

ASHLAND / HOLLAND LEASE

P10 640 & 1882.82 ACRES

WELL NO. 9

640 ACS LEASE BOUNDARY

1882.82 ACS LEASE BOUNDARY

DORSEY DAVIS

SCHWARTZMAN (SURFACE)

10" RED OAK

14" WHITE OAK

S 27-47 E

392.53'

572-06'

442.7'

NO. 9

N 46-27 E

318.36'

NO. 10

N 65-24 W

1536.72'

NO. 10

WARRON (SURFACE)

NO. 9

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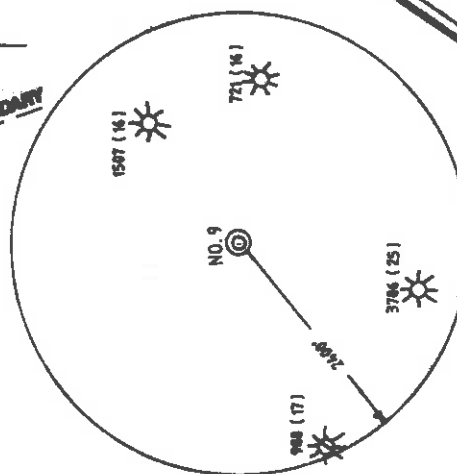
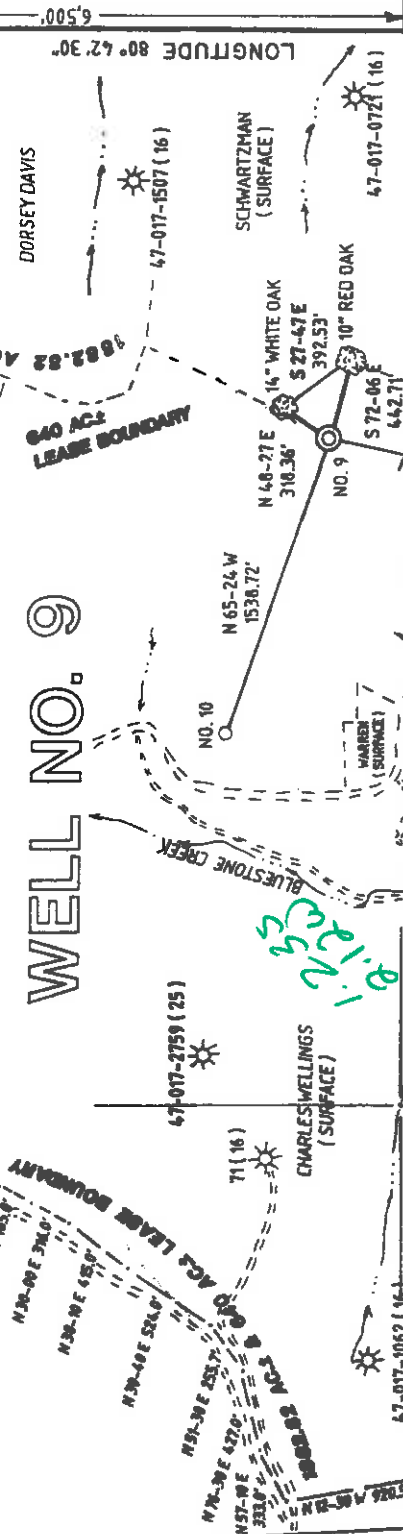
ASHLAND / HOLLAND LEASE

P/O 640 & 1882.82 ACRES

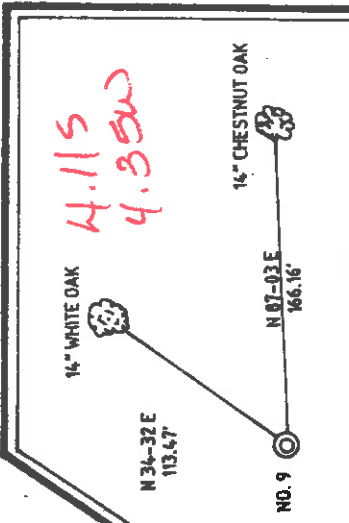
WELL NO. 9

LATITUDE 39° 17' 30"

LONGITUDE 80° 42' 30"

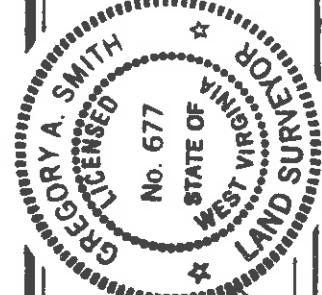


REFERENCES



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.S. *Gregory A. Smith*
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE JUNE 6, 19 94
 OPERATORS WELL NO. ASHLAND / HOLLAND NO. 9
 API WELL NO. 47 - 017 - 4138 COUNTY PERMIT



