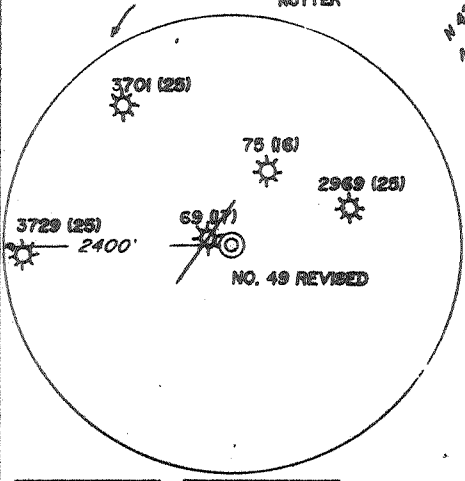


ASHLAND / MAXWELL LEASE

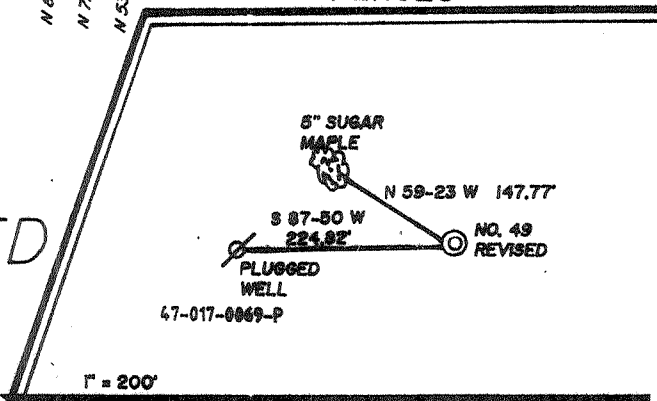
885.20 OF 2654 ACRES±

LONGITUDE 80° 47' 30"



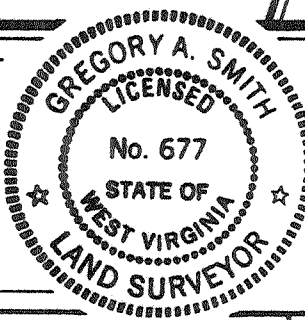
WELL NO. 49 REVISED

1.70
2.39



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 AUGUST 20, 19 93
 OPERATORS WELL NO. ASHLAND / MAXWELL NO. 49 REVISED
 API WELL NO. 47 - 017 - 4045
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2777 (44-6)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1378' SCALE 1" = 2000'

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID WASTE IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1000' WATERSHED LEFT FORK OF ARNOLDS CREEK
 DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5' N. 1/2. NE
 SURFACE OWNER MARY E. HARPER HANDELT HEIRS ACREAGE 442.6
 ROYALTY OWNER LEWIS MAXWELL HEIRS ET. AL. LEASE ACREAGE 442.6 OF 885.2 OF 2654
 PROPOSED WORK: LEASE NO. WVO2358 - +
 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 5155'

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

6-6 Straight Fork-Bluestone (33) Creek

COUNTY NAME PERMIT

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

Well Operator's Report of Well Work

Farm name: HAMBLET, MATTHEW LEWIS Operator Well No.: ASHLD/MAXWL #49

LOCATION: Elevation: 1,000.00 Quadrangle: OXFORD

District: WEST UNION County: DODDRIDGE
 Latitude: 8910 Feet South of 39 Deg. 15Min. Sec.
 Longitude 930 Feet West of 80 Deg. 47 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: 09/20/93
 Well work Commenced: 09/24/93
 Well work Completed: 10/11/93
 Verbal Plugging
 Permission granted on: _____
 Rotary XX Cable _____ Rig
 Total Depth (feet) 5262'
 Fresh water depths (ft) 91', 116'

Salt water depths (ft) 1210'

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.
8-5/8"	1006'	1006'	CTS 250 sxs
4-1/2"	----	5109.40'	740 sxs

OPEN FLOW DATA

(COMMINGLED)

Alexander, Benson, 3rd Riley, 5008.5'-
 Producing formation 2nd Riley, Riley, Balltown Pay zone depth (ft) 3826'
 Gas: Initial open flow 1299 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 1375 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: Ronald L. Rech, Regional Drilling Manager
 Date: 12-20-93

