

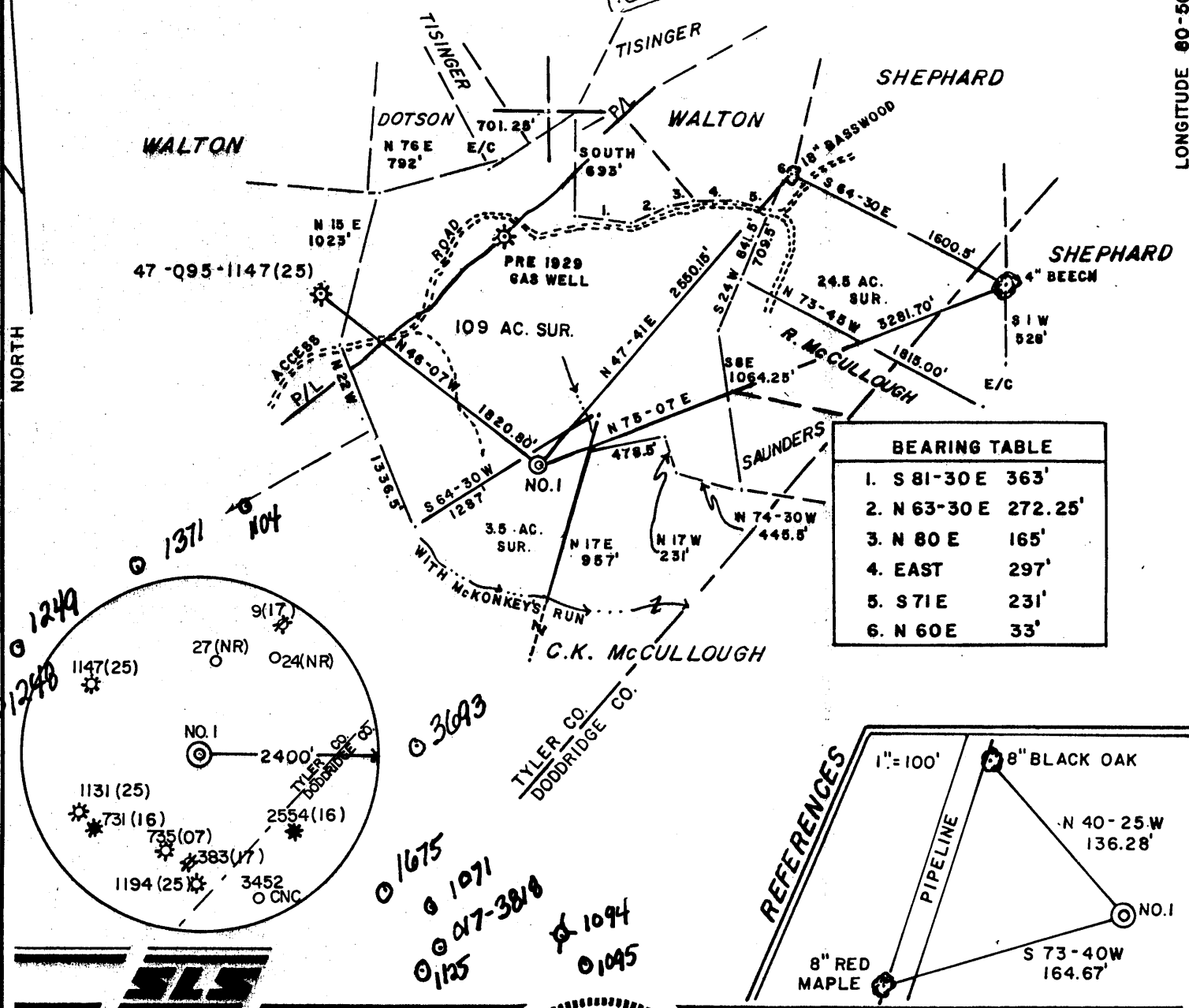
Smile
6/27/90

WALTON LEASE

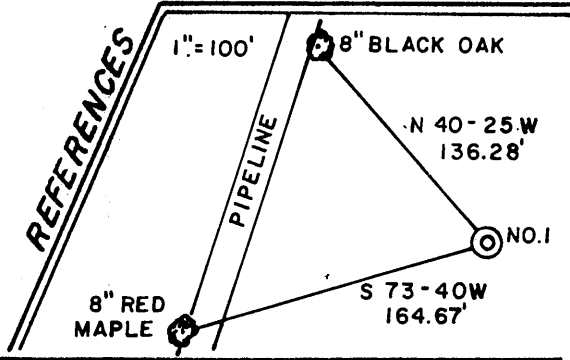
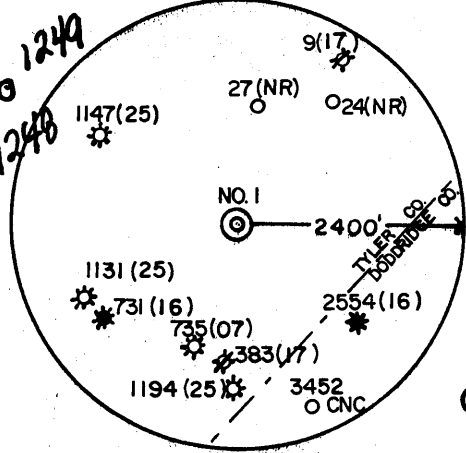
137 ACRES ±

WELL NO. 1

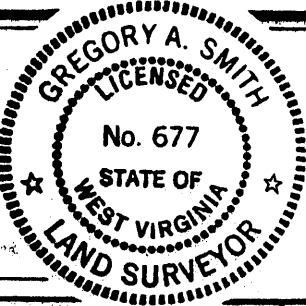
00-05-08 EADU10GNT0



BEARING TABLE	
1.	S 81-30 E 363'
2.	N 63-30 E 272.25'
3.	N 80 E 165'
4.	EAST 297'
5.	S 71 E 231'
6.	N 60 E 33'



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 MAY 16, 19 90
 OPERATORS WELL NO. WALTON NO. 1
 WVTYL001401
 API WELL NO. 47 - 095 - 1402
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2318 (32-11)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV 1165' SCALE 1" = 1000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1062' WATERSHED LONG RUN
 DISTRICT CENTERVILLE 1 COUNTY TYLER QUADRANGLE WEST UNION 7.5' + 15' 50

SURFACE OWNER DENISE & MARY LOU WALTON ACREAGE 3.5
 ROYALTY OWNER EUGENE WALTON, et. al. LEASE ACREAGE 3.5 OF 137

PROPOSED WORK: LEASE NO. WV01944-A
 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 5375'

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

575

COUNTY NAME PERMIT

REC'D
Division of Energy
OCT 29 90
Permitting
and Gas

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: WALTON, EUGENE ETAL. Operator Well No.: WALTON #1

LOCATION: Elevation: 1062.00 Quadrangle: WEST UNION

