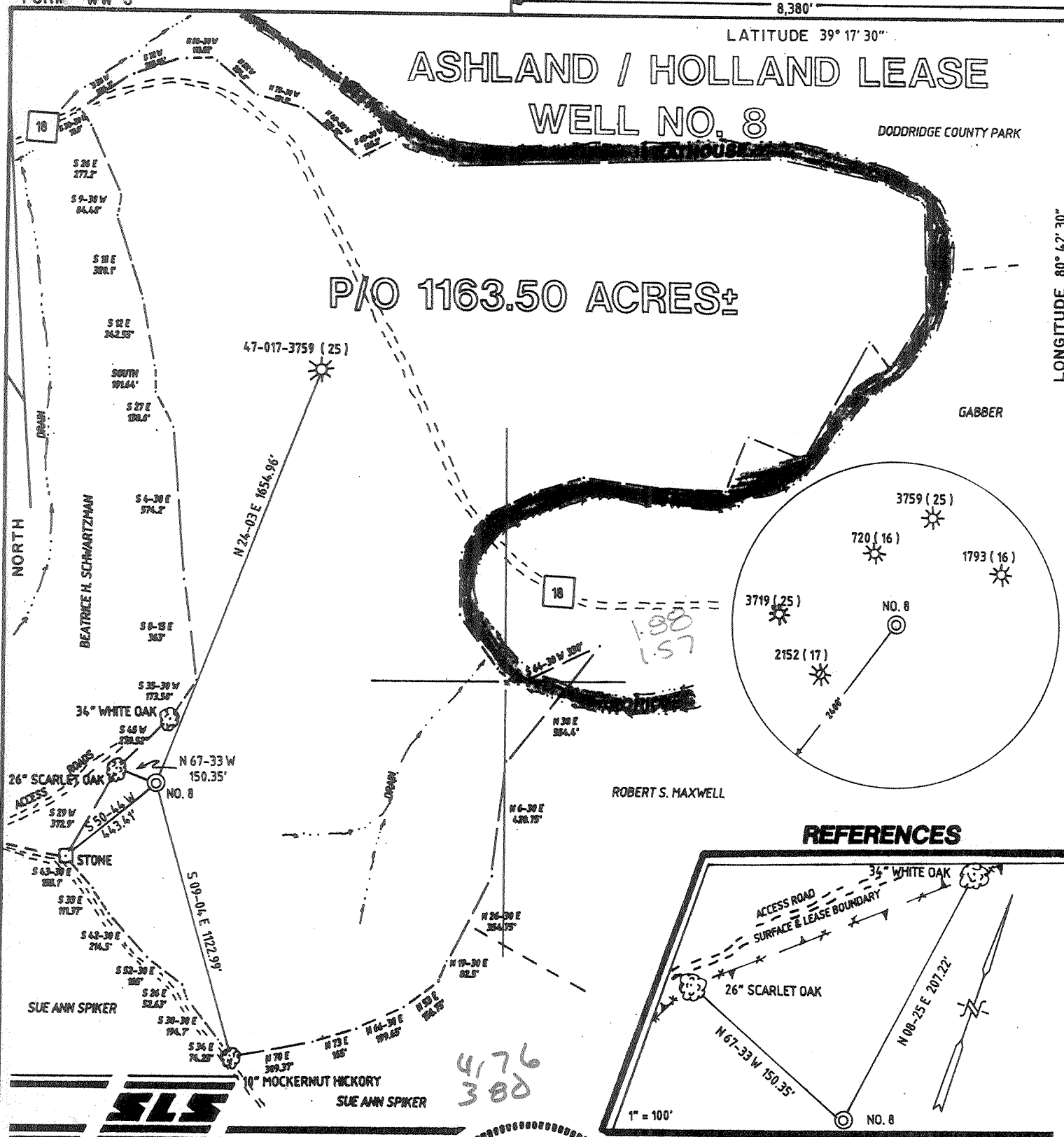


ASHLAND / HOLLAND LEASE WELL NO. 8

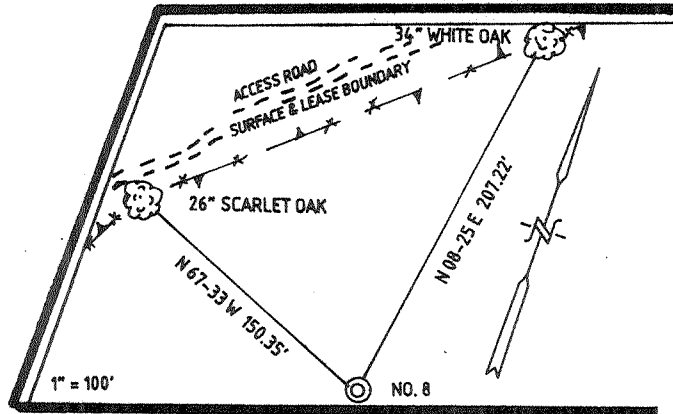
DODDRIDGE COUNTY PARK

LONGITUDE 80° 42' 30"

P/O 1163.50 ACRES±

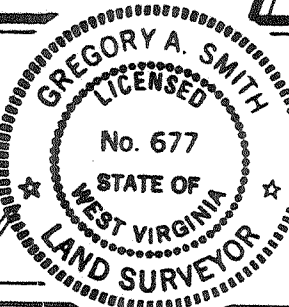


REFERENCES



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. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE OCTOBER 18, 19 93
 OPERATORS WELL NO. ASHLAND / HOLLAND NO. 8
 API WELL NO. 47 - 017 - 4062
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3028 (44-16)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1283' SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



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

LOCATION: ELEVATION 1235' WATERSHED MEATHOUSE FORK OF MIDDLE ISLAND CREEK
 DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'

SURFACE OWNER JOLENE JONES ACREAGE 139.5
 ROYALTY OWNER LEWIS MAXWELL HEIRS LEASE ACREAGE 139.5 OF 1500

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) _____ TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5392'

WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX N GLENVILLE, WV. 26351 ADDRESS 50156th CHARLESTON, WV. 25304

COUNTY NAME PERMIT

WR-30
 WV Dept. of Environmental Protection
 M 2 5 94
 Permitting
 Office of Oil & Gas

05-Nov-93
 API # 47-17-04062

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

Well Operator's Report of Well Work

Farm name: JONES, JOLENE Operator Well No.: ASHLND/HOLAND#8

