

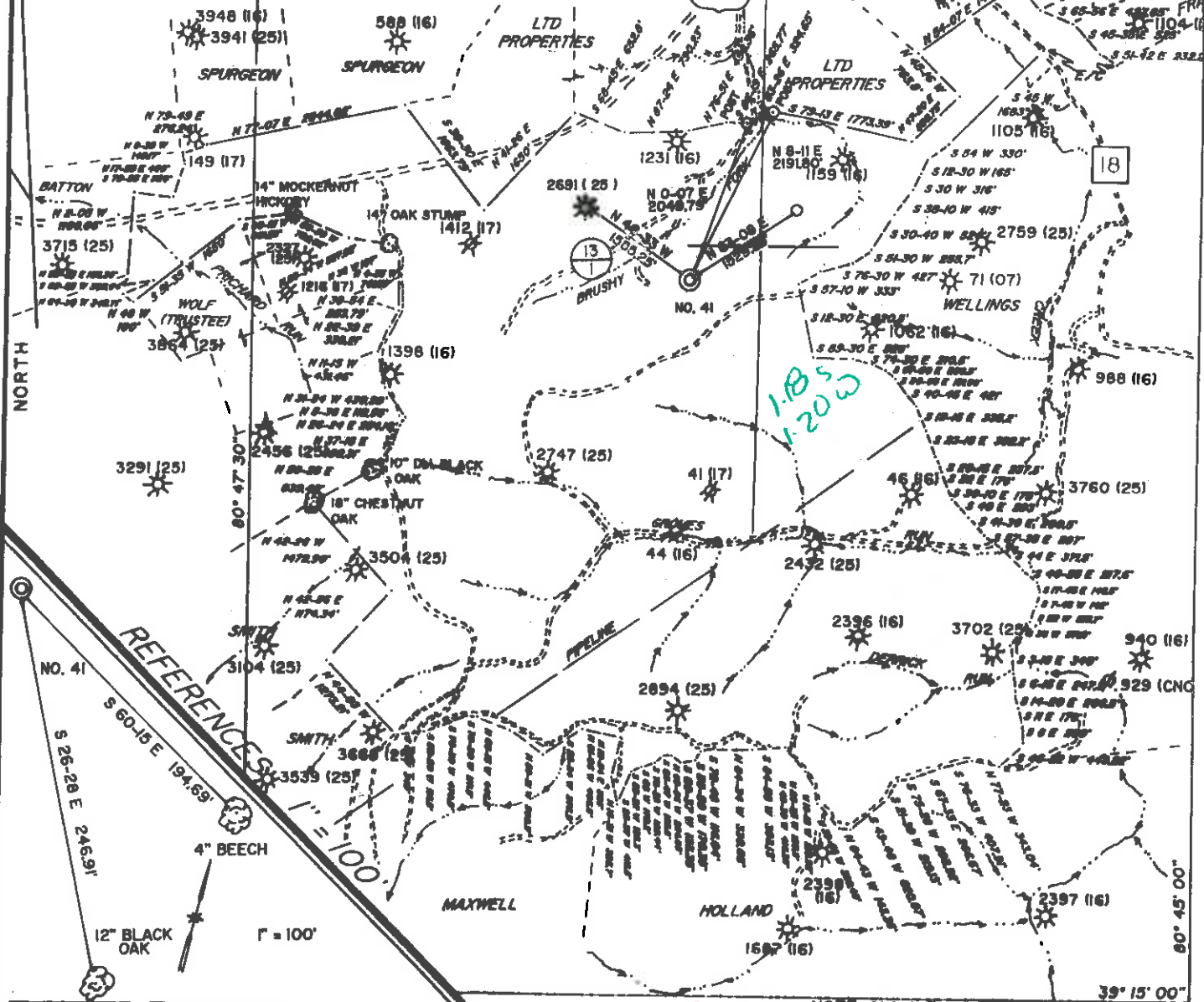
39° 17' 30"

LATITUDE 39° 17' 30"

NOTE: DUE TO DEED ERROR, CORNER MONUMENTS SHOWN AND TIED HEREON WILL NOT SCALE.

