

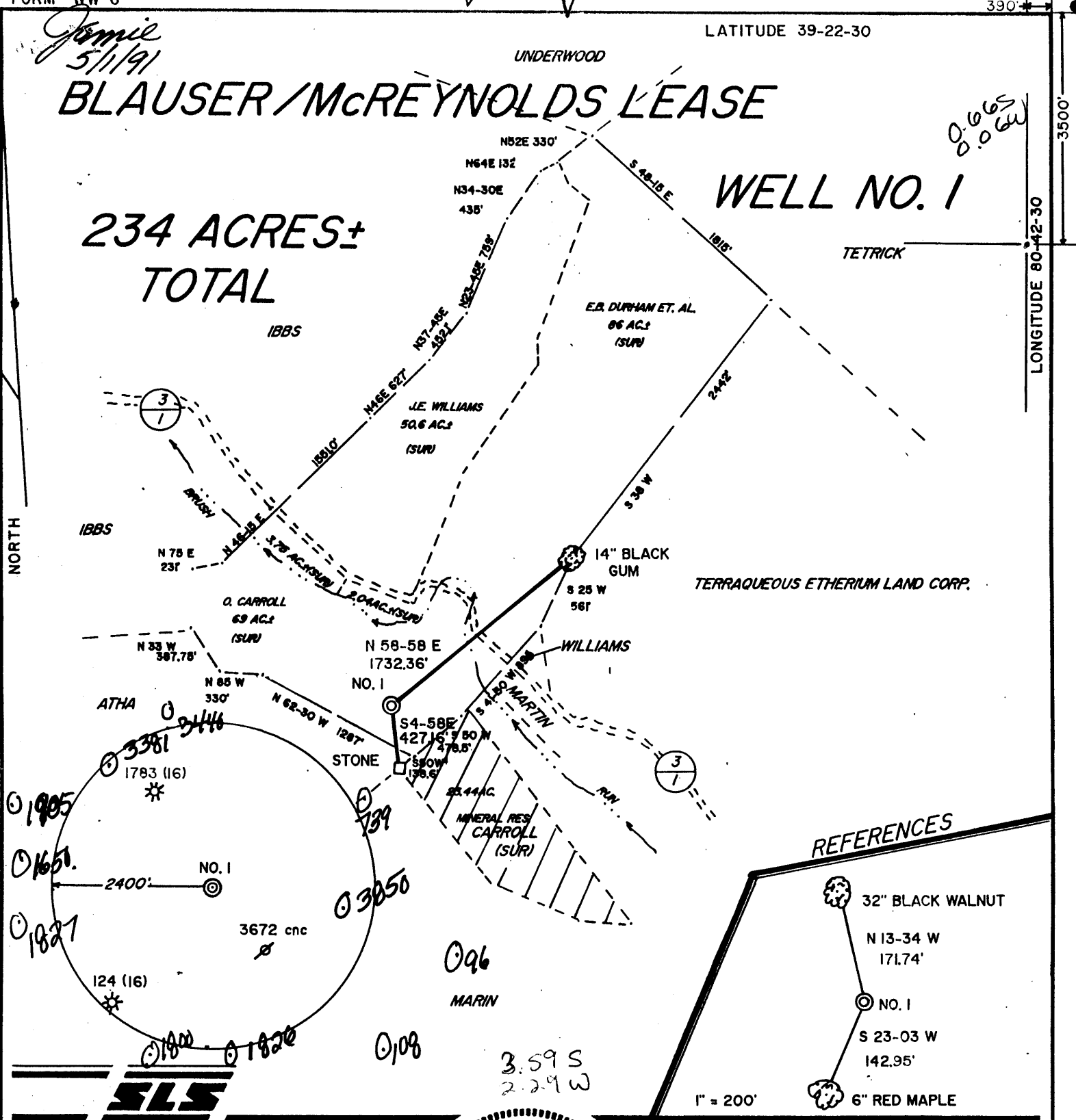
UNDERWOOD

BLAUSER/McREYNOLDS LEASE

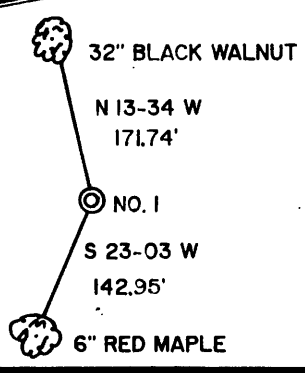
0.665
0.06W

WELL NO. 1

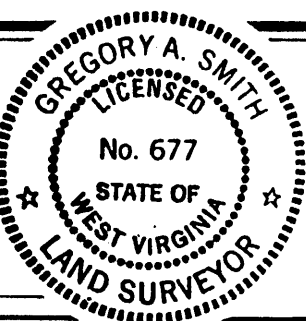
234 ACRES± TOTAL



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE APRIL 12, 19 91
 OPERATORS WELL NO. BLAUSER/McREYNOLDS
 API WELL NO. 47 - 017 - 3887
 STATE COUNTY PERMIT

L.L.S. 677 Gregory A. Smith

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2597 (36-16)
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 793' SCALE 1" = 1000'

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1175' WATERSHED BRUSH RUN DISTRICT GRANT 3 COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'

SURFACE OWNER SARAH CARROLL ACREAGE 69 ROYALTY OWNER STEWART E. McREYNOLDS LEASE ACREAGE 69 OF 234

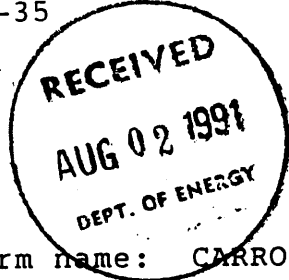
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BENSON ESTIMATED DEPTH 5250'

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

575

COUNTY NAME PERMIT



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

Well Operator's Report of Well Work

Farm name: CARROLL, SARAH J.