District: CENTERVILLE County: TYLER
Latitude: 4710 Feet South of 39 Deg. 20Min. 0 Sec.
Longitude 8590 Feet West of 80 Deg. 50 Min. 0 Sec.

Company: EASTERN AMERICAN ENERGY C
P. O. BOX N
GLENVILLE, WV 26351-0000

Agent: DONALD C. SUPCOE

Inspector: GLEN P. ROBINSON
Permit Issued: 07/06/90
Well work Commenced: 09/24/90
Well work Completed: 10/10/90

Verbal Plugging
Permission granted on: _____
Rotary x Cable _____ Rig _____
Total Depth (feet) 5481'
Fresh water depths (ft) 115'

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"	128'	128'	C.T.S.
8-5/8"	1235.00'	1235.00'	C.T.S.
4-1/2"	5306.70'	5306.70'	316
1-1/2"	---	5177'	---

OPEN FLOW DATA

(Commingled)

Producing formation Alexander, Riley Pay zone depth (ft) 5225.5' 4489.
Gas: Initial open flow 780 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 510 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 925 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: Rich Heffelfinger
EASTERN AMERICAN ENERGY CORP.
Rich Heffelfinger
By: _____ Vice President - Regional Operations
Date: October 17, 1990

NOV 5 1990

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

2-STAGE FOAM FRAC

STAGE 1: Alexander - 12 holes (5225.5'-5203') Breakdown 1950 psi, 65 Quality foam, 20 lbs/1000 gals Gel, 70,000 lbs 20/40 sand, 500 gals 15% HCl, 570,000 scf of N₂

