

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

NORTH

LONGITUDE 80° 45' 00"

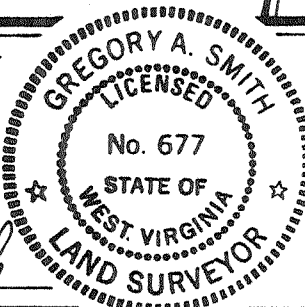
27065
0.1320

4.94
0.13



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. 44
API WELL NO. 47 - 017 - 4029
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2777 (42-41)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1285' SCALE 1" = 1000'

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 903' WATERSHED BLUESTONE CREEK
DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5' & 15 SE
SURFACE OWNER CHARLES WELLINGS Jr. ACREAGE P/O 650.84
ROYALTY OWNER LEWIS MAXWELL ET. AL. LEASE ACREAGE 1564.81
PROPOSED WORK: LEASE NO. WVO2526 - +
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 5091'

WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI
ADDRESS BOX N GLENVILLE, WV 26351 259 ADDRESS 501 56th St. CHARLESTON, WV 25304

APR 06 1993

COUNTY NAME PERMIT

RECEIVED

FORM WW-2B WV Division of Environmental Protection

017-4029
Issued 8/4/93
Page 3 of 9
Expires 8/4/95

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

- 1) Well Operator: Eastern American Energy Corporation 14980 (B) 671
- 2) Operator's Well Number: ASHLAND/MAXWELL #44 3) Elevation: 903'
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow 439
- 5) Proposed Target Formation(s): Alexander
- 6) Proposed Total Depth: 5091 feet
- 7) Approximate fresh water strata depths: 29'
- 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 ³ ft.)
Conductor	11-3/4"	F-25	32.0	20'		
Fresh Water	8-5/8"	F-25	20.0	1050'	1050'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2.2
Intermediate	*					
Production	4-1/2"	J-55	10.5		5006'	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

37485/13

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond Surety Blanket Agent (Type)

RECEIVED
WV Division of
Environmental Protection
JUL 1 9 93

1) Date: July 15, 1993
2) Operator's well number
ASHLAND MAXWELL #44
3) API Well No: 47 - 017 - 4029
State - County - Permit

Permitting STATE OF WEST VIRGINIA
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 Charles Wallings, Jr
Address Rt. 18 South, Box 3
West Union, WV 26456
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
- Name N/A
Address _____
 - (b) Coal Owner(s) with Declaration
Name N/A
Address _____
 - Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name N/A
Address _____
- 6) Inspector Mike Underwood
Address Rt. 2Box 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 9 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 820
Glennville, WV 26351
Telephone 304/462-5781

NOTARY PUBLIC
STATE OF WEST VIRGINIA
M. M. DEAN
200 MARKET AVE.
WESTON, WV 26452
My Commission Expires Feb. 26, 2002

Subscribed and sworn before me this 15th day of July, 1993

Marilyn M. Dean Notary Public
My commission expires February 26, 2002.

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

Well Operator's Report of Well Work

Farm name: WELLINGS, CHARLES, JR. Operator Well No.: ASHLD/MAXWL #44

LOCATION: Elevation: 903.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
Latitude: 10850 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 750 Feet West of 80 Deg. 45 Min. Sec.

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

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 08/04/93
Well work Commenced: 08/28/93
Well work Completed: 09/16/93
Verbal Plugging
Permission granted on: _____
Rotary xx Cable _____ Rig _____
Total Depth (feet) 5076'
Fresh water depths (ft) 80', 140', 222'
Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 190'-193'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	920'	920'	CTS 225 sxs
4-1/2"	---	5016.90'	700 sxs

OPEN FLOW DATA

(Commingled) Riley, Balltown 4940'-
Producing formation Alexander, Benson, 3rd Riley Pay zone depth (ft) 3713'
Gas: Initial open flow 1501 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 919 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 1250 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: Ronald L. Rech
EASTERN AMERICAN ENERGY CORP.

TM6

By: Ronald L. Rech, Regional Drilling Manager
Date: November 17, 1993

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

4 Stage Frac

- Stage One Alexander: 18 holes (4885'-4940'), fraced 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 102,000 scf of N2.
- Stage Two Benson/3rd Riley: 14 holes (4525'-4601'), fraced w/energized water (150 scf/bbl), 30 lbs gel/1000 gals, 50,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 100,000 scf of N2.
- Stage Three Riley: 18 holes (4152'-4170'), fraced w/energized water, (150 scf/bbl), 30 lbs gel/1000 gals, 38,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 90,000 scf of N2.
- Stage Four Balltown: 14 holes (3713'-3840'), fraced w/energized water (150 scf/bbl), 30 lbs gel/1000 gals, 45,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 95,000 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
Clay			0	3	
Sand & Shale			3	15	
Red Rock & Shale			15	20	1/2" stream water @ 80'
Sand & Shale			20	190	1/2" stream water @ 140'
Coal			190	193	Coal
Sand & Shale			193	278	1" stream water @ 222'
Red Rock			278	291	
Sand & Shale			291	460	1571' - 12/10 thru 1" w/water (36 MC
Red Rock			460	481	1698' - 10/10 thru 1" w/water (33 MC
Sand & Shale			481	1050	1857' - 10/10 thru 1" w/water (33 MC
Sand			1050	1132	2045' - 3/10 thru 1" w/water (18 MC
Sand & Shale			1132	1520	2266' - 6/10 thru 1" w/water (26 MC
Little Lime			1520	1532	2517' - 6/10 thru 2" w/water (103 MC
Sand & Shale			1532	1568	2898' - 8/10 thru 2" w/water (119 MC
Big Lime			1568	1630	3213' - 10/10 thru 2" w/water (133 MC
Big Injun			1630	1712	3531' - 10/10 thru 2" w/water (133 MC
Shale			1712	1864	3817' - 10/10 thru 2" w/water (133 MC
Weir			1864	1956	4098' - 8/10 thru 2" w/water (119 MC
Sand & Shale			1956	2066	4412' - 8/10 thru 2" w/water (119 MC
Berea			2066	2081	4601' - 10/10 thru 2" w/water (133 MC
Sand & Shale			2081	2258	4760' - 10/10 thru 2" w/water (133 MC
Gordon			2258	2315	5012' - 10/10 thru 2" w/water (133 MC
Sand & Shale			2315	2948	DC - 6/10 thru 2" w/water (103 MC
Warren			2948	2978	
Shale			2978	2996	
Warren			2996	3080	
Sand & Shale			3080	3676	
Balltown			3676	3843	
Shale			3843	4132	
Riley			4132	4172	
Sand & Shale			4172	4504	
3rd Riley			4504	4534	
Shale			4534	4596	
Benson			4596	4605	
Sand & Shale			4605	4844	
Alexander			4844	4955	
Shale			4955	5076	
TOTAL DEPTH				5076	

DF-424
DF-439

17645