

Final 3/27/95

SECRETIST c/o WALLACE

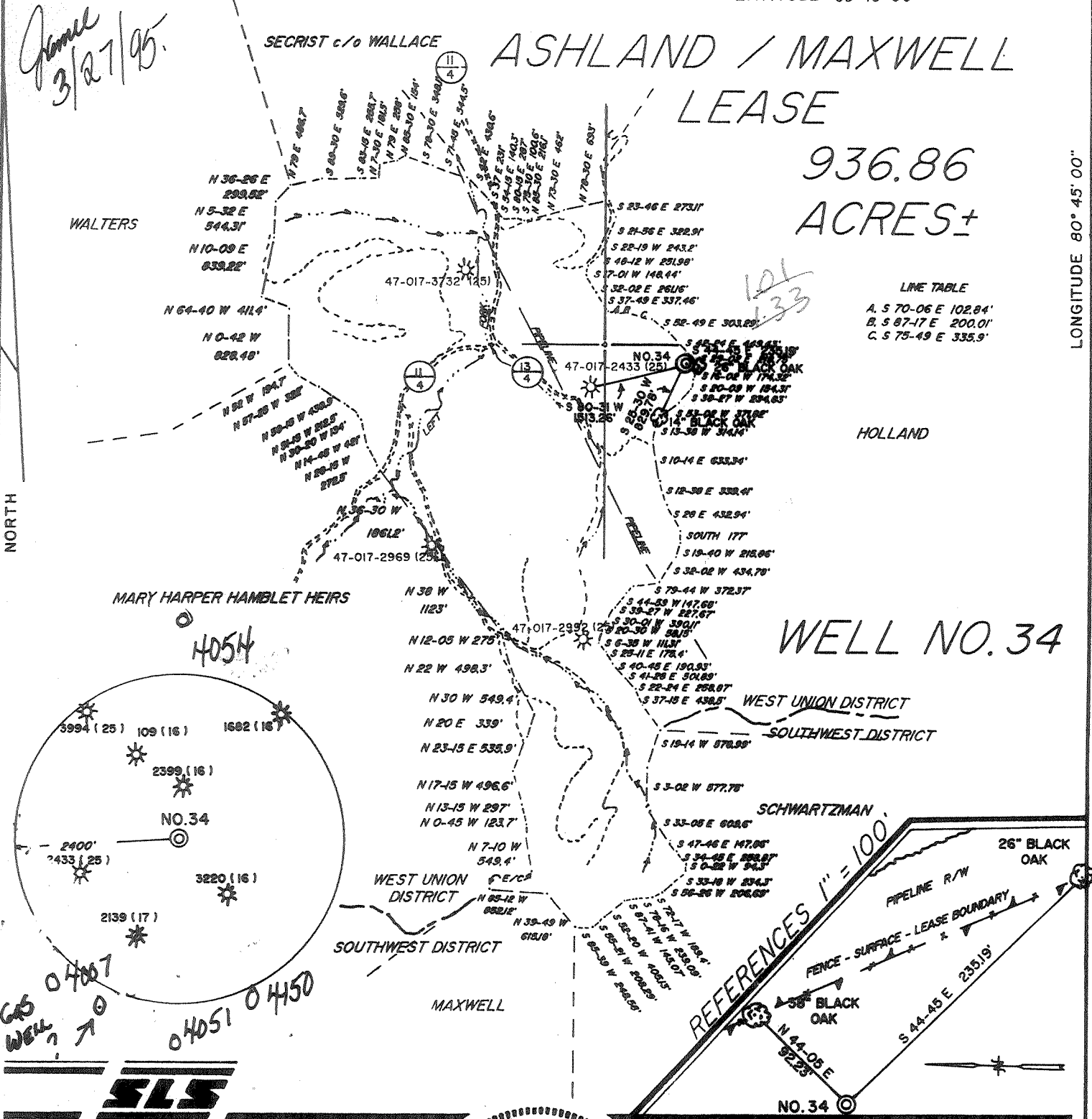
ASHLAND / MAXWELL LEASE

936.86 ACRES±

LINE TABLE

- A. S 70-06 E 102.84'
- B. S 87-17 E 200.01'
- C. S 75-49 E 335.9'

