

ASHLAND / HOLLAND LEASE

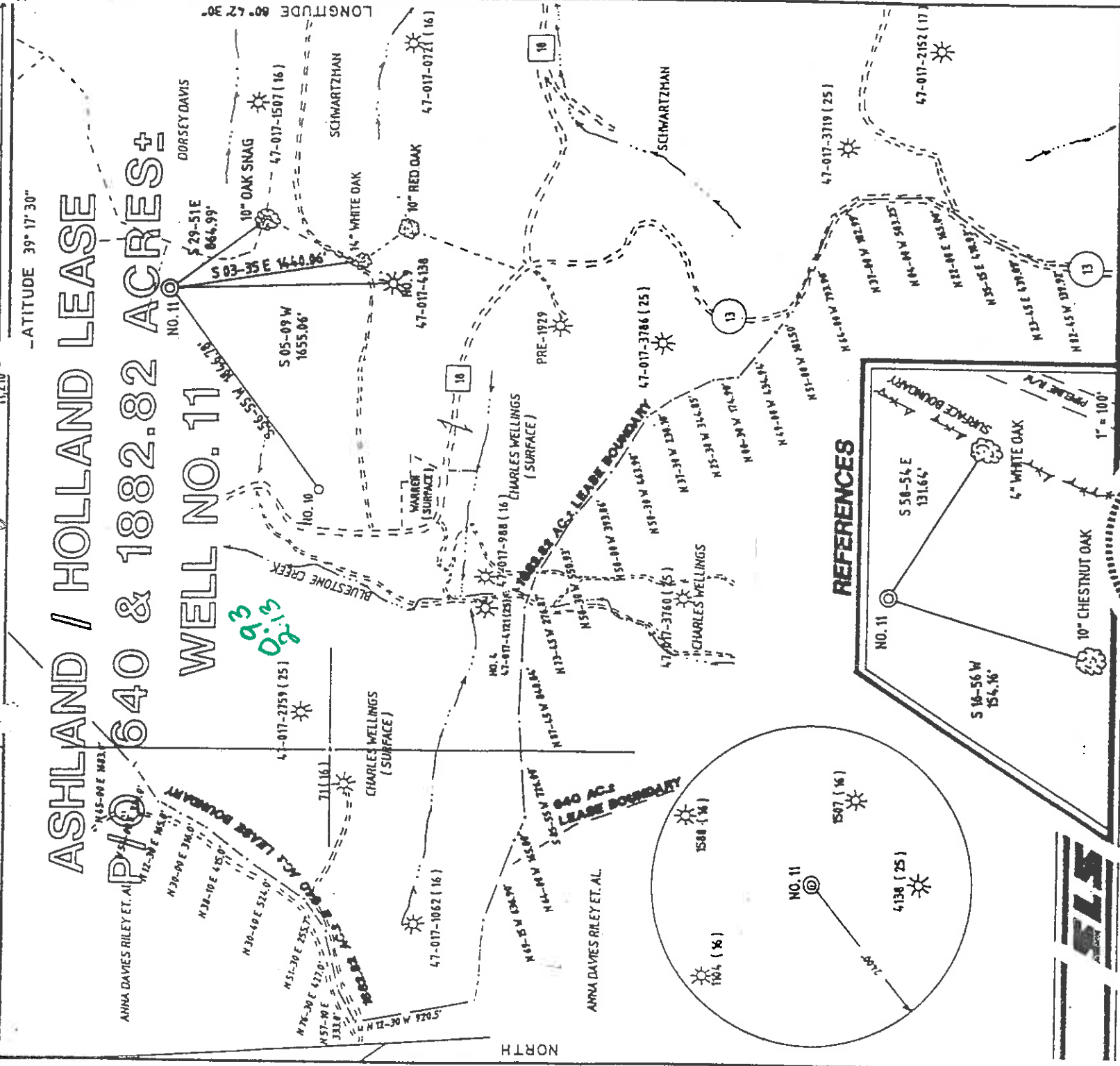
640 & 1882.82 ACRES

WELL NO. 11

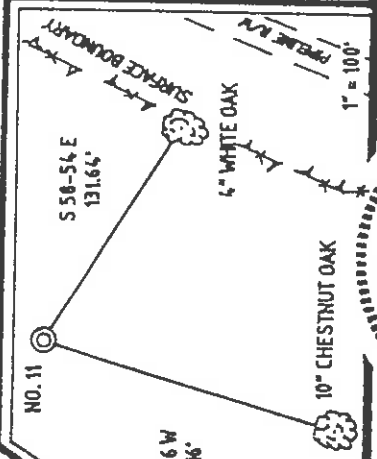
LONGITUDE 80° 42' 30"

