435.5') Breakdown 1630 psi, 75 Quality foam, 30 lbs/1000 gals Gel, 30,000 lbs 20/40 sand, 500 gal 15% HCl acid, 468,400 scf of N₂
- Stage 4 - Speechley/Warren - 14 holes (3422'-3301') Breakdown 1800 psi, 75 Quality foam, 30 lbs/1000 gals Gel, 25,000 lbs 20/40 sand, 650 gal 28% HCl acid, 346,100 scf of N₂

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Soil			0	15	Including indication of all fresh and salt water, coal, oil and gas
Sandy Shale			15	115	
Red Rock			115	130	1" water @ 47'
Sand			130	240	Hole Damp @ 1920'
Shale and Red Rock			240	255	<u>GAS CHECKS:</u>
Sandy Shale			255	283	
Coal			283	290	
Sandy Shale			290	500	
Red Rock			500	550	
Sand and Sandy Shale			550	900	
Red Rock			900	955	
Sand and Sandy Shale			955	1856	
Little Lime			1856	1874	
Sand and Shale			1874	1903	
Big Lime			1903	1960	
Sand and Shale			1960	2045	
Shale			2045	2201	
Weir			2201	2324	
Shale			2324	2502	
Berea			2502	2507	
Shale w/Some Sand			2507	3258	
Warren			3258	3320	
Shale w/Trace Sand			3320	4421	
Riley			4421	4477	
Shale w/Some Sand			4477	4854	
Benson			4854	4894	
Shale w/Trace Sand			4894	5101	
Alexander			5101	5181	
Shale			5181	5356 T.D.	

(Attach separate sheets as necessary)

2519

47-017-3757

Issued 10/18/89

Expires 10/18/91

Page 3 of 8

FORM WW-2B

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 #5 3) Elevation: 1145'
- 4) Well type: (a) Oil / or Gas XX /
(b) If Gas: Production XX / Underground Storage /
Deep / Shallow XX /
- 5) Proposed Target Formation(s): Alexander
- 6) Proposed Total Depth: 5310 feet
- 7) Approximate fresh water strata depths: 100' 0459' 0243' 0255'
- 8) Approximate salt water depths: None Probably 01982'
- 9) Approximate coal seam depths: DK None None Reported
- 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	1325'	1325'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2 2
Intermediate						
Production	4 1/2"	J-55	10.5	5230'	5230'	38CSR18-11.1
Tubing	1 1/2"	11-40	2.75			
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

RECEIVED
OCT 23 1989

For Division of Oil and Gas Use Only
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

5617
27 | Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket Sure Agent

RECEIVED
OCT 03 1989

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

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: July 20, 1989
2) Operator's well number
Blauser/W.B. Maxwell #5 - WVDOD001105
3) API Well No: 47 - 017 - 3757
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 _____

(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 2nd day of October, 1989

Jo Lorraine Lowe Notary Public
My commission expires July 2, 1996