Operator Well No.: BLAU/MCREYN 1

LOCATION: Elevation: 1175.00 Quadrangle: SMITHBURG

District: GRANT County: DODDRIDGE
Latitude: 3500 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 390 Feet West of 80 Deg. 42 Min. 30 Sec.

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

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 05/08/91
Well work Commenced: 05/22/91
Well work Completed: 06/08/91
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5336'
Fresh water depths (ft) 112'

Salt water depths (ft) 800'

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"	1329.35'	1329.35'	C.T.S.
4-1/2"	5311.75'	5311.75'	740

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 5215'-5211'
Gas: Initial open flow 367 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 315 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 780 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.

Ronald L. Rech
For: EASTERN AMERICAN ENERGY CORP.

By: Ronald L. Rech, Regional Drilling Manager
Date: June 17, 1991

AUG 12 1991

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

ONE-STAGE FOAM FRAC

Benson - 14 holes (5215'-5211') 70 Quality foam, 30 lbs/1000 gals Gel, 40,000 lbs 16/30 sand, 500 gals 15% HCl acid, 810,000 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
K.B.-G.L.			0	10	Hole Damp @ 112'
Fill			10	20	Soap Hole
Shale and Red Rock			20	227	1/2" @ 800'
Sand and Shale			227	257	
Shale and Red Rock			257	348	
Sand and Shale			348	472	
Shale and Red Rock			472	629	
Sand			629	663	
Shale and Red Rock			663	675	1512' - No show
Sand			675	718	2112' - No show
Shale and Red Rock			718	795	2197' - Oil Odor
Sand			795	812	2366' - No show
Shale			812	840	2744' - No show
Sand and Shale			840	888	2964' - No show
Shale and Red Rock			888	980	3377' - No show
Red Rock			980	1225	3912' - No show
Sand			1225	1260	4606' - 4/10 thru 1" p w/water
Shale and Red Rock			1260	1305	4826' - 10/10 thru 1" p w/water
Sand and Shale			1305	1620	5145' - 10/10 thru 1" p w/water
Sand			1620	1660	5208' - 8/10 thru 1" w/water
Sand and Shale			1660	1835	5336' - 6/10 thru 1" w/water
Sand			1835	1880	D.C. - 22/10 thru 1" w/water
Sand and Shale			1880	1980	
Lime and Sand			1980	1987	
Little Lime			1987	2066	
Sand and Shale			2066	2150	
Big Lime			2150	2250	
Big Injun			2250	2304	
Sand and Shale			2304	2414	
Sand			2414	2445	
Sand and Shale			2445	2455	
Weir			2455	2520	
Sand and Shale			2520	2656	
Berea			2656	2677	
Sand and Shale			2677	3530	
Warren			3530	3578	
Sand and Shale			3578	4725	
Riley			4725	4771	
Sand and Shale			4771	5210	

(Attach separate sheets as necessary)

5210 T.D. 5250

Benson

12/53

017-3887
 issued 5/8/91

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

Exposed 5/8/93

- 1) Well Operator: Eastern American Energy Corporation 14980 (3) 610
- 2) Operator's Well Number: Blauser/McReynolds #1 WVDOD0025013 Elevation: 1175'
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): Benson
- 6) Proposed Total Depth: 5350 feet
- 7) Approximate fresh water strata depths: 340', 440'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None
- 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	40'	-----	
Fresh Water	8-5/8"	H-40	20.0	1325'	1325'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2.2
Intermediate						
Production	4-1/2"	J-55	10.5	5265'	5265'	38CSR18-11.1
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

APR 24 91

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)

15579
12

1) Date: April 22, 1991
2) Operator's well number
Blausler/McReynolds #1 WVDOD002501
3) API Well No: 47 - 017 - 3887
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

RECEIVED
Division of Energy

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

APR 24 91

- | | |
|---|------------------------------------|
| 4) Surface Owner(s) to be served: | 5) (a) Coal Operator: |
| (a) Name <u>Sarah J. Carroll</u> | Name <u>N/A</u> |
| Address <u>Centerpoint Star Rt., Box 62</u> | Address _____ |
| <u>West Union, WV 26456</u> | |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name <u>N/A</u> |
| | Address _____ |
| (c) Name _____ | Name _____ |
| Address _____ | Address _____ |
| | |
| 6) Inspector <u>Mike Underwood</u> | (c) Coal Lessee with Declaration |
| Address <u>Rt. 2, Box 135</u> | Name <u>N/A</u> |
| <u>Salem, WV 26426</u> | Address _____ |
| Telephone (304)- <u>782-1043</u> | |

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

xxx 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)
- xxx 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 John M. Paletti
Its: Designated Agent
Address P.O. Box N
Glenville, WV 26351
Telephone (304) 462-5781

Subscribed and sworn before me this 22nd day of April, 1991

Edna Marie Huff Notary Public
My commission expires August 2, 1993