FORM IV-2(B) (Obverse) 7-83



Date:	August	3,	, 19_84
Operator's	120000000000000000000000000000000000000		

4234 3) API Well No. County Permit

OIL & GAS DIVISION STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
OF MANAGEMENT FOR A WELL WORK PERMIT

Add		.O. Box			lle, W	1 14980	Address		Glenville, WV 2635
8) OII &	GAS INSPE	A SECTION AS		Marie N			9) DRILLING CO	(304) 462	2-5/81
Name	D 1			7398			Name	77 1	
Add	iress		Box 6		2527		Address	- 57	TO THE PROPERTY OF THE PARTY OF
			Ridge,						A SPORTA
10) PROP	OSED WELL	WORK:			_/ Drill		/ Redrill		1
							ate new formation		AUG 6 1984
11) GEOL	OGICAL TA	RGET FOR			Elk	well (specify)			OIL & GAS DIVISION
	timated depth				520	00 feet			
13) A	proximate tra	ata depths:	Fresh, _	190	200	feet; salt	, None	feet. D	EPT. OF MINE
	oproximate co				Unknow	1 Is co	al being mined in the	e area? Yes	/ NoX/
15) CASIN	IG AND TUE								
CASING OR TUBING TY		1	Weight			FOOTAGE I		OR SACKS	PACKERS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
Conductor Fresh water	20 8 5/8	Fig. Ca. No. and Section 20, 1965	94	X	X	25	-0-	CTS B	Kinds RILLE IS AS
Coal	0 3/0	CW	20	X		400	400	C13 0	Sizes
Intermediate							The state of the s		SIECS .
Production	41/2	J 55	10.5	X		5000	5000	350 Ft. ³	Depths set
Tubing	11/2	H-40	2.5	X		Yako azu a	4800	ov as	required by
Liners									Perforations: Mule 15
		- anoitas	apai an	ozolio	VIII II CI	occurrences:	dates of certain	ult brossnot rid	Top Bottom
						1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			
									Baylanor moiter Hea A
				10000	0	FFICE USE C	ONLY		
					D	RILLING PE	RMIT		Well work statted
Permit numb	er 4	7-021-	4234					August	20, 19 84
									Completion of the drilling
									ice with the pertinent legal re-
									l and Gas Inspector, (Refer to tractor shall notify the proper
						rk has commenced		en operator of his con	tractor shall notify the proper
district oil ai		described in	the Notice	e and A	pplication,	plat, and reclama	ation plan, subject t	o any modifications a	nd conditions specified on the
	d work is as								
	of.	ugust	20 10	96					

NOTE: Keep one copy of this permit posted at the drilling location.

FORM	IV-2(B)
Reverse	

FILE COPY

Administrator Office of Oil and Administration



OFFICE USE ONLY

PERMIT M	ODIFICATIONS		IONS (IF AN			ROPOS		ELL WOI	KLT THE C
(3)	LLKB	TOTAL TOTAL			10				LOCATION
No. 16. C. shirters	Cuadrangle C.		Districts GLOT VIOLEC County.						
9.1000c		U DESIGNATED	. 102					RATOR) * WELL OPE
1976	-sor (Ne)			V.E. \S200	Lyles	Iove-3	62 ((8)	
	NTRACTOR	9) DRILLING CO				E NOTIF	RTOR	INSPECTO	
-		Address							Name Address
re(Clenty)en	(II)					1905.			
Brown	/ Sumulate	/ Redrift s				Lilia	DRK:	WELLE WO	
S rooms our		nc new formation							
POELO OUA			di (specify)						
DIE & CAS DIVISION)								
PT. OF MINE	2/1		feet						12) Estimat
mayaran 101 . 1		al being mined in the	1188 ;1991 <u> </u>						коладА (£) холадА (4)
									A CASING A
	CEMENT PHILOP	YESRYMS 3				PICATIONS			SASTNG KOR
	OR SACES	DEW HE HELD			wald	Reight per ft.		size La	TORING TYPE
							15.5		
RULE 15,05	CT3 BY								
	F								
Depthy scur	.08 000	OFFIC	E USE ONL	V	100	C	CC.		ndistion
-12 V 12 MIN 30	297 79	OFFIC	E USE ONL	1			L. Carrie	3 353	goid.
This part of Form IV-2	(b) is to record the	dates of certain	Occurrences	and any f	ollou	un incr	ection	C	
rins part of 1 orin 14-2	(b) is to record the	dates of certain	occurrences	allu ally I	OHOW	-up msp	ection	S	
		Date				Falls.		Date	(s)
							4		
Application received				up inspect	ion(s))			
Wall monly stanted			H,LING PE	90	,,				
Well work started									
Completion of the drill									
process mentagg of this			a sometimes at the		,,	How hore			ravon toman sh
of vitally colougens and his			verse hereof. Mr	nd on the re					ir eroents subjec
Well Record received	ll operator or his concr		has commenced	gits for any anitted work	og lan		a of some	construçõe mspect or 2	Men Moiry (8 . (Re bas lio Mir)
Reclamation completed		tion plan, subject to	la,, and reclains	pplication, p	, bns	ne Natioe		rk is as descr	
osecuted with due diligence	an has stab tedakkinan					(9)		guā	iarse hereof:
									oving/ovini)
OTHER INSPECTION	U								
Reason:	5					at;		Agenty	BORDER

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.