ASHLAND / MAXWELL LEASE

1564.81 ACRES ±
WELL NO. 41



LONGITUDE 80° 45' 00"

60° 45' 00"

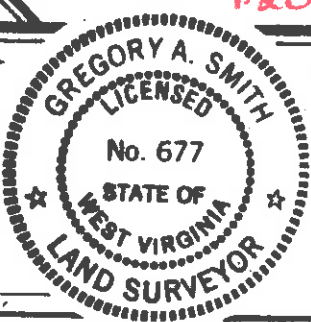
39° 15' 00"

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. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MARCH 10, 19 93
OPERATORS WELL NO. ASHLAND / MAXWELL
WELL NO. 41
API WELL NO. 47 - 017 - 4152
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2777 (42-40)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1352' 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 1046' WATERSHED BRUSHY FORK OF BLUESTONE CREEK

DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5 15
SURFACE OWNER ANNA DAVIES RILEY ET. AL. ACREAGE 1498.73 **SE**
ROYALTY OWNER LEWIS MAXWELL ET. AL. LEASE ACREAGE 1564.81

PROPOSED WORK: LEASE NO. WV02526 - +
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 5283'

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

COUNTY NAME PERMIT

575

259 6-6 99

FEB 07 1996

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

Permitting

Well Operator's Report of Well Work

Office of Oil & Gas

Farm name: RILEY, ANN DAVIES, ETAL Operator Well No.: ASHLND/MAXWL 41

LOCATION: Elevation: 1,046.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
 Latitude: 6240 Feet South of 39 Deg. 17Min. 30 Sec.
 Longitude 6350 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: 09/02/94
 Well work Commenced: 12-17-95
 Well work Completed: 12-22-95
 Verbal Plugging
 Permission granted on: _____
 Rotary X Cable _____ Rig
 Total Depth (feet) 5358'
 Fresh water depths (ft) 35', 420',
 710'
 Salt water depths (ft) None

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

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1057'	1057'	265 SXS
4-1/2"		5315'	700 SXS

OPEN FLOW DATA

(Commingled)

Producing formation Alexander, Riley, Balltown Pay zone depth (ft) 5230'-4020'
 Gas: Initial open flow 743 MCF/d Oil: Initial open flow N/A Bbl/c
 Final open flow 696 MCF/d Final open flow N/A Bbl/c
 Time of open flow between initial and final tests 15 Hour
 Static rock Pressure 1310 psig (surface pressure) after 24 Hour

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/c
 Final open flow _____ MCF/d Final open flow _____ Bbl/c
 Time of open flow between initial and final tests _____ Hour
 Static rock Pressure _____ psig (surface pressure) after _____ Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATE 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: Mark Jenkins Senior Drilling Supervisor
 Date: 02-05-96

FEB 0 1996 FEB 8 1996

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

3 Stage Frac:

Stage One: Alexander; 22 holes (5162.5'-5230'), Fractured w/energized water, (150 scf/bbl), 30 lbs gel/1000 gals, 60,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 93,000 scf of N₂.

Stage Two: Riley; 15 holes (4453'-4464'), Fractured w/energized water, (150 scf/bbl), 30 lbs gel/1000 gals, 5,000 lbs of 80/100 sand, 40,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 92,000 scf of N₂.

