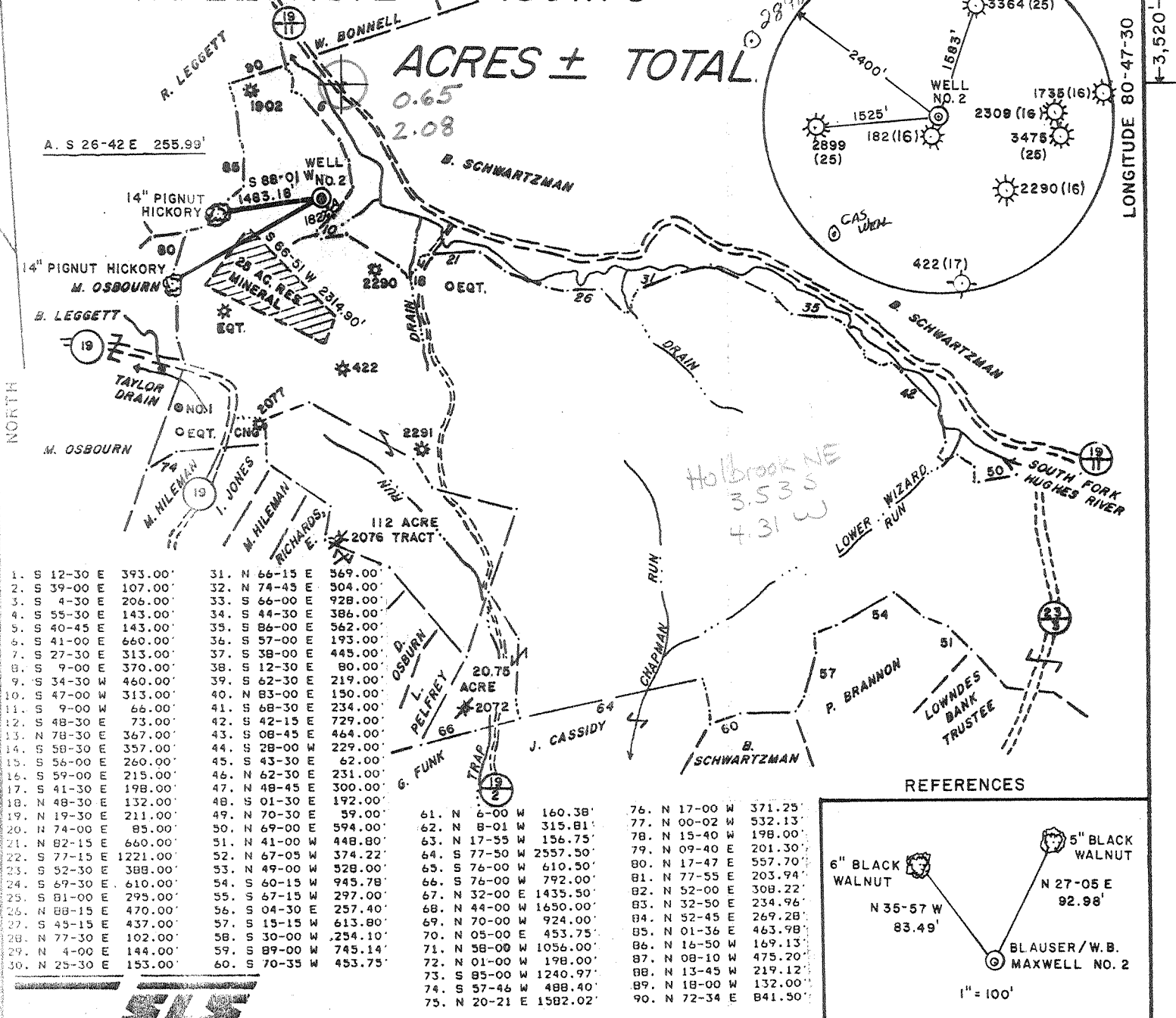


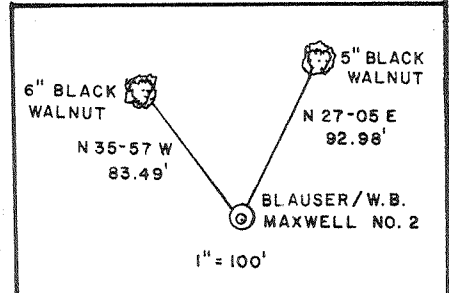
BLAUSER/W.B. MAXWELL LEASE

WELL NO. 2 1891.75

ACRES ± TOTAL

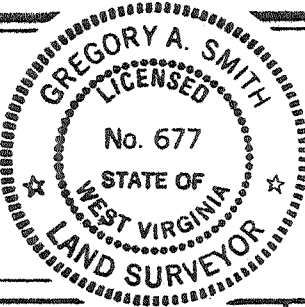


REFERENCES



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. 2
 API WELL NO. 47 - 017 - 3740
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 2082 (29-31)
 SCALE 1" = 2000'
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1250'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1041' WATERSHED SOUTH FORK HUGHES RIVER
 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: LEASE NO. WVO1918-*
 DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X 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 5175'

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 #2 W.1

LOCATION: Elevation: 1041.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 3520 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 11000 Feet West of 80 Deg. 47 Min. 30 Sec.

