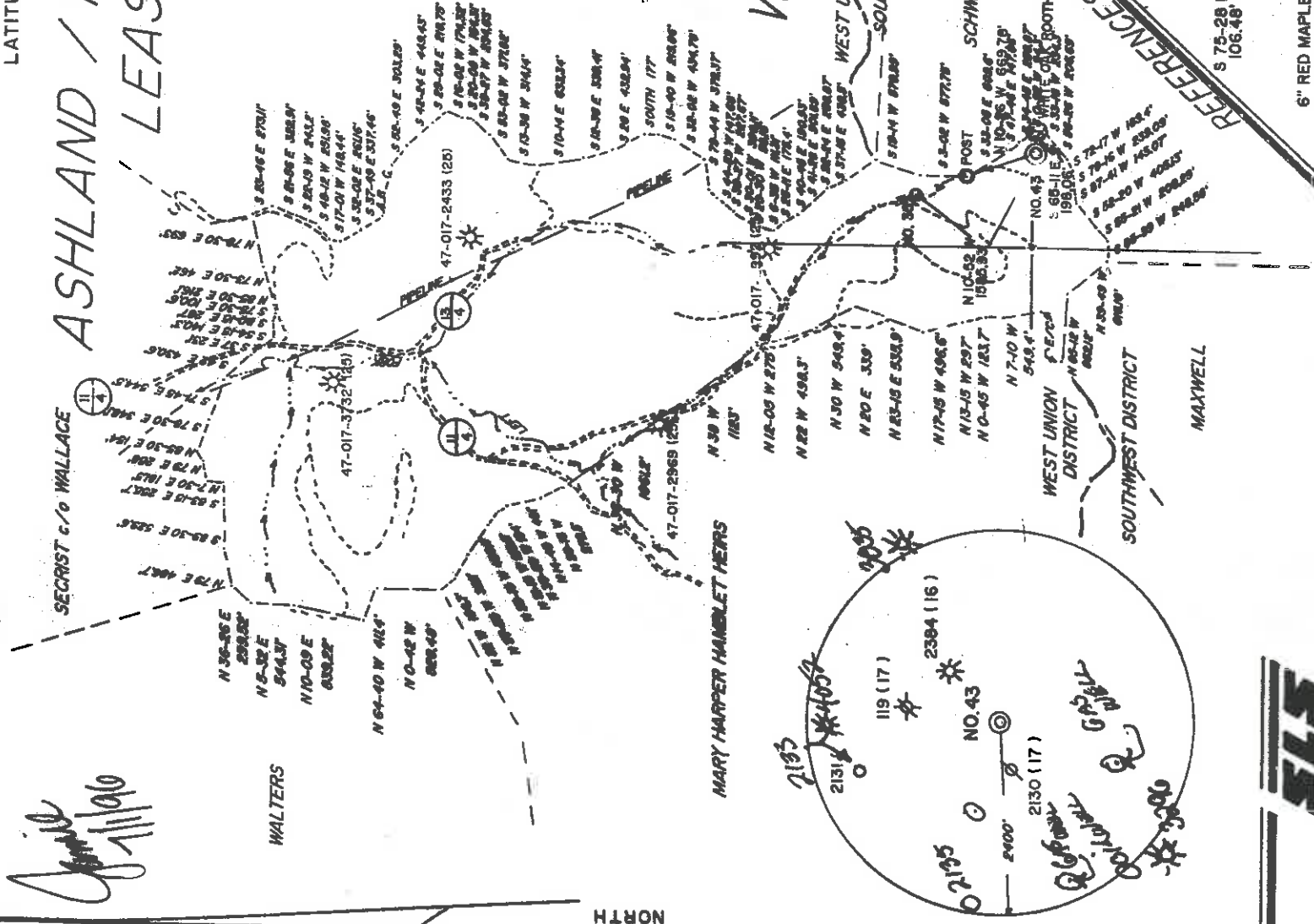


ASHLAND / MAXWELL LEASE 936.86 ACRES ±

LINE TABLE
A. S 70-06 E 102.84'
B. S 87-17 E 200.01'
C. S 78-49 E 338.9'

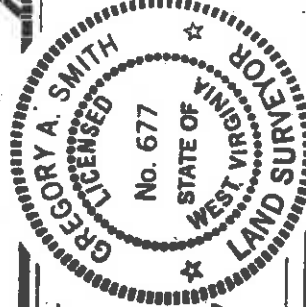
HOLLAND

WELL NO. 43



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.I.S. Gregory A. Smith
677



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

DATE MARCH 1, 19 93

OPERATORS WELL NO. ASHLAND / MAXWELL WELL NO. 43

API WELL NO. 47 - 017 - 017 - 04274 COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 2777 (42-36)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1323' SCALE 1" = 2000'

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID WASTE DISPOSAL INJECTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1301' WATERSHED LEFT FORK OF ARNOLDS CREEK

DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5' ACREAGE 936.86

SURFACE OWNER CHARLES P. HEASTER ET. AL. ROYALTY OWNER LEWIS MAXWELL HEIRS ET. AL. LEASE NO. WVO2358 --+ LEASE ACREAGE 936.86 OF 2654

PROPOSED WORK: 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)

WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5427' 5427'