IV-9 (Rev 8-81)

Recd. (WFSCD) AUG 2 1984

DATE July 27, 1984 WELL NO. MOORE #11

API NO. 47 -

State of Mest Airginia

Bepartment of Mines Bil and Gas Bivision

CONSTRUCTION AND RECLAMATION PLAN

Eastern American COMPANY NAME Energy Corporation	DESIGNATED AGENT Donald C. Supcoe
Address P. O. Box N. Glenville, W 26351	Address P. O. Box N, Glenville, WV 26351
Telephone (304) 462-5781	Telephone (304) 462-5781
LANDOWNER Gilbert Jones	SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by	(Agent)
S REVIEW IS MADE FOR SITE AS SHOWN A	8 14/84 Date) AUG 2 0 1984
SLOPE OF PLUS OR MINUS 10 FT. SLOPE OF PLUS OR MINUS 3 PERCENT MAKES PLAN NOT ACCEPTABLE TO WESCD,	(SCD Agent) OIL & GAS DIVISION LOCATION DEPT. OF WAR
Structure Culvert (A)	Structure Diversion Ditches (1)
Spacing 15" Diameter (minimum) (as needed) with riprapped outlet	Material Earthen
Page Ref. Manual 2/7	Page Ref. Manual 2/12
Structure Drainage Ditch (B)	Structure Drilling Pit (2)
spacing Earthen (Inside road cuts)	Material Soil
Page Ref. Manual 2/12	Page Ref. Manual N/A
Structure Cross Drains (C)	Structure Drainage Ditch (3)
2-3% 200-250' apart 15%-60' apart Spacing 10-12% 70' apart 20%-45' apart with normpood outlet	Material Earthen
Page Ref. Manual 2/4	Page Ref. Manual 2/12
All structures should be inspected regularly commercial timber is to be cut and stacked and cut and removed from the site before dirt wor Structure Sediment Barrier Material Hay or Straw bales Pg. Ref. Man. Treatment Area I	ad all brush and small timber to be it begins. Structure Filter Strip (4) Material undisturbed natural vegetat
Lime * Tons/acre	Lime * Tons/acre
or correct to pH 6.5	or correct to pH 6.5
Fertilizer 500 lbs/acre (10-20-20 or equivalent)	Fertilizer 500 lbs/acre (10-20-20 or equivalent)
Mulch Hay 2 Tons/acre	Mulch Hay 2 Tons/acre
Seed* Pasture Mix lbs/acre	Seed* Pasture Mix lbs/acre
Ky 31 Fescue 35 lbs/acre	Ky 31 Fescue 35 lbs/acre
Ladino Clover 5 lbs/acre	Ladino Clover 5 lbs/acre
*Inoculate all legumes such as vetch, trefoil Inoculate with 3% recommended amount. **Hime according to ph test, ====================================	and clovers with the proper bacterium. Brooks F. Harris FF4RED BY Eastern American Energy Corporation
SOTES: Please request landswhere' cooperation to protest new seedling for one growing season.	ADDRESS P. O. Box N 12/08/2023
Attach separate sheets as	Glenville, WV 26351
	HONE NO. (304) 462-5781

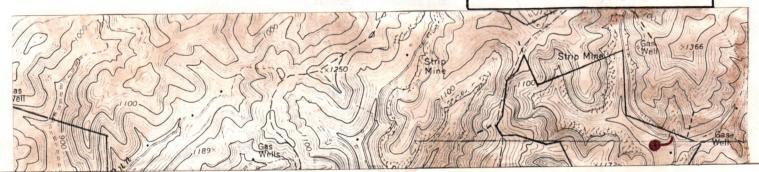
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Glenville 7.5'

LEGEND

Well Site

Access Road



Form IV-2 (A)
Reverse

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
 - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
 - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
 - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
 - 7) See Code § § 22-4-11 (d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-lb and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-lm, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11 (d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

- Under the cath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that—
- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Crantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
Jacob Moore, etal	Pittsburgh & WV Gas Co.	Fixed	131/87
Pittsburgh & WV Gas Co.	Equitable Gas Company	Assigned	174/142/508/2023
Equitable Gas Co.	Eastern American Energy Corporation	Assigned	295/701

SURFACE OWNER'S COPY



1)	Date:	gust 3	•	, 19
2)	Operator's Well No.	MOOR	E #11	
3)	API Well No.	47	021	
		State	County	Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