NORTH



WELL NO. 34

Gas Well 7

04007

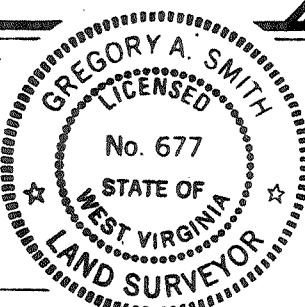
04051 04150

4054



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 2, 19 93

OPERATORS WELL NO. ASHLAND / MAXWELL

WELL NO. 34

API WELL NO. 47 - 017 - 4192

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2777 (42-27)

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 INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1236' WATERSHED LEFT FORK OF ARNOLDS CREEK

DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER CHARLES P. HEASTER ET. AL. ACREAGE 936.86

ROYALTY OWNER LEWIS MAXWELL HEIRS ET. AL. LEASE ACREAGE 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) _____ TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5361'

WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI

ADDRESS BOX N GLENVILLE, WV 26351 ADDRESS 501 56th ST, CHARLESTON, WV 25304

COUNTY NAME PERMIT

6-6 133

JUN 23 1995

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

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: HEASTER, CHARLES P. ETAL. Operator Well No.: ASHLND/MAXWL#34

LOCATION: Elevation: 1,236.00 Quadrangle: OXFORD

District: WEST UNION County: DODDRIDGE
Latitude: 5350 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 7040 Feet West of 80 Deg. 45 Min. 0 Sec.

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

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 03/27/95
Well work Commenced: 04-26-95
Well work Completed: 05-01-95
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 5367'
Fresh water depths (ft) 55', 550'

Salt water depths (ft) None

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

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			CTS
8-5/8"	1234'	1234'	310 SXS
4-1/2"	-----	5342'	700 SXS

OPEN FLOW DATA

(Commingled)
Producing formation Alexander, Benson, Balltown Pay zone depth (ft) 4022'-5234'
Gas: Initial open flow 379 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 421 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 1275 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: EASTERN AMERICAN ENERGY CORP.
By: [Signature] Senior Drilling Supervisor
Date: 6-21-95

JUL 5 1995
JUL 5 1995

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

3 STAGE FRAC

Stage One: Alexander; 22 holes (5176'-5234'), Fraced w/energized water, 30 lbs gel/1000 gals, 60,000 lbs of 20/40 sand, 500 gals 15% HCl acid and 110,000 scf of N2.

Stage Two: Benson; 12 holes (4891'-4899'), Fraced w/energized water, 30 lbs gel/1000 gals, 40,000 lbs of 20/40 sand, 500 gals 15% HCl acid and 80,000 scf of N2.

Stage Three: Balltown; 14 holes (4022'-4045'), Fraced w/energized water, 30 lbs gel/1000 gals, 30,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 75,000 scf of N2.

WELL LOG

LITHOLOGY	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
L		Med.	0	10	1/4" H2O @ 55'
d	-Gray	Med.	10	30	1/4" H2O @550'
d & Shale	-Gray	Med.	30	55	
le & Red Rock	-Red	Med	55	75	Gas Checks:
d	-Gray	Med.	75	85	1501' No show
le & Red Rock	-Red	Med.	85	92	1816' 4/10 1"w/H2o
d	-Gray-Med	Hard	92	110	1941' 24/10 1"w/H2o
Rock & Shale	-Red	Soft	110	121	2034' 32/10 1"w/H2o
le	-Gray-Med	Soft	121	178	2344' 26/10 1"w/H2o
d	-Gray-Med	Hard	178	292	2467' 4/10 2"w/H2o
Rock	-Red	Med.	292	342	2719' 4/10 2"w/H2o
le & RedRock	-RedGray	Med	342	377	2904' 4/10 2"w/H2o
Rock	-Red	Med.	377	384	3153' 26/10 1"w/H2o
le	-Gray	Med.	384	420	3464' 30/10 1"w/H2o
Rock	-Red -Med	Soft	420	438	3712' 4/10 2"w/H2o
le, RedRock	-GrayRed	-Med.	438	473	3931' 4/10 2"w/H2o
Rock	-Red	Soft	473	508	4181' 4/10 2"w/H2o
d	-GrayRed	Hard	508	570	4401' 4/10 2"w/H2o
d&Shale	-Gray	Med.	570	620	4619' 6/10 2"w/H2o
d	-Gray	Hard	620	658	4932' 6/10 2"w/H2o
d&Shale	-Gray	Med.	658	672	5240' 8/10 2"w/H2o
d	-White	Hard	672	730	ID 5367' 8/10 2"w/H2o
Rock	-Red	Soft	730	740	DC 6/10 2"w/H2o
d&Shale	-Gray	Med.	740	800	
le&RedRock	-Red	Soft	800	818	
d&Shale	-Gray	Med.	818	912	
Rock&Shale	-Red	Soft	912	955	
d	-Gray	Hard	955	1060	
d&Shale	-Gray	Med.	1060	1095	
d	-Gray	Hard	1095	1205	
d&Shale	-Gray	Soft	1205	1217	
d	-Gray	Hard	1217	1388	
Rock	-Red	Soft	1388	1420	