ADDRESS BOX N GLENVILLE, WV 26391 ADDRESS 501 56th ST., CHARLESTON, WV 25304

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WV Division of
Environmental Protection

WR-35

NOV 04 1996

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

API # 47-017-04274

02-Jul-96

Permitting

Office of Oil & Gas Well Operator's Report of Well Work

Farm name: HEASTER, CHARLES P. ETAL Operator Well No.: ASHLND/MAXWL 43

LOCATION: Elevation: 1,301.00 Quadrangle: OXFORD

District: WEST UNION County: DODDRIDGE
Latitude: 12790 Feet South of 39 Deg. 15 Min. 0 Sec.
Longitude: 7240 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: EASTERN AMERICAN ENERGY CORP
501 56TH STREET
CHARLESTON WV 26304

Agent: JOHN M. PALETTI

Inspector: MIKE UNDERWOOD

Permit Issued: 07/01/96

Well work commenced: 07/10/96

Well work completed: 07/15/96

Verbal plugging

permission granted on:

Rotary Cable Rig

Total Depth (feet) 5398'

Fresh water depths (ft) 350', 425'

Salt water depths (ft) 1910

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

Coal Depths (ft) NONE

OPEN FLOW DATA (Co-mingled)

Producing Formation Alexander, Benson, Riley, Bradford, Balltown

Pay zone depth (ft) 5240 - 3810'

Gas: Initial open flow 474 MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow 298 MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests 15 Hours

Static rock pressure 1375 psi (surface pressure) after 24 Hours

2nd 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 _____ 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.

MARK JENKINS, SENIOR DRILLING SUPERVISOR
For: EASTERN AMERICAN ENERGY CORPORATION

By: _____

Date: OCTOBER 9, 1996

NOV 3 1996

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Cond. Sandy Shale			0 22	22 1897	Including indication of all fresh & salt water, coal, oil & gas Damp @ 350' 1/2" water @ 425' Damp @ 1910'
Big Lime			1897	1960	
Keener			2019	2019	
Big Injun			2019	2038	
Weir			2186	2292	
Berea			2388	2397	
Gordon			2623	2628	
Warren			3264	3292	
Balltown			3808	3820	
Lower Balltown			4208	4216	
Bradford			4304	4345	
Riley			4454	4471	
Benson			4903	4906	
Alexander			5186	5251	
TD			5398		DC 6/10 2" w/water

NOV 8 1996

017 4274

STAGE ONE:

Alexander/Benson
22 holes (4903' - 5240') Fractured with gelled water, 30# gel/1000 gals,
60,000 lbs 20/40 sand, 250 gals 15% HCl acid.

STAGE TWO:

Riley/Bradford
14 holes (4305' - 4471') Fractured with gelled water, 30# gel/1000 gals,
5,000 lbs 80/100 sand, 34,000 lbs 20/40 sand, 500 gals 28% HCl acid.

STAGE THREE:

Balltown
14 holes (3810' - 4043') Fractured with gelled water, 30# gel/1000 gals,
32,000 lbs 20/40 sand and 500 gals of 15% HCl acid.

11-27-81 10:35

Permitting Unit of WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Well Operator: Eastern American Energy Corporation 14980 (2) 526

Operator's Well Number: ASHLAND/MAXWELL #43 3) Elevation: 1301'

Well type: (a) Oil ___ / or Gas XX / Issued 07/01/96
(b) If Gas: Production XX / Undergound Storage ___ Expires 07/01/98
Deep ___ / Shallow XX

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JUL 0 7 1996
Permitting
Office of Oil & Gas

- 5) Proposed Target Formation(s): Alexander 439
- 6) Proposed Total Depth: 5427' feet
- 7) Approximate fresh water strata depths: 59', 389'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: 269-274', 1045-1050'

- 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	
Conductor	11-3/4"	F-25	32.0	20'	-----CB	Fill-up (cu. ft.)
Fresh Water	8-5/8"	F-25	20.0	1300'	1300'	C.T.S. 38CSR18-11.3 38CSR18-11.2, 2
Coal						
Intermediate	*					
Production	4-1/2"	J-55	10.5	-----	5342'	38CSR18-11.1
Tubing						
Liners						

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 9578 casing.

PACKERS : Kind _____ Sizes _____ Depths set _____

13031/2
 Fee(s) paid: 17 Well Work Permit 17 Reclamation Fund 17 WPCR
 Plat 17 WW-9 17 Bond 17 (Type) Blanket Agent

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Environmental Protection

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1) Date: October 15, 1993
2) Operator's well number ASHLAND MAXWELL #43
3) AP# Well No: 47 - 017 - 4274
State - County - Permit

Permitting
Office of Oil & Gas 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 P. Heaster, et al
Address P.O. Box 112
West Union, WV 26456
- (b) Name _____
Address _____
- (c) Name _____
Address _____
- 6) Inspector Mike Underwood
Address Rt. 2 Box 135
Salem, WV 26426
Telephone (304) - 782-1043
- 5) (a) Coal Operator:
Name N/A
Address _____
- (b) Coal Owner(s) with Declaration
Name N/A
Address _____
- (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 10 on the above named parties, by:

XX Personal Service (Affidavit attached)

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

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

My commission expires February 26, 2007

David M. Beaman Notary Public