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

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 11/29/89
Well work Commenced: 04/16/90
Well work Completed: 04/20/90
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5343'
Fresh water depths (ft) 190'
Salt water depths (ft) 1310'

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
8-5/8"	1288'	1288'	C.T.S.
4-1/2"	5141.95'	5141.95'	786.35

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 918'

OPEN FLOW DATA

Bradford/Speechley-Warren (Commingled)
Producing formation Alexander/Benson/3rd Riley- Pay zone depth (ft) 5047'-3170.5'
Gas: Initial open flow 750 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 378 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 970 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.

RECEIVED
Division of Energy

JUL 06 90

Permit
Oil and Gas Section

For: Rich Heffelfinger
EASTERN AMERICAN ENERGY CORP.

By: Rich Heffelfinger, Vice President - Regional Operations
Date: July 2, 1990

JUL 16 1990

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

4-STAGE FOAM FRAC:

- Stage 1: Alexander - 13 holes (5047'-5007') Breakdown 3170 psi, 65 Quality foam, 30 lbs/1000 gals Gel, 69,700 lbs 20/40 sand, 500 gals 15% HCl, 580,725 scf of N₂
- Stage 2: Benson/3rd Riley - 12 holes (4738'-4671') Breakdown 2350 psi, 65 Quality foam, 30 lbs/1000 gals Gel, 42,700 lbs 20/40 sand, 500 gals 15% HCl, 516,925 scf of N₂
- Stage 3: Riley/Bradford - 13 holes (4352.5'-4220.5') Breakdown 2030 psi, 70 Quality foam, 30 lbs/1000 gals Gel, 40,700 lbs 20/40 sand, 500 gals 15% HCl and 534,725 scf of N₂
- Stage 4: Speechley/Warren - 14 holes (3306.5'-3170.5') Breakdown 2220 psi, 70 Quality foam, 30 lbs/1000 gals Gel, 35,400 lbs 20/40 sand, 650 gals 28% HCl acid, 387,725 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	10	1/2" stream water @ 190'
Shale and Red Rock			10	130	Oil @ 985'
Sand			130	200	Hole wet @ 1310' @ 1/2 to 3/4 of water and oil
Sand and Shale			200	225	
Shale and Red Rock			225	285	
Sand			285	320	
Shale and Red Rock			320	450	
Sand			450	470	
Sand and Shale			470	568	
Shale and Red Rock			568	740	
Sand			740	785	
Sand, Shale and Red Rock			785	890	
Sand and Shale			890	918	
Coal			918	923	
Sand and Shale			923	1386	
Black Shale			1386	1418	
Sand and Shale			1418	1728	
Sand, Shale and Possible Limestone			1728	1752	
Little Lime			1752	1762	
Sand and Shale			1762	1783	
Big Lime			1783	1837	
Big Injun			1837	1935	
Shale and Sand			1935	2086	
Weir SS			2086	2212	
Shale and Trace of Sand			2212	2282	
Berea			2282	2289	
Shale and Trace of Sand			2289	3149	
Warren SS			3149	3206	
Shale and Trace of Sand			3206	4316	
Riley SS			4316	4356	
Shale w/Trace Sand			4356	4732	
Benson			4732	4770	
Shale w/Trace Sand			4770	4977	
Alexander			4977	5075	
Shale			5075	5343 T.D.	

GAS CHECKS:

- 1829' - No show
- 1892' - No show
- 2050' - No show
- 2302' - 4/10 thru 1" w/water
- 2715' - 8/10 thru 1" w/water
- 3160' - 8/10 thru 1" w/water
- 3350' - 18/10 thru 1" w/water
- 3539' - 16/10 thru 1" w/water
- 3920' - 16/10 thru 1" w/water
- 4302' - 14/10 thru 1" w/water
- 4491' - 14/10 thru 1" w/water
- 4712' - 12/10 thru 1" w/water
- 4840' - 60/10 thru 1" w/water
- 4998' - 40/10 thru 1" w/water
- 5124' - 40/10 thru 1" w/water
- T.D. 5343' - 20/10 thru 1" w/water
- D.C. - 8/10 thru 1" w/water

9312

(Attach separate sheets as necessary)

017-3740

Issued 11/29/89 Expires 11/29/91

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 14980 (7) SJS
- 2) Operator's Well Number: Blauser/W.B. Maxwell #2 3) Elevation: 1041'
WVDOD001102
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Alexander
- 6) Proposed Total Depth: 5175 feet
- 7) Approximate fresh water strata depths: 170'
- 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	Fill-up (cu. ft.)
Conductor	11"	F-25	37.5	30'	-----	
Fresh Water	8 5/8"	J-55	20.0	1225'	1225'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2 2
Intermediate						
Production	4 1/2"	J-55	10.5	5100'	5100'	38CSR18-11.1
Tubing	1 1/2"	H-40	2.75			
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

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 JUL 24 1989

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

5470
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket Order Agent

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JUL 24 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
Blausler/W.B. Maxwell #2 - WVDOD001102
API Well No: 47 - 017 - 3740
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 _____

6) Inspector Mike Underwood
Address Rt. 2, Box 135
Salem, WV 26426
Telephone (304)- 782-1043

(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 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 21st day of July, 1989

My commission expires July 2, 1996 Notary Public