5) LOCATIO	ON: Ele	evation: _	86	31		Watershed:	d storage			/)
			lenvil'			County:	Gilmer	Quadrangle:		7.51
	20 0	ASTON			le. W	Corp.		AGENT	Id C. Succ	DO DERE
Addres	s (36	14) 46	2-5781	MAYAL	in ne		Address	(304) 462	~5781	1 177 00000
8) OIL & GA	S INSPEC	TOR TO	BE NOTI	FIED			9) DRILLING CO	ONTRACTOR:		
Name	Deo Ma	CO	655~	7398			Name			
Addres	s	et. 1,	Box 6	5			Address			
	- <u>- </u>	land R	ideo, 1	W	25274					
10) PROPOSI	ED WELL	WORK:			_/ Drill		/ Redrill		<u> </u>	
							orate new formation			
	ICAL TAR	CET FOI	MATION		Rik					
11) GEOLOG	ated depth	of comple	ted well	,	5200	fee	t The Same And Control			
13) Appro	oximate tra	ta depths:	Fresh.		200	feet; sa	lt, Nons	feet.		
14) Appro	oximate coa	al seam de	pths:	U	hknown		oal being mined in the		/ No	X,
15) CASING										
CASING OR TUBING TYPE	Size	SPE	CIFICATION Weight per ft.	S New	Used	FOOTAGE For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKI	ERS
Conductor	26	3 35	94		x	25	-0-		Kinds	
Fresh water	8 5/8	CM	20	X		400	400			
Coal									Sizes	
Intermediate				4,0				200 00 3		
Production	136	J 55	2.5	37		5000	5000 4800	350 Pt. 3	Depths set	
Tubing	2.75		643	A			3000		Perforations:	
Liners									Тор	Bottom
	The l				-d 66	a aumana Ha	the manuit can	ha issued in less than	16 days 6	
							vever, the permit can s) the following "Volu			
						Application.	Personal Park State of the Stat			
				VOI	IINTARV	TATEMENT	OF NO OBJECTION	J		
				101	LUNIARI	TATEMENT	Of NO OBSECTION			
							e side of this Applicati			
							an Application for a vor proposed well wor			
							materials, and I have			
materials.										
(For execution l	by corporat	ion, partr	nership, etc	:.)		(Fe	or execution by natura	al persons)		
- J. C.ISCUITOII (, terporu	, purti	р, он			<u>(4.</u>	1:00 101	10		
NAME:							Gelbert A	your	Date:	
Ву							(5	Signature)		
				D	ate				Date:	
Its _				D	aic		(5	Signature)		

INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

State of West Virginia



DATE:	August 1,	,	19 84
OPERAT	ORIS		

WELL NO .: MOORE #11

API NO: 47 - 021 State County Permi

State of Mest Mirginia

OFFICE OF OIL AND GAS DEPARTMENT OF MINES

<u>A F F I D A V I T</u>

RE	CE	INE	
777	AUG	6 1984	ال

OIL & GAS DIVISION
DEPT. OF MINES

	DEFT. OF WHITE
County of Gilmer	
D110 0	
	(the designated owner or operator,
or authorized representative thereof), a	
say that the undersigned is authorized by	
in the well permit application to which	
that (he, she, or it) shall tender to the	
not less than one-eighth of the total amo	
to the owner of the working interest at t	
extracted, produced, or marketed before	
aside for the owner of the oil or gas in extracted, produced, or marketed from the	
(1982).	werr. west virginia code 22-4-11(e)
(1302).	
Signed: Wonald Space	
Donald C. Supcoe, Designated Ag	ent
Taken, Subscribed, and sworn to before me	this and day of Churcust, 1984.
4.00	-
Notary: Odna Marie	affor
Edna Marie Huff	00
My Commission Expires: August 2, 1993	
ALICUST Z. 1993	



Eastern American Energy Corporation

P.O. Box N • Glenville, West Virginia 26351

(304) 462-5781

August 8, 1984

Mr. Ted Streit, Administrator Office of Oil & Gas W. Va. Department of Mines 1615 Washington St., East Charleston, WV 25311

> RE: J. MOORE #11 Well 177 Acres Glenville District Gilmer County, WV

Dear Mr. Streit:

As per requirements of West Virginia Code \$22-4-ln(b), enclosed you will find a copy of the RECEIPT FOR CERTIFIED MAIL for Mr. Gilbert Jones, owner of the tract upon which Eastern American Energy Corporation is to drill:

The receipt indicates that the above listed surface owner has received the following:

- 1) Form IV-2(A) Notice of Application for A Well Work Permit
- 2) Form IV-2(B) Application For A Well Work Permit (Blue Copy)
- Copy of the Well Plat, which indicates the location of the well on their property
- 4) A copy of Form IV-9 Construction and Reclamation Plan

Copies of the above listed forms are attached for your records.

Also enclosed is Check #101, in the amount of \$350.00, to cover the fee for permitting this well. As soon as the approved Form IV-9 - CONSTRUCTION AND RECLAMATION PLAN - for this well is returned to us, we will forward the original and a copy to your office.

If there are any questions, please let us know.

Sincerely

Donald C. Supcoe Regional Counsel

DCS:dm Enclosures DECEIVED

AUG 1 3 1984

CIL & GAS DIVISION
DEPT. OF MINES



Eastern American Energy Corporation

P.O. Box N . Glenville, West Virginia 26351

(304) 462-5781

August 8, 1984

Mr. Gilbert Jones P. O. Box 136 Sand Fork, WV 26351

> RE: J. MOORE #11 WELL 177 Acres Glenville District Gilmer County, WV

Dear Mr. Jones:

The records in the Courthouse of Gilmer County indicate that you are the owner of the above described surface tract. Eastern American Energy Corporation has acquired the leasing rights for the oil and gas underlying your tract and is in the process of preparing to commence drilling operations.

