



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RF

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

Surface Owner Clinchfield Coal Company
Address Widen, WV
Mineral Owner Clinchfield Coal Company
Address Widen, WV
Coal Owner Clinchfield Coal Company
Address Widen, WV
Coal Operator Clinchfield Coal Company
Address Widen, WV

DATE September 21, 1977
Company Eastern American Energy Corp. dba Pacific States Gas & Oil, Inc.
Address PO Box N, Glenville, WV
Farm Clinchfield Coal Acres 77,000
Location (waters) Buffalo Creek
Well No. E.A. 1 Elevation 821
District Henry County Clay
Quadrangle Clay 7 1/2

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 1-23-78.

Robert H. Todd
Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Martin Nichols
ADDRESS PO Box 554, Clendenin, WV 25045
PHONE 548-6993

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Dec. 26 1940 by Elk River Coal & Lumber Co. made to Pitts. & WV Gas Co. and recorded on the 14 day of Jan. 41 in Clay County, Book 22 Page 161 27 1 day of March 1941 in Nicolas County, Book 10 Page 161
 NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours, John Mark
(Sign Name) John Mark
Well Operator
Post Office Box 67
Street
Glenville,
City or Town
West Virginia
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

CLAY-1260

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by John Mark

47-015

12/01/2023

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Gene Stalnaker NAME John Mork
 ADDRESS Letter Gap, WV ADDRESS PO BOX N, Glenville, WV
 TELEPHONE 462-7092 TELEPHONE 462-8118
 ESTIMATED DEPTH OF COMPLETED WELL: 2000 ft. ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	250	250	Surface
7			
5 1/2			
4 1/2	2000	2000	250 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 105
 IS COAL BEING MINED IN THE AREA? yes BY WHOM? Clinchfield Coal Co.

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for Clinchfield Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the Clinchfield Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code. 12/01/2023

