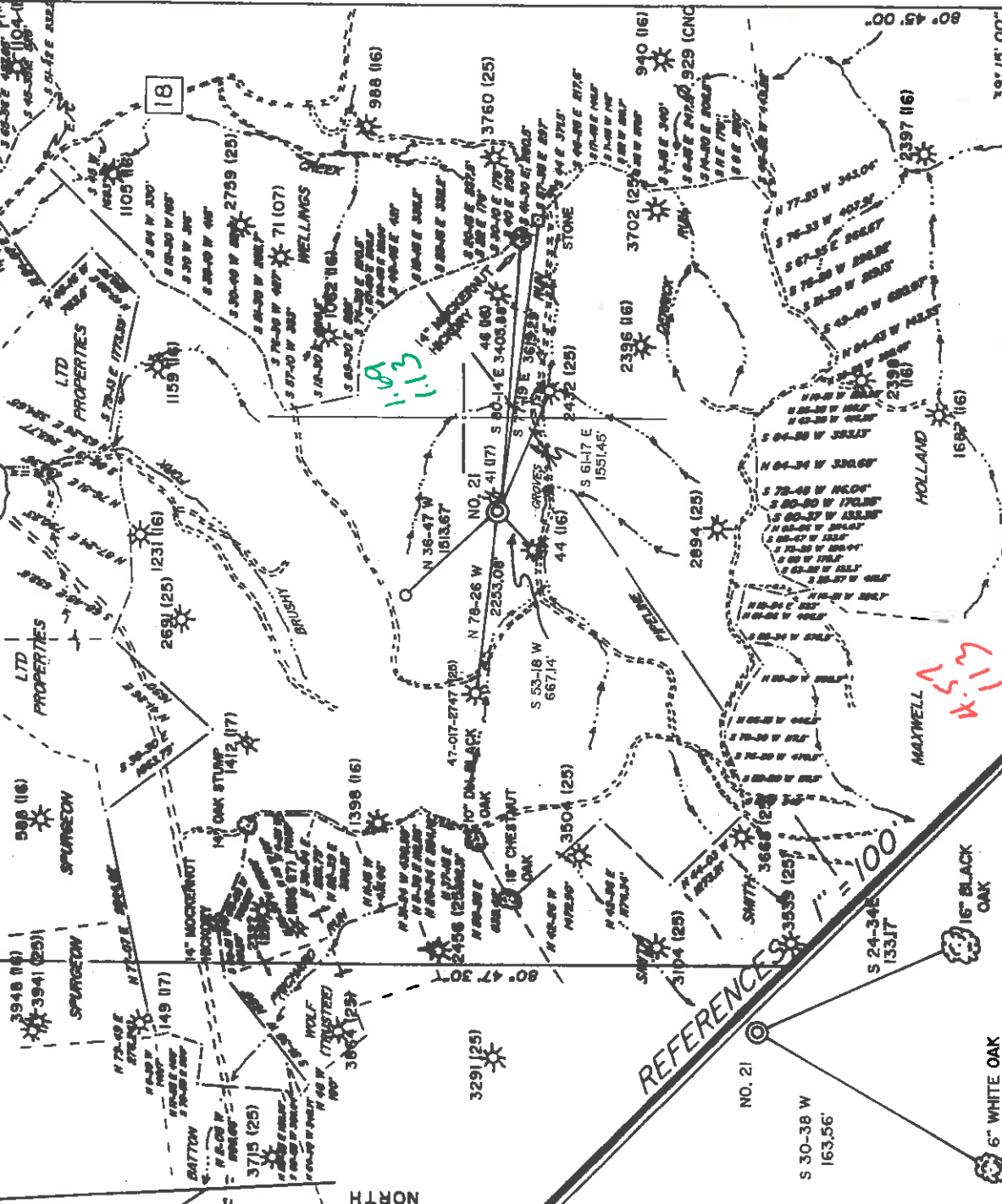
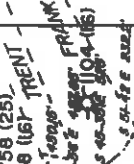


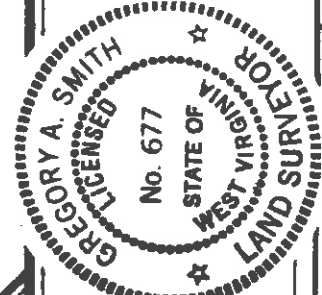
ASHLAND/MAXWELL LEASE 1564.81 ACRES ± WELL NO. 21



NOTE: ALL WELLS WITHIN 2400' ARE SHOWN HEREON.

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 DECEMBER 9, 19 92
OPERATORS WELL NO. ASHLAND / MAXWELL
API WELL NO. 47-017-04222
WELL NO. 21

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2777 (42-20)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1352 SCALE 1" = 2000'

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1123' WATERSHED GROVES RUN OF BLUESTONE CREEK

DISTRICT WEST UNION COUNTY DODDRIDGE
SURFACE OWNER ANNA DAVIES RILEY ET. AL.
ROYALTY OWNER LEWIS MAXWELL ET. AL.