Enclosed you will find:

- (1) Form IV-2(A) Notice of Application For A Well Work Permit
- (2) Form IV-2(B) Application For A Well Work Permit (Surface Owner's Copy)
- (3) A copy of the well plat which indicates the location of the well on your property
- (4) A copy of Form IV-9 Construction and Reclamation Plan

Eastern American Energy Corporation expects to begin operations on this well in the near future. If you have no objections, please sign the enclosed Surface Owner's Copy of the Permit Application and forward to the State Department of Mines, at the address listed on the reverse side of the form.

If you have any questions or comments, please do not hesitate to contact me.

Sincerely.

Donald C.

Regional Counsel

DCS:dm Enclosures

OIL & GAS DIVISION

AUG 1 3 1984

DEPT. OF MINES

APPLICATION

,	-	
Permit	No.	47-021-4234

5' (6'	WV	General	NPDES	Permit	for	0i1 &	Ga:
Co		Drillin	g Pit	Waste	Disch	harge	

API	PLICATION (To be completed by company)
1.	Company Name Eastern American Energy Corporation Mailing Address P. O. Box N, Glenville, West Virginia 26351 Telephone (304)462-5781 Well Name Moore #11
2.	
3.	Treatment and method of pit disposal most likely to be utilized (method not necessarily restricted to this): Land Application
4.	Name of person supervising discharge: Joseph D. Scur Telephone (304)472-6100 Date Approved 3-12-85
5.	By completing and submitting this application I agree to adhere to the guidance and provisions of the interim experimental general permit system. I understand that participation in the program does not prohibit enforcement action for violation of the terms of this general permit or some other applicable law or regulation
	Signature 3-12-15 Date
TOM	IFICATION (To be completed by DWR)
1.	Initial company contact: (Approximately 7 days prior to discharge.)
	Proposed discharge date / May 85 Type of disposal method selected Volume of waste Discharge rate Time projected for discharge Receiving stream flow rate OIL & GAS DIVISION CFS
	Objection No Objection DEPT. OF MINES
2.	Final company contact: (48 hours required notice) Date 8 may 85 Individual Succe Convet Final discharge date 11 may 85
	Objection No Objection
INS	PECTION (To be completed by DWR)
	208 Practices - Acceptable Not Acceptable Comments: Size wext to Lynch run partially in a Catail wetland
2.	Compliance with general permit interim guidelines: Acceptable Not Acceptable Comments:
3.	Division of Water Resources Action Taken: None
	Action Recommend: Nowe
4.	Parameters (Prior to discharge (if any) at discharge): pH



IV-35 (Rev 8-81)

OCT 2 9 1984

OIL & GAS DIVISION

DEPT. OF MINES

Bepartment of Mines

Bil und Cas Bivision

Date September 14, 1984 State of Mest Hirginia Well No. J. MOORE #11 Jacob Moore API No. 47 - 021

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil / Gas X / Liquid Injecti (If "Gas," Production X / Undergra	on/ Wast	re Disposa ge/ Dee	1/ p/ Sha	allow_x_/)
IOCATION: Elevation: 863' Watershed				_
District: Glenville County Gi	lmer.	Quadrangl	e Glenvi	lle 7.5'
COMPANY Eastern American Energy Corporation				
ADDRESS P.O. Box N, Glenville, WV 26351	Ta .		7 - 54	Cement
DESIGNATED AGENT Donald C. Supcoe	Casing	Used in	Left	fill up
ADDRESS P.O. Box N, Glenville, WW 26351	Tubing	Drilling	in well	Cu. ft.
SURFACE OWNER Gilbert Jones, et al	Size 20-16			
ADDRESS Glenville, W 26351	Cond.			
MINERAL RIGHTS OWNER	13-10"			
ADDRESS	9 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK	8 5/8	422	422	Surface
Rt. 1, Box 65 Deo Mace ADDRESS Sand Ridge, W 25274	7			
PERMIT ISSUED 8/20/84	5 1/2			
DRILLING COMMENCED 8/24/84	4 1/2	5092	5092	724 ³ /Ft.
DRILLING COMPLETED 8/30/84	3			0
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2			F
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners			4
REWORKING. VERBAL PERMISSION OBTAINED ON	used			*
		D		
GEOLOGICAL TARGET FORMATION Elk	- ·		h 5200	
Depth of completed well 5132 feet			1001s	•
Water strata depth: Fresh 98' feet;				
Coal seam depths: None	Is coal	being mine	a in the	area? No
OPEN FLOW DATA				
Producing formation Elk, Benson Co-mingle	ed Pay	zone dept	h 4395 -	4985 feet
Gas: Initial open flow 15,000 Mcf/d	Oil: Ini	tial open	flow N	/A Bbl/d
Final open flow 353,000 Mcf/d	Fin	al open fl	ow_ N/	A Bbl/d
Time of open flow between init	ial and fin	nal tests	4 hou	irs .
Static rock pressure 1240 psig(surface	e measurem	ent) after	73/08/2	ns shut in
(If applicable due to multiple completion			12/00/2	020
Second producing formation	Pay	zone dept	h	feet
Gas: Initial open flow Mcf/d	Oil: Ini	tial open.	flow	Bbl/d
Final open flow Mcf/d	Oil: Fina	al open fl	OW	Bbl/d
Time of open flow between init	ial and fir	nal tests_	hou	ırs
Static rock pressurepsig(surface	measuremen	nt) after	hour	s shut in