Continued...

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
le	Gray	Soft	1420	1596	
Rock	Red	Soft	1596	1637	
d	Gray	Med Hard	1637	1659	
Rock	Red	Soft	1659	1726	
le	DkGray	Med Soft	1726	1816	
d	Gray	Hard	1816	1825	
Rock	Red	Soft	1825	1836	
tleLime	White	Med	1836	1858	
le	DkGray	soft	1858	1868	
Lime	White	Med	1868	1930	
Injun	Gray	Med	1930	2006	
d&Shale	Gray	Med	2006	2159	
r	Gray	Med Hard	2159	2262	
d&Shale	Gray	Med Soft	2262	2368	
ea	DkGray	Med	2368	2383	
d&Shale	Gray	Med Soft	2383	2556	
don	Gray	Med	2556	2604	
d&Shale	Gray	Soft	2604	3228	
ren	Gray	Med	3228	3233	
d&Shale	Gray	Soft	3233	3312	
echley	Gray	Med	3312	3320	
d&Shale	Gray	Soft	3320	4015	
ltown	Brown	Med	4015	4064	
d&Shale	Gray	Med	4064	4411	
ey	Gray	Med	4411	4471	
d&Shale	Gray	Med	4471	4706	
Riley	Gray	Med	4706	4711	
d&Shale	Gray	Med	4711	4883	
son	Brown	Med Hard	4883	4890	
d&Shale	Gray	Med	4890	5170	
xander	Gray	Med	5170	5210	
d&Shale	Gray	Med	5210	5367	
			TD	5367	

JUL 5 1995

RECEIVED
WV Division of
Environmental Protection

017-4192

Issued 03/27/95

Expires 03/27/97

Page 3 of 9

MAR 03 1995

FORM WW-2B

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
Office of Oil & Gas
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Eastern American Energy Corporation ²⁵⁹ 14984 (3) 520
- 2) Operator's Well Number: Ashland/Maxwell #34 3) Elevation: 12361'
- 1) 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: 5361' feet
- 7) Approximate fresh water strata depths: 292', 312'
- 8) Approximate salt water depths: 1419'
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes / No XX/
- 11) Proposed Well Work: Drill and complete new well.

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	1286'	1286'	C.T.S. 38CSR18-11.3 38CSR18-11.2.2
Coal	<i>you would be able to set a deeper string if you run a 1236' fresh water string</i>					
Intermediate						
Production	4-1/2"	J-55	10.5	-----	5276'	38CSR18-11.1
Tubing	<i>Please set with INSPECTOR.</i>					
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 WW-2B Bond Blanket Agent
(Type)

RECEIVED
WV Division of
Environmental Protection

MAR 03 1995

Permitting
Office of Oil & Gas

Page 1 of 9
Form WW2-A
(09/87)
File Copy

- 1) Date: February 23, 1995
- 2) Operator's well number Ashland/Maxwell #34
Eastern American Energy Corporation
- 3) API Well No: 47 - 017 - 4192
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION 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 Rt. 1 Box 57
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 _____
 - (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
 x 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)
 x 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. Galetta
 Its: Designated Agent
 Address P.O. Box 820
Glenville, WV 26351
 Telephone (304) 462-5781

Subscribed and sworn before me this 23 day of February, 1995

Chandra Lee Skinner Notary Public

My commission expires October 10, 2000