LOCATION: Elevation: 1,235.00 Quadrangle: SMITHBURG

District: NEW MILTON County: DODDRIDGE
 Latitude: 9870 Feet South of 39 Deg. 17Min. 30 Sec.
 Longitude 8380 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: 11/10/93
 Well work Commenced: 05/24/94
 Well work Completed: 06/04/94
 Verbal Plugging
 Permission granted on: _____
 Rotary xx Cable _____ Rig _____
 Total Depth (feet) 5392'
 Fresh water depths (ft) 50'

Salt water depths (ft) None

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	20'	---	---
8-5/8"	1273'	1273'	CTS 310 sxs
4-1/2"	----	5372.85'	700 sxs

OPEN FLOW DATA

(Commingled) Pay zone depth (ft) 5268.5'-2614'
 Producing formation Alexander, Riley, Gordon
 Gas: Initial open flow 94 MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 1061 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 15 Hours
 Static rock Pressure 125 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: Mark Jenkins
 EASTERN AMERICAN ENERGY CORP.

By: Senior Drilling Supervisor
 Date: 7-22-94
 JUL 28 1994

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

3 Stage Frac

Stage One - Alexander: 20 holes (5220'-5268.5'), fraced w/energized water, 30 lbs gel/1000 gals, 50,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 101,000 scf of N2.

Stage Two - Riley: 16 holes (4480'-4496.5'), fraced w/energized water, 35 lbs gel/1000 gals, 16,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 60,000 scf of N2.