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3028 (44-51)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1285' SCALE 1" = 1000'

WELL TYPE: OIL GAS LIQUID WASTE DISPOSAL INJECTION "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1219' WATERSHED BLUESTONE CREEK

DISTRICT WEST JUNCTION COUNTY DODDRIDGE

SURFACE OWNER CHARLES WELTINGS, JR. QUADRANGLE SMITHBURG 25 COUNTY SMITH
SW
 ACREAGE 650.84

ROYALTY OWNER LEWIS MAXWELL III ET AL. LEASE ACREAGE 640.8 & 1882.82

PROPOSED WORK: LEASE NO. WV02584 - +

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) ALEXANDER TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5313'

COUNTY NAME SMITH PERMIT 47 - 017 - 4138

WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX N GLENVILLE, WV 26351 ADDRESS 501.56th ST. CHARLESTON, WV 25304
059 6-6-99

WR-35

18-Sep-98
API # 47-017-04138 W

Reviewed RS

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.: Ash/Holland #9

LOCATION: Elevation: 1219.00 Quadrangle: SMITHBURG
 District: WEST UNION County: DODDRIDGE
 Latitude: 6500 Feet South of 39 Deg. 17 Min. 30 Sec.
 Longitude: 11200 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: EASTERN AMERICAN ENERGY CORP
501 56TH STREET
CHARLESTON WV 25304

Agent: JOHN PALETTI

Inspector: MIKE UNDERWOOD
Permit Issued: 09/18/98
Well work commenced: 11/02/98
Well work completed: 11/02/98

Verbal plugging
permission granted on:

Rotary X Cable _____ Rig

Total Depth (feet) 5315' (AUG 1994)

Fresh water depths (ft) _____

Salt water depths (ft) NONE

Is coal being mined in area? (Y/N) N

Coal Depths (ft) NONE

OPEN FLOW DATA

Producing Formation GORDON Pay zone depth (ft) 2654' - 2630.5'
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow N/A MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock pressure 200 psi (surface pressure) after 24 Hours

2nd Producing Formation _____ Pay zone depth (ft) _____
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock pressure _____ psi (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.

JOHN PALETTI, AGENT

For: EASTERN AMERICAN ENERGY CORP.

By: John Paletti RS

Date: MARCH 10, 1999

MAR 29 1999

MAR 29 1999

Dodo 4138 W



AH019W35

STAGE ONE:

Gordon
22 holes (2654' - 2630.5') 25# cross link gel fracture, 500 gals 15%
HCl, 30,000 lbs 20/40 sand.

REGULATORY
OPERATIONS
PERMITS

MAR 22 1999

WV Division of
Environmental Protection

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

OCT 28 1994

Permitting
 Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: WELLINGS, CHARLES, JR. Operator Well No.: ASHLND/HOLND #9

LOCATION: Elevation: 1,219.00 Quadrangle: SMITHBURG

District: WEST UNION County: DODDRIDGE
 Latitude: 6500 Feet South of 39 Deg. 17Min. 30 Sec.
 Longitude 11200 Feet West of 80 Deg. 42 Min. 30 Sec.

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

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
 Permit Issued: 06/27/94
 Well work Commenced: 08-08-94
 Well work Completed: 08-13-94
 Verbal Plugging
 Permission granted on: _____
 Rotary Cable Rig
 Total Depth (feet) 5315'
 Fresh water depths (ft) 196'

Salt water depths (ft) NONE
 Is coal being mined in area (Y/N)? N
 Coal Depths (ft): NONE

OPEN FLOW DATA

Alexander, Benson, 3rd Riley, Riley, Balltown
 Producing formation (Commingled) Pay zone depth (ft) 2276'-4035'
 Gas: Initial open flow 712 MCF/d Oil: Initial open flow NA Bbl/d
 Final open flow 531 MCF/d Final open flow NA Bbl/d
 Time of open flow between initial and final tests 15 Hours
 Static rock Pressure 1475 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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	34'	34'	
8-5/8"	1241'	1241'	508 SXS
4-1/2"		5297'	710 SXS

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: *Donald C. Supcoe* Senior Drilling Super.
 Date: October 25, 1994

NOV 2 1994

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

FOUR STAGE FRAC

Stage One: Alexander; 18 holes (5227'-52276), fraced w/energized water, 30 lbs gel/1000 gals, 55,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 110,000 scf of N2.

Stage Two: Benson/3rd Riley; 12 holes (4845'-4942'), fraced w/energized water, 30 lbs gel/1000 gals, 40,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 89,700 scf of N2.

Stage Three: Riley; 16 holes (4479.5'-4518'), fraced w/energized water, 35 lbs gel/1000 gals, 35,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 81,500 scf of N2.