STAGE 2: Riley - 14 holes (4534'-4489.5') Breakdown 1760 psi, 65 Quality foam, 20 lbs/1000 gals Gel, 5000 lbs 80/100 sand, 48,000 lbs 20/40 sand, 500 gals 15% HCl, 615,000 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	5	Hole damp @ 115'
Sandy Shale			5	20	1" stream water @ 775'
Sand			20	177	1/2" stream water @ 1470'
Coal			177	184	Coal
Sand			184	295	
Sandy Shale			295	325	
Sand			325	355	
Sandy Shale			355	425	<u>GAS CHECKS:</u>
Red Rock			425	585	1697' - No show
Sandy Shale			585	835	1913' - No show
Red Rock			835	960	2037' - No show
Sandy Shale			960	1160	2220' - No show
Red Rock			1160	1195	2896' - No show
Sandy Shale			1195	1330	3542' - No show
Sand			1330	1620	4004' - 6/10 thru 1" w/water
Sandy Shale			1620	1697	4405' - 8/10 thru 1" w/water
Sand			1697	1874	4649' - 4/10 thru 2" w/water
Little Lime			1874	1890	5048' - 12/10 thru 2" w/water
Sandy Shale			1890	1913	5295' - 14/10 thru 2" w/water
Big Lime			1913	1972	D.C. - 2/10 thru 2" w/water
Big Injun			1972	2100	
Shale and Sandy Shale			2100	2248	
Weir			2248	2370	
Shale and Sandy Shale			2370	2436	
Berea			2436	2441	
Shale, Sandy Shale and Tr. Sand			2441	3348	
Warren			3348	3402	
Shale, Sandy Shale and Tr. Sand			3402	4487	
Riley			4487	4544	
Shale and Sandy Shale			4544	4846	
3rd Riley			4846	4866	
Shale			4866	4908	
Benson			4908	4918	
Shale and Sandy Shale			4918	5160	
Alexander			5160	5232	
Shale and Sandy Shale			5232	5481 T.D.	

10810

(Attach separate sheets as necessary)

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

Issued 7/6/90
Expires 7/6/92

- 1) Well Operator: Eastern American Energy Corporation ²⁵⁹ 14980 (1) 670
- 2) Operator's Well Number: Walton #1 - WVTYL001401 3) Elevation: 1062'
- 4) 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: 5375 feet
- 7) Approximate fresh water strata depths: 58', 150', 549' ^{209'}
- 8) Approximate salt water depths: 1510' ^{1587'}
- 9) Approximate coal seam depths: 401', 662'
- 10) Does land contain coal seams tributary to active mine? No XX/
- 11) Proposed Well Work: Drill and complete new well.
- 12)

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Permitting
Oil and Gas Section

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11 "	F-25	37.5	30'	-----	
Fresh Water	8-5/8"	J-55	20.0	1215'	1215'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2
Intermediate						
Production	4-1/2"	J-55	10.5	5290'	5290'	38CSR18-11.1
Tubing	1-1/2"	H-40	2.75			
Liners						

PACKERS : Kind
Sizes
Depths set

For Division of Oil and Gas Use Only

11694
16

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

10870

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Division of Energy

JUN 13 90
Permitting
Oil and Gas Section

Page 1 of 11
Form WW2-A
(09/87)
File Copy

1) Date: May 25, 1990
2) Operator's well number
Walton #1 - WVTYL001401
3) API Well No: 47 - 095 - 1402
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 Eugene Walton
Address Rt. 2, Box 391
Clarksburg, WV 26301
(b) Name Mary Lou Walton
Address Rt. 2, Box 391
Clarksburg, WV 26301
(c) Name Denise Walton
Address 3349 River Crest Dr.
APT. # 327
Mellbourne, FL 32935
6) Inspector Glen P. Robinson
Address Rt. 1, #6 Mt. Pleasant Est.
Mineralwells, WV 26150
Telephone (304)- 489-2736

5) (a) Coal Operator:
Name None
Address _____
(b) Coal Owner(s) with Declaration
Name None
Address _____
(c) Coal Lessee with Declaration
Name None
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 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. Paletti
Its: Designated Agent
Address P.O. Box N
Glenville, WV 26351
Telephone (304) 462-5781

Subscribed and sworn before me this 29th day of May, 1990
John L. ... Notary Public
My commission expires July 2, 1996