Sutton Allen
 For Coal Company
Manager
 Official Title

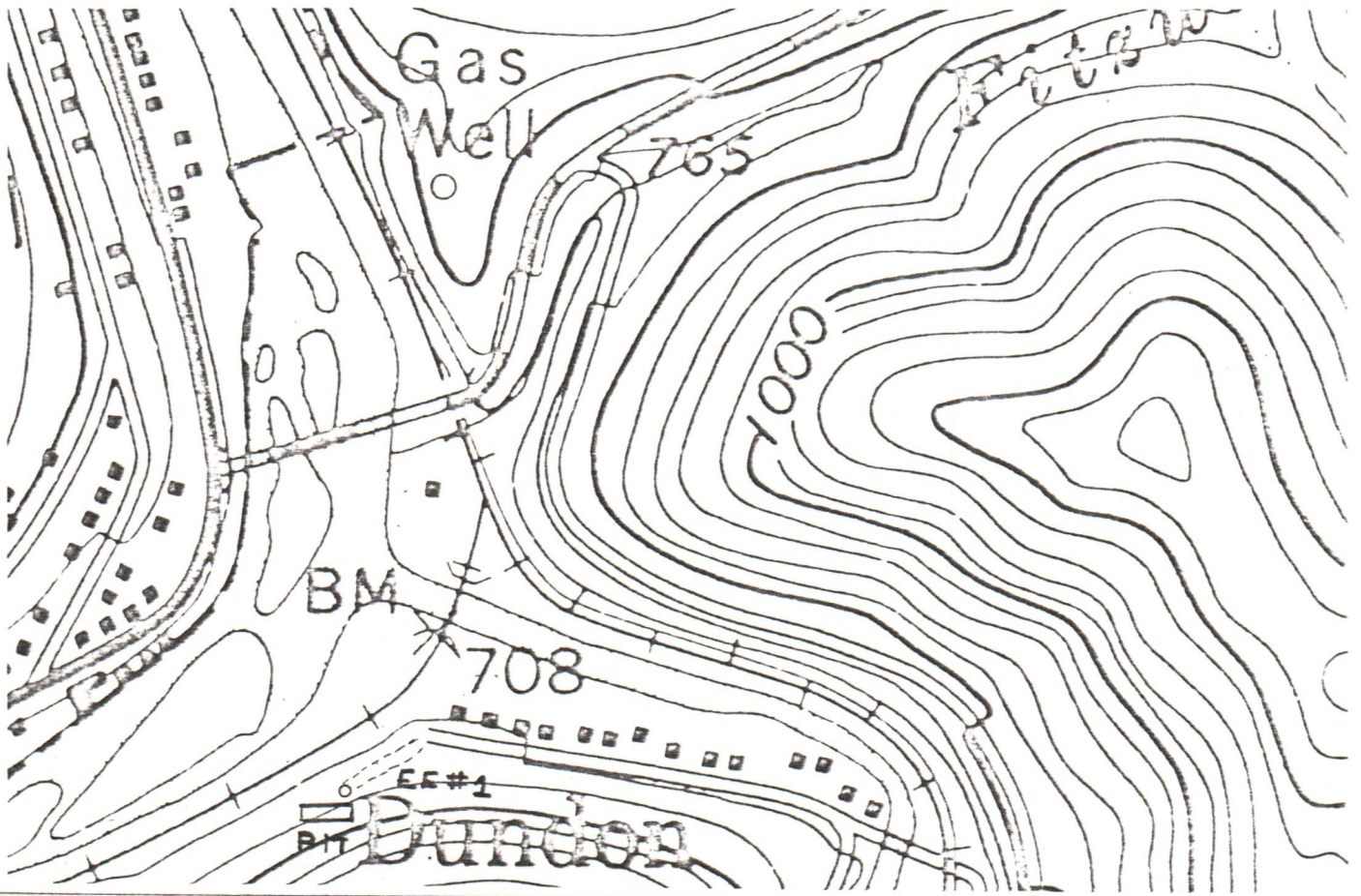
RECLAMATION PLAN

WELL NO. E.A. 1

QUADRANGLE Clay NE

SCALE 1 in. = 500 ft.

Locate and show (1) Well Location (2) Access Road (3) Well Site (4) Drilling Pit and (5) Necessary Drainage Features.



COMPANY NAME EASTERN AMERICAN ENERGY CORPORATION

PERMIT NO. _____

FARM Clinchfield Coal Company DISTRICT HENRY

COUNTY CLAY

STATEMENT OF RECLAMATION PLAN:

Not to scale; drawing of all roads, locations, ditches, drains, pits, silt traps, etc.

Location and road banks to be hydroseeded.
Pit to be filled and graded as nearly as practical to original contour.

This plan was observed and agreed upon between the well operator, contractor, and the district oil and gas inspector.

12/01/2023

Please indicate () "YES" if the district inspector was present.

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Submitted By: [Signature]

Title President

Date September 21,



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED

APR 20 1978

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Clay

Permit No. Clay-1260

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Kidd
(Kidd)

Company <u>Eastern American Energy Corporation</u> Address <u>P.O. Box N, Glenville, WV</u> Farm <u>Clinchfield Coal Company Acres 77,000</u> Location (waters) <u>Buffalo Creek</u> Well No. <u>1</u> Elev. <u>821</u> District <u>Henrey</u> County <u>Clay</u> The surface of tract is owned in fee by _____ <u>Clinchfield Coal Company</u> Address <u>Widen, W.Va.</u> Mineral rights are owned by <u>Clinchfield Coal</u> Company Address <u>Widen, W.Va.</u> Drilling Commenced <u>9-22-77</u> Drilling Completed <u>10-2-77</u> Initial open flow <u>N/A</u> cu. ft. _____ bbls. Final production <u>0</u> cu. ft. per day <u>0</u> bbls. Well open <u>4</u> hrs. before test <u>0</u> RP.	Casing and Tubing Size 20-16 Cond. 13-10" 9 5/8 8 5/8 7 5 1/2 4 1/2 3 2 Liners Used	Used in Drilling 241 1811	Left in Well 241 1811	Cement fill up Cu. ft. (Sks.) Surface 150 sks.
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Well treatment details:

Attach copy of cementing record.