State Four: Balltown; 14 holes (4053.5'-4064'), fraced w/energized water, 35 lbs gel/1000 gals, 16,500 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
SHALE & CLAY			0	3	Including indication of all fresh and salt water, coal, oil and gas Water: 1/2" stream @ 196'
SANDY SHALE			3	8	
SAND			8	12	
SANDY SHALE			12	20	
SAND			20	25	Gas Checks:
SANDY SHALE			25	35	
SAND			35	63	1888' NO SHOW
RED ROCK			63	75	2010' NO SHOW
SANDY SHALE			75	106	2166' NO SHOW
RED ROCK			106	121	2357' 2/10 thru 1" w/H2O
SANDY SHALE			121	143	2485' 2/10 thru 1" w/H2O
RED ROCK			143	161	2706' 2/10 thru 1" w/H2O
SAND			161	173	3148' 12/10 thru 1" w/H2O
SANDY SHALE			173	385	3362' 10/10 thru 1" w/H2O
SAND			385	405	3494' 10/10 thru 1" w/H2O
SHALE			405	470	4065' 3/10 thru 2" w/H2O
SANDY SHALE			470	550	4700' 3/10 thru 2" w/H2O
SAND			550	564	4919' 3/10 thru 2" w/H2O
SHALE			564	595	5013' 3/10 thru 2" w/H2O
SANDY SHALE			595	968	5140' 4/10 thru 2" w/H2O
RED ROCK			968	1003	5266' 4/10 thru 2" w/H2O
SANDY SHALE			1003	1070	5315' 3/10 thru 2" w/H2O
RED ROCK			1070	1100	DC's 3/10 thru 2" w/H2O
SANDY SHALE			1100	1175	
SAND			1175	1223	
SANDY SHALE			1223	1587	
SAND			1587	1642	
SANDY SHALE			1642	1895	
BIG LIME			1895	1970	
BIG INJUN			1970	2050	
SANDY SHALE			2050	2610	
SAND			2610	2670	
SANDY SHALE			2670	2700	
SHALE			2700	2760	
SANDY SHALE			2760	2800	
SAND			2800	2840	
SANDY SHALE			2840	3285	

(CONTINUED)

NOV 27 1994

(Attach separate sheets as necessary)

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			3285	3335	
SANDY SHALE			3335	3350	
SAND			3350	3380	
SHALE			3380	3390	
SANDY SHALE			3390	3410	
SAND			3410	3440	
SANDY SHALE			3440	4470	
SANDY SHALE			4470	4520	
SHALE			4520	4820	
SANDY SHALE			4820	4870	
SHALE			4870	4945	
BENSON			4945	4955	
SANDY SHALE			4955	5090	
ALEXANDER			5090	5140	
SANDY SHALE			5140	5315 TD	

19372

19372

RECEIVED
WV Division of
Environmental Protection

FORM WW-2B

JUN 16 94

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

Office of Oil & Gas WELL WORK PERMIT APPLICATION

259

Well Operator: Eastern American Energy Corporation

19372

3) Elevation: 1219'

Operator's Well Number: Ashland/Holland #9

Well type: (a) Oil ___ / or Gas XX/

(b) If Gas: Production XX/ Undergroud Storage ___ /
Deep ___ / Shallow XX/

Proposed Target Formation(s): Alexander 439

Proposed Total Depth: 5313 feet

Approximate fresh water strata depths: 440', 747', 1178'

Approximate salt water depths: None

Approximate coal seam depths: 543'-545', 651'-658'

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

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	20'	---	
Fresh Water	8-5/8"	H-40	20.0	1200'	1200'	C.T.S. 38CSR18-11.3 38CSR18-11.2
Coal	*					
Intermediate						
Production	4-1/2"	J-55	10.5	---	5228'	38CSR18-11.1
Tubing						
Liners						

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 95/8" casing.

PACKERS : Kind

Sizes

Depths set

For Division of Oil and Gas Use Only

10/2/94 Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond Signature (Type) Agent

Permitting

Office of the 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 Wellings, Jr.
Address Rt. 18 South, Box 3
West Union, WV 26456

5) (a) Coal Operator:
Name N/A
Address

(b) Name
Address

(b) Coal Owner(s) with Declaration
Name N/A
Address

(c) Name
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 9 on the above named parties, by:

XX Certified Mail (Postmarked postal receipt attached)
Personal Service (Affidavit 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. Walker
Its: Designated Agent
Address P. O. Box 820
Glenville, WV 26351
Telephone (304) 462-5781

Subscribed and sworn before me this 14th day of June, 1994
Chandra Lee Skinner Notary Public
My commission expires October 10, 2000