DRM IV-35 PEVERSE)

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

1st Stage ·

Perforate with 11 - 0.41" holes from 4728' to 4985'.
Frac with 30,000 lbs. of 20/40 sand.

2nd Stage

Perforate with 8 - 0.41" holes from 4395' to 4399'.
Frac with 50,000 lbs. of 20/40 sand.

WELL LOG

ATION COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all finance and salt water, coal, oil and	est
Sand & Shall Redrock & S Sand, Shale Shale Big Injun Weir Shale Bayard Shale Benson Shale Elk Shale	hale .	0 45 118 1500 1574 1636 1748 1920 2509 2518 4383 4410 4717 4831 5132	45 118 1500 1574 1636 1748 1920 2509 2518 4383 4410 4717 4831 5132	Top of E log @ 1500'	
	-: -:				
1 					

(Attach separate sheets as necessary)

· EA	ASTERN AMERICAN ENE	CORPORATION	12/08/2023	
Wel	1 Operator		12/00/2023	
By:	From E	Wice Vice	President	
Date:	9-18-84			

te: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detoiled geological record of all formations, including

STATE OF WEST VIRGINIA

THE PROPERTY OF STREET

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT OF MINES

ompany Castern Omerican	CASING AND TUBING	USED IN DRILLING	LEFT IN	PAC	KERS
ddress	Size				
irm Moore	16		en new visit diffe	Kind of Pa	cker
ell No.	13				
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trict Glewelle County Filmer	81/4			-	
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ling completedTotal depth	5 3/16		and an deep the f		A - Kerting of Strategy of
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2 Wales ab 18					

8-27.84

Der M219812023

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY	Jean		ADDRESS			grant and the same
FARM	The state of the second	DISTRICT	A Property of the Control of the Con	COUNTY	- 1	
Filling Material Used	10 (1930 - 19) (19 20 (1937 - 19) (19	1 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			as a contract of the second	
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PLUGS USE	AND DEPTH PLACED		BRIDGES			
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rillers' Names			RECORDER SECTION			~, sf. 1
Titlets Names					ES 2880	
emarks:					e per de per de F	
						46 11 41
The second of th						
			was a market present			
DATE	I hereby certify I v	isited the above	well on this date.			
_						

DRILLING PIT WASTE DISCHARGE FINAL REPORT

Well Name: MOORE #11 Permit No.: 47-021-4234 County: Gilmer Date: 6-13-85
The proper and required NPDES permit application was filed on3-12-85
The pit was treated on $5-2-85$, by chemical means, as percurrent interim guidelines promulgated by the State of West Virginia Department of Natural Resources.
The pit was allowed to settle before discharging.
The pit was visited and field analyses performed on5-10-85
The proper and required 48 hours notification of discharge was given to the appropriate Department of Natural Resources, Division of Water Resources District Office.
The pit was discharged by land discharge on Approximately
The pit was discharged at a rate of N/A gpm. The nearest stream was flowing at an approximate rate of N/A gpm on N/A . Approximately N/A barrels were discharged.
The pit was discharged by stream discharge only at a rate of $\frac{N/A}{N/A}$, which was flowing at an approximate rate of $\frac{N/A}{N/A}$ on $\frac{N/A}{N/A}$. Approximately $\frac{N/A}{N/A}$ barrels were discharged.
During the course of discharge, a representative sample was taken by Eastern American Energy Corporation personnel and immediately submitted to Reliance Laboratories Inc. for appropriate analyses.
The resulting laboratory analyses were found to be below maximum limits as set forth by the State of West Virginia Department of Natural Resources, Division of Water Resources Phase II interim guidelines for oil and gas well operations, Section 2, item 3 effluent limitations.

(LAND)

LAND & STREAM)

STREAM)

GilmenCo. -021-

RELIANCE LABORATORIES, INC.

Benedum Industrial Park P.O. BOX 625 BRIDGEPORT, WV 26330

TEL: 304-842-5285

Approva

ANALYTICAL REPORT

Sample Identification and Origin-

EASTERN AMERICAN ENERGY

Date Sampled- May 16, 1985--9:00 a.m.

Sampled By-

Laboratory No. - W-20938-85

Date Sample Received-

Date Sample Analyzed-

May 24, 1985--2:30 p.m. May 24, 1985--3:00 p.m.