Perf. Maxton <u>1424-1465 ft. w/14-1/2" holes</u>	Breakdown <u>2500 psi</u>
Frac. w/ <u>415 bbl. water,</u>	Ave. Rate <u>22.2 bbl/m</u>
<u>21,500 lbs.</u>	Ave. Pres. <u>2986 psi</u>
<u>18,500 lbs. 20/40</u>	
<u>500 gal. HCL</u>	

Coal was encountered at 145-150 Feet _____ Inches
Fresh water N/A Feet _____ Salt Water N/A Feet _____
Producing Sand Maxton Depth 1415-1528 ft.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	40		
Shale			40	87		
Sand and Shale			87	145		
Coal			145	150		
Sand and Shale			150	842		
Shale			842	1052		
Sand			1052	1128		
Shale			1128	1252		
Sand			1252	1298		
Shale			1298	1415		
Maxton			1415	1528		

12/01/2023

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet ⁶	Bottom Feet	Oil, Gas or Water	* Remarks
Pencil Cave			1528	1555		
Big Lime			1555	1629		
Big Injun			1629	1748		
Shale			1748	1911		
TD			1911			

12/01/2023

Date March 31 1978

APPROVED John Mork Eastern American Energy Corp. Owner

By John Mork, Petroleum Engineer

(111)

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED

OCT - 4 1977

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Clay-1260

Oil or Gas Well Gas
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Eastern American Energy Corp. Pacific States Gas Oil Inc.</u>				
Address <u>Glennville, W. Va.</u>	Size			
Farm <u>Clinchfield Coal</u>	16			Kind of Packer
Well No. <u>E.A.-I</u>	13			
District <u>Henry</u> County <u>Clay</u>	10			Size of
Drilling commenced <u>9-27-77</u>	8 ⁵ / ₈	240	240	Depth set
Drilling completed _____ Total depth _____	6 ⁵ / ₈			
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>240</u> No. FT. <u>9-27-77</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>145</u> TO <u>150</u> FEET _____ INCHES			
	FEET	INCHES	FEET	INCHES
	FEET	INCHES	FEET	INCHES

Drillers' Names _____

Remarks:
Drilling at 934 ft-

9-30-77
DATE

Martin B. Nickle
12/04/2023
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
JUN 13 1978

INSPECTOR'S WELL REPORT OIL & GAS DIVISION
DEPT. OF MINES

Permit No. Clay-1240

Oil or Gas Well Gas
(KIND)

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
																Size			Kind of Packer
<u>Eastern American Energy Co</u>	<u>Glennville, WVA</u>	<u>Clinchfield Coal</u>	<u>E.A. I</u>	<u>Henry</u>	<u>Clay</u>											16			
																13			
																10			Size of
																8 1/4			
																6 3/4			Depth set
																5 3/16			
																3			Perf. top
																2			Perf. bottom
																Liners Used			Perf. top
																			Perf. bottom
																CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
																NAME OF SERVICE COMPANY _____			
																COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
																_____ FEET _____ INCHES _____ FEET _____ INCHES			
																_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:
Warning Notice on the following location
Permit NO-1260-1264-1261-1276- they have been
working on connection up of wells.

6-8-78
DATE

Martin B. Nichol 508
12/01/2023
DISTRICT WELL INSPECTOR

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE Gas
ELEVATION _____
DISTRICT Henry
QUADRANGLE _____
COUNTY Clay

API# 47-015 -1260
OPERATOR E. American Energy Corp.
TELEPHONE _____
FARM Clinchfield Coal
WELL # 1

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____
DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED _____

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

CASING

Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on DEP with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD _____ feet on _____