-ATTITUDE 39° 17' 30"

NORTH

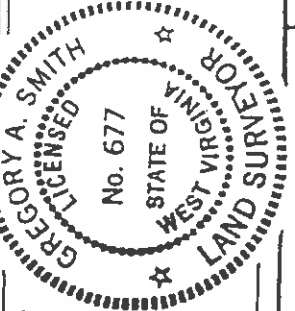


REFERENCES



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. *Gregory A. Smith*
677



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

DATE AUGUST 26, 19 94
OPERATORS' WELL NO. ASHLAND / HOLLAND NO. 11
API WELL NO. 47-017-017-4159W
STATE 47 COUNTY 017 PERMIT 4159W

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 3028 (53-01)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1248' SCALE 1" = 1000'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID WASTE DISPOSAL INJECTION IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1286' WATERSHED BLUESTONE CREEK

DISTRICT WEST UNION COUNTY DODD
SURFACE OWNER CHARLES WELLINGS JR. QUADRANGLE SMITHBURG 7.5'
ROYALTY OWNER LEWIS MAXWELL III ET AL. ACREAGE 650.84
LEASE ACREAGE 640 & 1882.82

PROPOSED WORK:
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE LEASE NO. WV02584-+
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ALEXANDER
ESTIMATED DEPTH 5510'

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

COUNTY NAME DODD PERMIT 4159W

SEP 21 1994

Reviewed AS

WR-35

18-Sep-98
API # 47-017-04159 W

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 11

LOCATION: Elevation: 1286.00 Quadrangle: SMITHBURG
District: WEST UNION County: DODDRIDGE
Latitude: 4890 Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude: 11210 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) 5514' (MAR 1995)
Fresh water depths (ft) _____
Salt water depths (ft) NONE

Division of Environmental Protection
MAR 22 1999
Division of Environmental Protection

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

OPEN FLOW DATA

Producing Formation GORDON Pay zone depth (ft) 2758' - 2732.5'
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 98 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.

D000 4159W

JOHN PALETTI, AGENT
For: EASTERN AMERICAN ENERGY CORP.
By: John Paletti
Date: MARCH 10, 1999

MAR 29 1999

HOLLIW35

STAGE ONE:
Gordon
20 holes (2758' - 2732.5') 25# cross link gel fracture, 500 gals 15%
HCl, 30,100 lbs 20/40 sand.

CONROY
FACILITY

MAR 22 1993

WOLFE

RECEIVEDWV Division of
Environmental ProtectionState of West Virginia
Division of Environmental Protection
Section of Oil and Gas

APR 26 1995

API # 47- 17-04159

**Permitting
Office of Oil & Gas**

Well Operator's Report of Well Work

Farm name: WELLS, CHARLES, JR. Operator Well No.: ASHLND.HOLND#11

LOCATION: Elevation: 1,286.00 Quadrangle: SMITHBURG

District: WEST UNION County: DODDRIDGE
Latitude: 4890 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 11210 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: 09/23/94
Well work Commenced: 03-14-95
Well work Completed: 03-19-95Verbal Plugging
Permission granted on: _____ Rig
Rotary x Cable _____
Total Depth (feet) 5514'
Fresh water depths (ft) 240', 600'

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 705'-708', 1113'-1115'

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Cu. Ft.
Size			CTS
8 5/8"	1281'	1281'	320 SXS
4 1/2"	-----	5467'	720 SXS

OPEN FLOW DATA(Commingled)
Alexander, Benson, 3rd Riley,
Riley, BalltownProducing formation _____ pay zone depth (ft) b387.5'
Gas: Initial open flow 267 MCF/d Oil: Initial open flow N/A Bbl/
Final open flow 411 MCF/d Final open flow N/A Bbl/
Time of open flow between initial and final tests 15 Hour
Static rock Pressure 1200 psig (surface pressure) after 24 Hour

Second producing formation _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/
Final open flow _____ MCF/d Final open flow _____ Bbl/
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 PERFORATION INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATION INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: EASTERN AMERICAN ENERGY CORP.

By: *[Signature]*

Date: 4-24-95

MAY 2 1995

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

FOUR STAGE FRAC

STAGE ONE : Alexander, 26 holes (5312'-5387.5'), Fraced w/energized water, 30 lbs gel/1000 gals, 60,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 112,000 scf of N2.

STAGE TWO : Benson/3rd Riley; 18 holes (4959'-5051.5'), Fraced w/energized water, 30 lbs gel/1000 gals, 47,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 109,000 scf of N2.