Sample Description

Moore #11

Moore #1			
Aluminum	mg/L	Total Acidity	mg/L
Antimony	mg/L	Mineral Acidity	mg/L
Arsenic	mg/L	Total Hot Acidity	mg/L
Barium	mg/L	Total Alkalinity	mg/L
Beryllium	mg/L	Chloride (C1) 2492	mg/L
Boron	mg/L	Chlorine (Cl ₂)	mg/L
Cadmium	mg/L	Nitrogen (As:	mg/L
Calcium	mg/L	Dissolved Oxygen	mg/L
Chromium	mg/L		87
Cobalt	mg/L	Phosphorus (As:)	mg/L
Copper Less Than 0.09	mg/L	Sulfur (As:	mg/L
Iron 0.77	mg/L	Fluoride	mg/L
Lead Less Than 0.50	mg/L	Carbonate Alkalinity	mg/L
Magnesium	mg/L	Bicarbonate Alkalinity	mg/L
Manganese	mg/L	Free Carbon Dioxide	mg/L
Mercury 0.15	mg/L		
Molybdenum	mg/L		
Nickel	mg/L	Specific Conductivity 3400	#mhos/cm
Potassium	mg/L	Threshold Odor	
Selenium	mg/L	Total Solids (T.S.)	mg/L
Silicon	mg/L	Suspended Solids (T.S.S.)	mg/L
Silver	mg/L	Dissolved Solids (T.D.S.)	mg/L
Sodium	mg/L	Salinity	-
Thallium	mg/L	Specific Gravity	
Tin	mg/L	Turbidity (NTU)	
Titanium	mg/L	Color (PCU)	
Vanadium	mg/L		
Zinc	mg/L		
Total Hardness	mg/L		
Total Organic Carbon 102.8	mg/l	BODs	mg/L
		COD	mg/L
		Oil & Grease	mg/L
		Pheno1	mg/L
		Surfactant (MBAS)	mg/L
		Total Hydrocarbon	mg/L
	ies/100ml		
Fecal Coliform coloni	ies/100m1		
Standard Plate Count cold	nies/lml		· ma

Remarks:



State of West Birginia

Bepartment of Mines Gil and Gas Division Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

DEPARTMENT OF ENERGY OIL AND GAS

MAY 2 9 1986

(8-20-84)

	November 13			
COMPANY	Eastern American Energy Corp.	PERMIT NO	021-423	4
P. O.	Box N	FARM & WELI	NO Gilbert	
Glenvi	lle, West Virginia 26351	DIST. & COU	J. Mo INTY Glenvil	oore #11 le/Gilmer
			IN COMPLIA	
RULE	DESCRIPTION		YES	NO
23.06	Notification Prior to Starting Wor	rk		
25.04	Prepared before Drilling to Preven	nt Waste		
25.03	High-Pressure Drilling	it habte		
16.01	Required Permits at Wellsite			
15.03	Adequate Fresh Water Casing			
15.02	Adequate Coal Casing			
15.01	Adequate Production Casing			
15.04	Adequate Cement Strenght			
15.05	Cement Type		the same terminal and the same process.	
23.02	Maintained Access Roads	,		-
25.01	Necessary Equipment to Prevent Was	ste		
23.04	Reclaimed Drilling Pits			
23.05	No Surface or Underground Pollution	n .		
23.07	Requirements for Production & Gath	ering Pipelines		
16.01	Well Records on Site			
16.02	Well Records Filed			
7.05	Identification Markings			
I HAVE I	NSPECTED THE ABOVE CAPTIONED WELL A	ND RECOMMEND THA	T IT BE RELE	EASED:
			2 0	10
		SIGNED GO	ig Duck	Worth
		DATE 5	121/86	
with Cha	l record was received and reclamation pter 22, Article 4, Section 2, the for the life of the well.	above well will a	remain under	bond
		Administrato	or-Oil & Gas	Division
		.11	ine 5, 1986	

DATE

Atourall and

12/08/2023

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—

NOT FOR INTERNATIONAL MAIL

Sent to

Serverse

Secret and No.