Stage Three: Balltown; 14 holes (4026'-4033'), Fractured w/energized water (150 scf/bbl), 30 lbs gel/1000 gals, 30,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 69,000 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
Sand & Shale			0	30	Hole Damp @ 35'
Sand			30	70	1/2" water @ 420'
Shale & Red Rock			70	285	3/4" water @ 710'
Sand			285	310	Oil odor @ 1930'
Sand & Shale			310	360	
Sand			360	420	Gas Checks:
Red Rock			420	480	
Sand & Shale			480	690	1315' No Show
Sand			690	720	1690' No Show
Sand & Shale			720	775	1844' No Show
Red Rock & Shale			775	965	2094' No Show
Sand			965	980	2281' No Show
Sand & Shale			980	1205	2342' No Show
Sand			1205	1290	2718' No Show
Sand & Shale			1290	1430	2934' No Show
Sand			1430	1435	3398' No Show
Shale			1435	1585	3802' No Show
Sand & Shale			1585	1590	4207' 6/10 thru 1" w/water
Shale & Sand			1590	1750	4518' 6/10 thru 1" w/water
Sand			1750	1802	4705' 6/10 thru 1" w/water
Little Lime			1802	1815	4862' 2/10 thru 1" w/water
Sand & Shale			1815	1832	4923' 2/10 thru 1" w/water
Big Lime			1832	1929	5234' 2/10 thru 1" w/water
Big Injun			1929	1950	TD-5358' 2/10 thru 1" w/water
Sand & Shale			1950	2157	
Weir			2157	2227	
Sand & Shale			2227	2345	
Berea			2345	2370	
Sand & Shale			2370	2470	
Gordon			2470	2520	
Sand & Shale			2520	3240	
Warren			3240	3260	
Sand & Shale			3260	3320	
Speechley			3320	3360	
Sand & Shale			3360	4005	
Balltown			4005	4100	
Sand & Shale			4100	4420	

FEB 9 1996

WELL LOG

017 4152

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Riley			4420	4503	
Sand & Shale			4503	4770	
3rd Riley			4770	4800	
Sand & Shale			4800	4875	
Benson			4875	4885	
Sand & Shale			4885	5160	
Alexander			5160	5220	
Sand & Shale			5220	5358 TD	

FEB 9 1936

FEB 9 1936

8/4/94

017-4152
Issued 09/02/94

Pages of 11
Expires 09/02/96

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

19590

Well Operator: ²⁵⁹ Eastern American Energy Corporation ¹⁴⁹⁵⁰ (8) 671

Operator's Well Number: Ashland/Maxwell #41 3) Elevation: 1046'

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: 5283' feet

7) Approximate fresh water strata depths: 110', 150', 288', 340'

8) Approximate salt water depths: None

9) Approximate coal seam depths: 142'-147', 200'-203'

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	11-3/4"	F-25	32.0	20'		O.K.M.J.
Fresh Water	8-5/8"	F-25	20.0	1050' / 1046'	1046' / 1050'	C.T.S. 38CSR18-11.3 38CSR18-11.2.2
Coal						
Intermediate	*					
Production	4-1/2"	J-55	10.5	----	5198'	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 _____

For Division of Oil and Gas Use Only

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

10/3/94
23

22

1) Date: August 4, 1994
2) Operator's well number
Ashland/Maxwell #41
3) API Well No: 47 - 017 - 4152
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

RECEIVED
WV Division of
Environmental Protection

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

AUG 04 94

Permitting
Office of Oil & Gas

4) Surface Owner(s) to be served:
(a) Name Anna Davies Riley, et al
Address Rt. 1, Box 161
Round Hill, VA 22141
(b) Name Tom Davies, POA
Address 1006 43rd Street
Vienna, WV 26105
(c) Name
Address

5) (a) Coal Operator:
Name N/A
Address
(b) Coal Owner(s) with Declaration
Name N/A
Address
Name
Address

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

(c) Coal Lessee with Declaration
Name N/A
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)

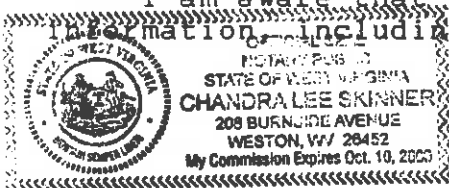
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 11 on the above named parties, by:

- 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. Gallo
Its: Designated Agent
Address P. O. Box 820
Glenville, WV 26351
Telephone (304) 462-5781

Subscribed and sworn before me this 4th day of August, 1994

Chandra Lee Skinner

Notary Public

My commission expires October 10, 2000