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 5340'

WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI
ADDRESS BOX N GLENVILLE, WV 26351
ADDRESS 501 56th ST, CHARLESTON, WV 25304

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: Davies, John R. et al Operator Well No.: Ashland/Max 21

LOCATION: Elevation: 1,123.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
Latitude: 8890 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 6000 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: EASTERN AMERICAN ENERGY C
P. O. BOX 820
GLENVILLE, WV 26351-0820

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 10/18/95
Well work Commenced: 02-10-96
Well work Completed: 02-16-96
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5405'
Fresh water depths (ft) 245', 496'

Salt water depths (ft) None

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

OPEN FLOW DATA

Producing formation Alexander, Riley Pay zone depth (ft) 5209' - 4434'
Gas: Initial open flow 307 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 219 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 1425 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: EASTERN AMERICAN ENERGY CORP

BY: _____

Date: 04-11-96

Senior Drilling
Supervisor

APR 19 1996

Casing & Tubing	Used in	Left in Well	Cement Fill Up
Size	Drilling	Drilling	Cu. Ft.
8-5/8"	1108'	1108'	CTS 270 SXS
4-1/2"	-----	5299'	700 SXS
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DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

2 Stage Frac

Stage One: 24 holes (5156'-5209'), Fractured w/30 lbs/1000 gals gelled water, 60,000 lbs of 20/40 sand and 500 gals of 15% HCl acid.

Stage Two: 14 holes (4434'-4456'), Fractured w/30 lbs 1000 gals gelled water, 5,000 lbs of 80/100 sand, 40,000 lbs of 20/40 sand and 500 gals of 15% HCl acid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Clay			0	42	
Sand & Shale			42	480	Damp @ 245'
Sand			480	515	3/4" water @ 496'
Sand & Shale			515	785	Gas Checks:
Sand			785	810	1713' No Show
Sand & Shale			810	1770	1867' 4/10 1" water
Little Lime			1770	1800	2115' 4/10 1" water
Shale			1800	1820	2302' 4/10 1" water
Big Lime			1820	1915	2490' 14/10 1" water
Sand & Shale			1915	2140	2710' 30/10 1" water
Weir			2140	2240	3399' 50/10 1" water.
Sand & Shale			2240	2340	3493' 22/10 1" water
Berea			2340	2355	4622' 28/10 1" water
Sand & Shale			2355	2575	4904' 34/10 1" water
Gordon			2575	2590	5000' 32/10 1" water
Sand & Shale			2590	3230	5405' 24/10 1" water
Warren			3230	3270	DC 16/10 1" water
Sand & Shale			3270	3360	
Speechley			3360	3370	
Sand & Shale			3370	4420	
Riley			370	4420	
Sand & Shale			4420	4460	
Benson			4460	4875	
Sand & Shale			4875	4885	
Alexander			4885	5130	
Sand & Shale			5130	5210	
Sand & Shale			5210	5405 TD	

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 WV Division of
 Environmental Protection
 Permitting
 Office of Oil & Gas
 APR 12 1995

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WV Division of
Environmental Protection

FORM WW-2B SEP 29 1995

017-4822
Issued 10/16/95
Page 3 of 9
Expires 10/18/97

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

Office of Oil & Gas

259

Well Operator: Eastern American Energy Corporation

14980

671

21200

Operator's Well Number: Ashland/Maxwell #21

Elevation: 1123'

Well type: (a) Oil or Gas

(b) If Gas: Production Underground Storage
Deep Shallow

Proposed Target Formation(s): Alexander 439

Proposed Total Depth: 5340' feet

Approximate fresh water strata depths: 363'

Approximate salt water depths: None

Approximate coal seam depths: None

Does land contain coal seams tributary to active mine? Yes No

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	
Conductor	11-3/4"	F-25	32.0	40	-----	
Fresh Water	8-5/8"	F-25	20.0	1075	1075	C.T.S. 38CSR18-11.3
Coal	9-5/8"	F-25	26.0			38CSR18-11.2, 2
Intermediate	* 7 "	H-40	17.0			
Production	4-1/2"	J-55	10.5	5255	5255	38CSR18-11.1
Tubing						
Liners						

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 9-5/8 casing.
PACKERS : Kind _____
Sizes _____
Depths set _____

Fee Division of Oil and Gas Use Only

Fee(s) paid:

Well Work Permit

Reclamation Fund

WPCP

Plat

WW-9

Bond

WW-2B

(Type)

Agent

16

RECEIVED
WV Division of
Environmental Protection

1) Date: September 28, 1995
2) Operator's well number
Ashland/Maxwell #21
3) APT Well No: 47 - 017 - 04332
State County Permit

Office of Oil & Gas
STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name John R. Davies, et al 5) (a) Coal Operator:
Address 1006 43rd Street Name N/A
Vienna, WV 26105 Address _____

(b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name _____
Address _____

(c) Name COURTESY -
Tom Davies Address _____
Address 1104 Greenmont Circle Name _____
Vienna, WV 26105 Address _____

6) Inspector Mike Underwood (c) Coal Lessee with Declaration
Address Rt. 2 Box 135 Name N/A
Salem, WV 26426 Address _____
Telephone (304) - _____

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

Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 9 on the above named parties, by:

Personal Service (Affidavit attached)

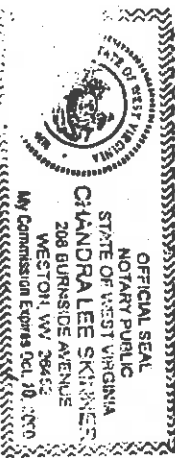
Certified Mail (Postmarked postal receipt attached)

Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 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. Galbreath
Its: Designated Agent
Address _____
P.O. Box 820
Glenville, WV 26351

Telephone (304) 462-5781
Subscribed and sworn before me this 28th day of September, 1995
Chandralee Skinner Notary Public
My commission expires October 10, 2000