PLUGGING

APR 22 1986

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 4-18-86

*Reclamation O.K. to release.
Well is not in Production*

Homer H. Dougherty
Inspector's signature

API# 47 - - - - -

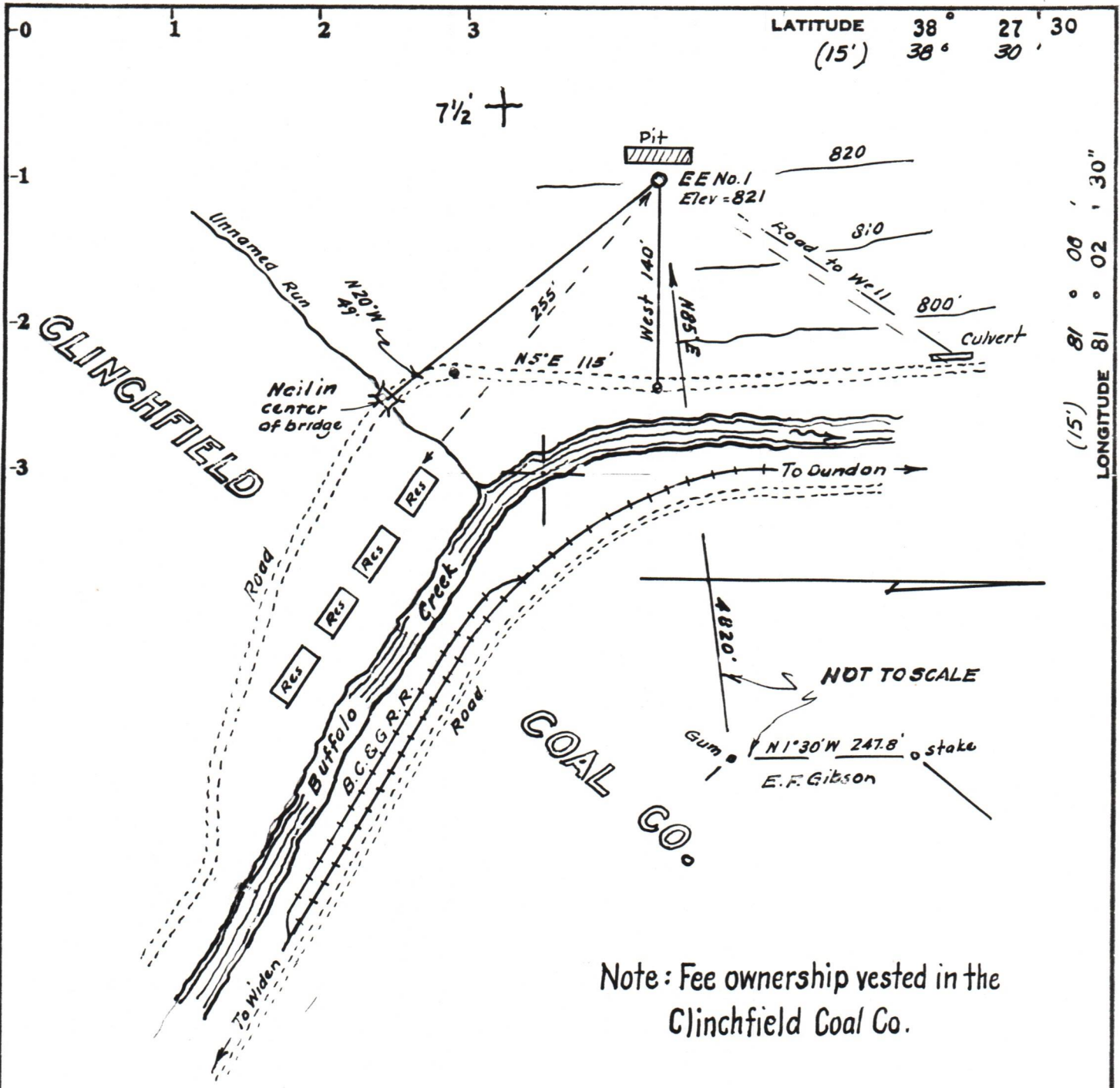
LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

LATITUDE 38° 27' 30" (15') 38° 30'

LONGITUDE 81° 02' 30" (15') 81° 02'



Note: Fee ownership vested in the Clinchfield Coal Co.

Minimum Error of Closure 1 in 200'

Source of Elevation B.M. at Dundon = 708

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: *M. Stoeck*
Squares: N S E W

Map No. _____

EASTERN AMERICAN ENERGY CORP.
Company dba PACIFIC STATES GAS and OIL
Address P.O. Box 67, Glenville, West Va.
Farm Clinchfield Coal Co.
Tract _____ Acres 77,000 Lease No. _____
Well (Farm) No. E.E. No. 1 Serial No. _____
Elevation (Spirit Level) 821
Quadrangle Clay 7 1/2 15'
County Clay District Henry
Engineer *M. Stoeck*
Engineer's Registration No. 1227 LLS 200'
File No. _____ Drawing No. _____
Date July 28, 1977 Scale 1" = 100'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. CLA - 12601/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to $\frac{62,500}{29,000}$, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. **47-015**

2000 Jones