STAGE THREE: Riley; 20 holes (4595'-4610'), Fraced w/energized water, 35 lbs gel/1000 gals, 12,000 lbs of 20/40 sand, 500 gals of 28% HCl acid and 64,000 scf of N2.

STAGE FOUR : Balltown; 12 holes (4160'-4168'), Fraced w/energized water, 35 lbs gel/1000 gals, 30,000 lbs of 20/40 sand, 500 gals of 28% HCl acid and 75,000 scf of N2.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Sand & Shale			0	112	Including indication of all fresh and salt water, coal, oil and gas
Shale & Red Rock			112 120	120 141	
Red Rock			141	148	GAS CHECKS
Shale			148	302	
Red Rock			302	322	1629'-No show
Sand			322	379	1907'-No show
Sand & Shale			379	560	2125'- 6/10=1" w/H2O
Red Rock & Shale			560	590	2279'-16/10=1" w/H2O
Sand & Shale			590	705	2498'-16/10=1" w/H2O
Coal			705	708	2839'-15/10=1" w/H2O
Sand & Shale			708	955	3216'-14/10=1" w/H2O
Shale & Red Rock			955	966	3625'-14/10=1" w/H2O
Sand & Shale			966	977	3779'-10/10=1" w/H2O
Shale			977	992	4120'-10/10=1" w/H2O
Sand			992	1055	4494'-14/10=1" w/H2O
Red Rock & Shale			1055	1098	4647'-14/10=1" w/H2O
Sand			1098	1113	4894'-10/10=1" w/H2O
Coal			1113	1115	5017'-10/10=1" w/H2O
Sand & Shale			1115	1632	5162'-14/10=1" w/H2O
Sand			1632	1656	5420'-14/10=1" w/H2O
Shale			1656	1738	5514'- 8/10=1" w/H2O
Sand			1738	1798	
Sand & Shale			1798	1948	
Little Lime			1948	1975	
Pencil Cave			1975	1995	
Big Lime			1995	2115	
Keener			2115	2132	
Big Injun			2132	2154	
Shale			2154	2355	
Weir			2355	2393	
Shale			2393	2517	
Berea			2517	2525	
Shale & Siltstone			2525	2704	
Gordon			2704	2757	
Shale & Siltstone			2757	3380	

(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
arren hale & Siltstone alltown	3380 3530 4151 4178	3530 4151 4178 4578	
hale liley hale & Siltstone hird Riley	4578 4628 4948 4985	4628 4948 4985 5039	
hale henson hale Alexander hale	5039 5082 5304 5388	5082 5304 5388 5515	
TOTAL DEPTH		5515	

MAY 1 1905

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Office of Oil & Gas

WELL WORK PERMIT APPLICATION

259

14980 (8) 611

Well Operator: Eastern American Energy Corporation

Operator's Well Number: Ashland/Holland #11

3) Elevation: 1286'

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

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

Proposed Target Formation(s): Alexander 439

6) Proposed Total Depth: 5510' feet

7) Approximate fresh water strata depths: 253', 447', 524', 1034'

8) Approximate salt water depths: None

9) Approximate coal seam depths: 718' - 725'

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

11) Proposed Well Work: Drill and complete new well.

12) Offset Wells: DODD-1104, 1105, 1507, 1588, 4138

CASING AND TUBING PROGRAM

13) Red Rock: 1157'

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11-3/4"	F-25	32.0	30'		
Fresh Water	8-5/8"	F-25	20.0	1286'	1286'	C.T.S. 38CSR18-11.3
Coal	*					38CSR18-11.2.2
Intermediate						
Production	4-1/2"	J-55	10.5		5425'	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

Bond

(Type)

Agent

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WV Division of
Environmental Protection

SEP 07 1994

Permitting

Office of Oil & Gas

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

1)	Date: August 30, 1994
2)	Operator's well number Ashland/Holland #11
3)	API Well No: 47 - 017 - 4159 State - County - Permit

4) Surface Owner(s) to be served:

(a) Name Charles Wellings, 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. 2 Box 135
Salem, WV 26426
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 XXX 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 10 on the above named parties, by: _____
Personal service (Affidavit attached)
XXX 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 the possibility of fine and imprisonment.



Well Operator Eastern American Energy Corporation
By: John M. Callow
Its: Designated Agent
Address P.O. Box 820
Glenville, WV 26351

Telephone (304) 462-5781, 1994

Subscribed and sworn before me this 30th day of August, 1994
Chandra Lee Skinner Notary Public

My commission expires October 10, 2000