P.O., State and ZIP Code

Special Delivery Fee

Restricted Delivery Fee

Return Receipt Showing

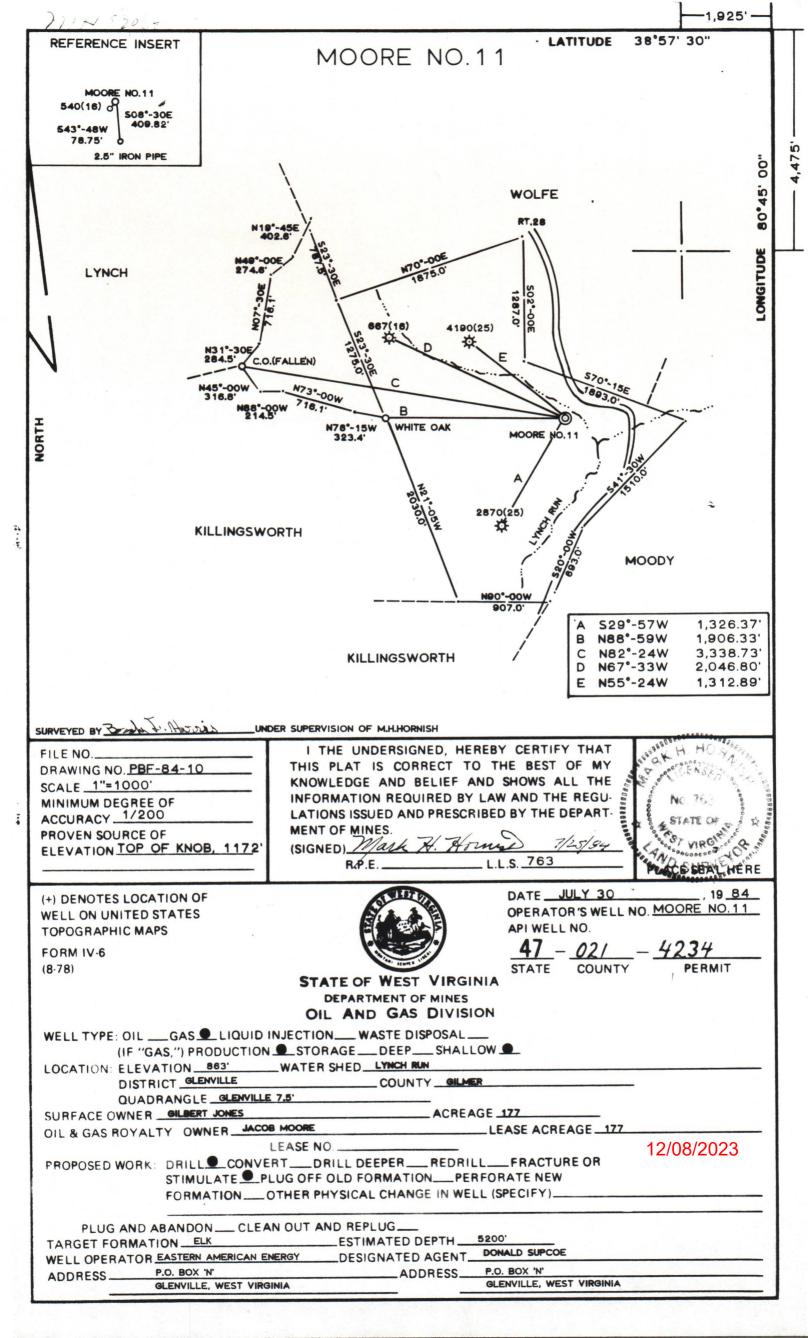
to whom and Date Delivered

TO ADDOST AND FOR Servery

TO ADDOST AND F

 SENDER: Complete Items 1, 2, 3, Add your address in the space on reversa. 	REIDANIO
CONSULT POSTMASTER	FOR FEES)
1. The following service is requested (chec	ck one).
Show to whom and date delivered	
Show to whom, date, and address of	delivery
RESTRICTED DELIVERY (The restricted dislowery fee is charged in to the roturn receipt fee.)	addition
J. MOORE #11	TOTAL \$
3. ARTICLE ADDRESSED TO:	
Mr. Gilbert Jones	
Glenville, WV	26351
4. TYPE OF SERVICE:	ARTICLE NUMBER
REGISTERED DINSURED	
SCERTIFIED □ COD	₽ 392-536-91
DEXPRESS MAIL	
(Always obtain signature of ad	
I have received the article described abov	e. urthorized agent
SIGNATURE DAddressee DA	Tilluorizao agera
Di OD OF WEST	sill
5. DATE OF DELIVERY	POSTMARK (may be on reverse side
AUG 8 198	4
6. ADDRESSEE'S ADDRESS (Only II reques	900
6. ADDRESSEE & ADDRESS (UN) 1 TAGE	
	and the second of the second of the second
7. UNABLE TO DELIVER BECAUSE:	72 EMPLOYEE'S
	100

DEPT. OF MINES



1) Date: August 1,

2) Coerator's

Well No. J. MOORE #11

3) API Well No. 47 - 021-423 State County

STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & CAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

) SU	RFACE OWNE	ER(S) OF RECORD TO BE SERVED	5(i)	COAL OPERATOR	None
(i)	Name	Gilbert Jones		Address	
	Address_	Glenville, WV 26351	5(ii)	COAL OWNER(S)	WITH DECLARATION ON : None
(ii)	Name Address			Address	
iii)	Name Address			Name Address	
	_		5(iii)	COAL LESSEE WI'Name	TH DECLARATION ON REC None
				Address	

TO THE FERSON(S) NAMED ABOVE: You should have received this Form and the following comments:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
 (3) The Construction and Reclamation Plan on Form IV-9)unless the well work is only to
- plug a well), which sets out the plan for erosion and sediment control and for reclaration for the site and access road.

THE FEASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGAPDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

theck and provide one of the following:

☐ Included is the lease or leases or other continuing contract or contracts by

I hold the right to extract oil or gas.