Stage Three - Gordon: 20 holes (2614'-2691'), fraced w/energized water, 30 lbs gel/1000 gals, 35,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 147,000 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	
Shale, Sandy Shale and Sand			3	50	1/2" stream H2O @ 50'
Shale and Red Rock			50	60	
Sandy Shale			60	75	<u>Gas Checks:</u>
Shale and Red Rock			75	115	1506' - No Show
Sandy Shale			115	200	1821' - No Show
Sand			200	230	1949' - No Show
Sandy Shale			230	290	2197' - No Show
Shale and Red Rock			290	410	2515' - No Show
Sandy Shale			410	522	2705' - 6/10 thru 2" w/Mercury
Sand and Lime			522	540	2955' - 4/10 thru 2" w/Mercury
Sand and Shale			540	588	3146' - 2/10 thru 2" w/Mercury
Sand			588	596	3464' - 2/10 thru 2" w/Mercury
Red Rock			596	608	3684' - 2/10 thru 2" w/Mercury
Sand			608	640	4251' - 2/10 thru 2" w/Mercury
Red Rock			640	652	4410' - 2/10 thru 2" w/Mercury
Shale			652	766	4695' - 2/10 thru 2" w/Mercury
Sandy Shale			766	857	4916' - 2/10 thru 2" w/Mercury
Sand			857	866	5043' - 4/10 thru 2" w/Mercury
Red Rock			866	897	TD - 2/10 thru 2" w/Mercury
Sand, Shale and Sandy Shale			897	1357	
Sand			1357	1437	
Shale w/some Sand			1437	1842	
Little Lime			1842	1857	
Shale			1857	1888	
Big Lime			1888	1950	
Keener			1950	2008	
Big Injun			2008	2036	
Shale			2036	2191	
Weir			2191	2278	
Shale			2278	2402	
Berea			2402	2411	
Shale			2411	2610	
Gordon			2610	2644	
Shale			2644	3280	
Warren			3280	3306	

JUL 28 1994

18168

(Attach separate sheets as necessary)

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale			3306	3320	
Speechley			3320	3408	
Shale			3408	4001	
Balltown			4001	4059	
Shale			4059	4478	
Riley			4478	4500	
Shale			4500	4844	
3rd Riley			4844	4859	
Shale			4859	4929	
Benson			4929	4939	
Shale			4939	5186	
Alexander			5186	5274	
Shale			5274	5421	
Total Depth				5421	

JUL 28 1994

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 WV Division of
 Environmental Protection

FORM WW-2B

OCT 25 93

017-4062

Issued 11/10/93

Page 3 of 9

Expires 11/10/95

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Office of Oil & Gas WELL WORK PERMIT APPLICATION

18168

Well Operator: Eastern American Energy Corporation 14980 (6) 611

Operator's Well Number: Ashland/Holland #8 3) Elevation: 1235'

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: 5392 feet

7) Approximate fresh water strata depths: 15, 84, 221, 276, 1059

8) Approximate salt water depths: None

9) Approximate coal seam depths: 3-6, 251-255, 609-614

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'	----	----
Fresh Water	8-5/8"	F-25	20.0	1235'	1235'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2.2
Intermediate	*					
Production	4-1/2"	J-55	10.5	----	5307'	38CSR18-11.1
Tubing						
Liners						

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 8-5/8" casing.

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

46753/22
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket Agent
 (Type)

(10)

RECEIVED
WV Division of
Environmental Protection

OCT 25 1993

1) Date: October 22, 1993
2) Operator's well number
ASHLAND/HOLLAND #8
3) API Well No: 47 - 017 - 4062
State - County - Permit

Permitting
Office of Oil & Gas **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 Jolene Jones
Address New Milton Star Rt., Box 7
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)-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. Galitto
Its: Designated Agent
Address P. O. Box 820
Glenville, WV 26351
Telephone (304) 462-5781

Subscribed and sworn before me this 22nd day of October, 1993

My commission expires February 26, 2002 Maury M. Bean Notary Public