JAN 7 - 1994

4 STAGE FRAC

- Stage One Alexander: 19 holes (4968'-5008.5'), fraced w/energized water, (150 scf/ bbl), 30 lbs gel/1000 gals, 60,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 105,000 scf of N2.
- Stage Two Benson/
3rd Riley/
2nd Riley: 14 holes (4512.5'-4688.5'), fraced w/energized water (150 scf/ bbl), 30 lbs gel/1000 gals, 50,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 111,000 scf of N2.
- Stage Three Riley: 14 holes (4236'-4266.5'), fraced w/energized water (150 scf/ bbl), 30 lbs gel/1000 gals, 42,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 97,000 scf of N2.
- Stage Four Balltown: 14 holes (3826'-4037.5'), fraced w/energized water (150 scf/ bbl), 30 lbs gel/1000 gals, 45,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 98,000 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			3	10	
Sandy Shale			10	25	
Sand			25	30	
Sandy Shale			30	40	
Shale and Red Rock			40	50	
Sand			50	70	
Red Rock			70	80	
Sandy Shale			80	168	1/2" water @ 91'
Sand			168	251	1" water @ 116'
Red Rock			251	262	
Sand			262	279	
Red Rock			279	301	
Sand and Sandy Shale			301	391	
Red Rock			391	446	
Sand and Sandy Shale			446	635	
Red Rock			635	760	
Sand and Sandy Shale			760	1215	1 1/2" fresh water @ 1210'
Shale			1215	1235	Started soaping @ 1150'
Sandy Shale and Sand			1235	1540	
Shale			1540	1565	
Sand and Shale			1565	1630	
Little Lime			1630	1659	
Shale			1659	1673	
Big Lime			1673	1740	
Keener			1740	1793	
Big Injun			1793	1820	
Shale			1820	1972	
Weir			1972	2084	
Shale			2084	2172	
Berea			2172	2182	
Shale with trace sand			2182	3031	
Warren			3031	3086	
Shale			3086	3102	
Speechley			3102	3194	
Shale w/trace Sand			3194	3822	

JUN 7 - 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
Upper Balltown			3822	3848	
Shale			3848	3996	
Lower Balltown			3996	4050	
Shale w/some siltstone			4050	4222	
First Riley			4222	4273	
Shale			4273	4462	
Second Riley			4462	4522	
Shale			4522	4600	
Third Riley			4600	4622	
Shale			4622	4682	
Benson			4682	4710	
Shale w/trace Siltstone			4710	4934	
Alexander			4934	5028	
Shale w/trace siltstone			5028	5262	
Total Depth:				5262	
					<u>Gas Checks:</u> 1500' - No Show 1698' - No Show 1857' - No Show 2045' - No Show 2265' - 20/10 thru 1" w/water 2582' - 24/10 thru 1" w/water 2865' - 30/10 thru 1" w/water 3117' - 36/10 thru 1" w/water 3370' - 26/10 thru 1" w/water 3593' - 30/10 thru 1" w/water 3843' - 30/10 thru 1" w/water 4096' - 26/10 thru 1" w/water 4295' - Oil Odor 4345' - 38/10 thru 1" w/water 4564' - 38/10 thru 1" w/water 4786' - 30/10 thru 1" w/water 5010' - 30/10 thru 1" w/water 5262' - 40/10 thru 2" w/water DC - 20/10 thru 2" w/water

JAN 7 - 1991

17644

017-4045
 Issued 9/20/93
 Page 3 of 8
 Expires 9/20/95

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: Eastern American Energy Corporation
- 2) Operator's Well Number: ASHLAND MAXWELL #49 - Revised 3) Elevation: 1000'
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): Alexander #39
- 6) Proposed Total Depth: 5155' feet
- 7) Approximate fresh water strata depths: 217', 244', 256'
- 8) Approximate salt water depths: 1204'
- 9) Approximate coal seam depths: 401-404'
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 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'		<i>Handwritten: 7/16/01/9</i>
Fresh Water	8-5/8"	F-25	20.0	1000'	1000'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2.2
Intermediate	*					
Production	4-1/2"	J-55	10.5		5070'	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 WW-2B Bond _____ Agent
 (Type)

RECEIVED

WV Division of Environmental Protection

017-4045

FORM WW-2B

Page 3 of 8

AUG 31 93

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS PERMITTING WELL WORK PERMIT APPLICATION

- 1) Well Operator: Eastern American Energy Corporation 14980 (8) 526
2) Operator's Well Number: ASHLAND MAXWELL #49 - Revised 3) Elevation: 1000'
Well type: (a) Oil / or Gas XX/
(b) If Gas: Production XX/ Underground Storage / Deep / Shallow XX/
Proposed Target Formation(s): Alexander
Proposed Total Depth: 5155' feet
Approximate fresh water strata depths: 217', 244', 256'
Approximate salt water depths: 1204'
Approximate coal seam depths: 401-404'
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

Table with 7 columns: TYPE, SPECIFICATIONS (Size, Grade), FOOTAGE INTERVALS (Weight per ft., For drilling, Left in well), and CEMENT (Fill-up). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and 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 Agent (Type)

RECEIVED
Division of Environmental Protection
AUG 31 93
Permitting
Oil & Gas

- 1) Date: August 17, 1993
- 2) Operator's well number ASHLAND/MAXWELL #49 (Revised)
- 3) API Well No: 47 - 017 - 4045
State - County - Permit

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 Matthew Lewis Hamblet
Address 3351 Mar-Lu Ridge Road
Jefferson, MD 21755
 - (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
 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 8 on the above named parties, by:
 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. Galante
 Its: Designated Agent
 Address P.O. Box 820
Glenville, WV 26351
 Telephone 304/462-5781

Subscribed and sworn before me this 17th day of August, 1993

Marilyn M. Bean Notary Public

My commission expires February 26, 2002.