KKThe requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.) AUG 7) POYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or leady & GAS DIVISION or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently believed. OF MINES

to the volume of oil or gas so extracted, produced or marketed? (Yes) No If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning

the required copies of the Notice and Application, plat, and Construction and Reclaration Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by Donald C. Supcoe 1984 this adday of Chumst

My commission expires

Notary Public, Gilmer

OPERATOR

WELL

AMERICAN ENERGY CORPORATION

Designated Agent Its Address P. O. Box N

Glenville, WV Telephone (304) 462-5781

12/08/2023

26351

Colorty,

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
 - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
 - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
 - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
 - 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-l2b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-Ba from the owner of any water well on cwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-lm, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11 (d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the cath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that—

- the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclaration Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Crantor, lessor, etc.	Grantee, lessee, etc.	Rovalty	Book Page	
Jacob Moore, etal	Pittsburgh & WW Gas Co.	Fixed	131/87	
Pittsburgh & WV Gas Co.	Equitable Gas Company	Assigned	174/465	
Equitable Gas Co.	Eastern American Energy Corporation	Assigned	295/701	

IV-9 (Rev 8-81)

Recd, (WFSCD) AUG 2 1984



DATE		July	27,]	984	
WELL	NO.	M	100RI	Ξ	#11	

State of Mest Mirginia API NO. Bepartment of Mines

Gil und Gas Bivision

47 - 021 -

CONSTRUCTION AND RECLAMATION PLAN

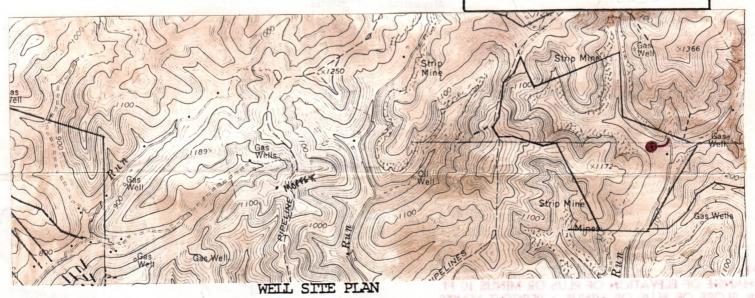
· Eastern American	
如 是这一个 ,我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	DESIGNATED AGENT Donald C. Supcoe
Address P. O. Box N. Glenville, WV 26351	Address P. O. Box N, Glenville, WV 26351
Telephone (304) 462-5781	Telephone (304) 462-5781
LANDOWNER Gilbert Jones	SOIL CONS, DISTRICT West Fork
Revegetation to be carried out by	(Agent)
This plan has been reviewed by	t Jok SOD. All corrections PT
and additions become a part of this plan:	8 14/84 DEGET VE
S DEVIEW IS MADE FOR SITE AS SHOWN A	methe Snight AUG 2 0 1984
S REVIEW IS MADE FOR SITE AS SHOWN. A ANGE OF ELEVATION OF PLUS OR MINUS 10 FT.	
S PLAN NOT ACCEPTABLE TO WESCD,	OIL & GAS DIVISION
ALLES RUAD	LOCATION DEPT. OF MANAGED
(according to Oil & Gas Manual (at natural drai	Structure Diversion Ditches (1)
Spacing 15" Diameter (minimum) (as needed)	Material Earthen
Page Ref. Manual 2/7	Page Ref. Manual 2/12
Duning man Ditch	
Structure Drainage Ditch (B)	Structure Drilling Pit (2)
spacing Earthen (Inside road cuts)	Material Soil
Page Ref. Manual 2/12	Page Ref. Manual N/A
Structure Cross Drains (C)	Structure Drainage Ditch (3)
2-3% 200-250! apart 15%-60! apart	
Spacing 10-12% 70' apart 20%-45' apart	Material Earthen
Page Ref. Manual 2"/4 "	Page Ref. Manual 2/12
All structures should be inspected regular	ly and repaired if necessary. All
commercial timber is to be cut and stacked a cut and removed from the site before dirt wo	rk begins.
Structure Sediment Barrier (D)	Structure filter strip
Material Hay of Straw bates Par Ref. Man. 2-16 REVERENTATI	MATO I IGI
Treatment Area I	Treatment Area II
Lime * Tons/acre	Lime * Tons/acre
or correct to pH 6.5	or correct to pH 6.5
Fertilizer 500 lbs/acre (10-20-20 or equivalent)	Fertilizer 500 lbs/acre (10-20-20 or equivalent)
Mulch Hay 2 Tons/acre	Mulch Hay 2 Tons/acre
Seed* Pasture Mix lbs/acre	Seed* Pasture Mix lbs/acre
Ky 31 Fescue 35 lbs/acre	Ky 31 Fescue 35 lbs/acre
Ladino Clover 5 lbs/acre	Ladino Clover 5 lbs/acre
*Inoculate all legumes such as vetch, trefoi Inoculate with 3X recommended amount.	l and clovers with the proper bacterium.
. 1	Brooks F. Harris
	EFFARED BY Eastern American Energy Corporation 12/08/2023
NOTES: Please request landowners' ecoperation to protect new	ADDRESS P. O. Box N
seedling for one growing season. Attach separate sheets as	Glenville, WV 26351
	PHONE NO. (304) 462-5781

FHONE NO. (304) 462-5781

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Glenville 7.5'

Well Site Access Road ———



ketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

