FILE COPY



1)	Date:	ecemb	per	6	, 19_83
2)	Operator's Well No	A-141	+3	(Norve	LI) LIANOR
3)	API Well No	. 47	-	083 - 0	862
		State		County	Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION ARRIVOATION FOR A WELL WORK DEPART

					<u>A</u>	PPLICA	ATION FOR A WEI	L WORK PERMIT	•	
4)	WELL TY	PE: A C	oilav o	/ G	as	X /	NVV A RD 9WO	ITIGMOS OM	NOTEL CATIONS.	DIA TIKAWU
",	"LLL II						[2007] HE HOUSE SENSE SENSE HE SENSE HE HOUSE H			_/ Shallow <u>X</u> /)
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6)	WELL OP									. Wheeler
,	Address			ox 174				Address	P. O. Box	
				urg, W						, WV 26301
8)	OIL & GA							9) DRILLING CO		, w 2001
	Name									lling, Inc.
	Address			Delive				Address		
				, WV					Clarksburg.	
10)	PROPOSE						ll deeper	/ Redrill		/
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11)	GEOLOGI	CAL TAR	GET FOR						Francis Control	
	12) Estima							The state of		JAN 6 - 1984
	13) Appro	ximate tra	a depths:	Fresh.	18	and			feet.	
								al being mined in the		OIL & GAS DIVISIO
	CASING A									DEPT. OF MIN
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	nediate	0)/(2011	Λ	7. 7. 3	110 250	110.30	Cement to St	Isizeace /VEA/
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						The second				
		532.13						Alati	No. of the Control of	
		- 39			(c)no i	looqën.	OFFICE USE O	NII V		Application received
							DRILLING PE			1 (A)
							DRILLING FE	KIVIII		Well work started
Perm	it number_	47-(083-08	62					January 2	23, 1984
									Date	
This	permit cove	ring the w	ell operate	or and well	location	on show	n below is evidence of	of permission grante	d to drill in accordance	ce with the pertinent legal re-
luire	Drior to the	ct to the co	onditions	contained	herein a	ind on th	ne reverse hereof. No	tification must be gi	ven to the District Oil	and Gas Inspector, (Refer to tractor shall notify the proper
listri	ct oil and ga	as inspecto	r 24 hour	s before ac	tual pe	rmitted	work has commenced	l.)	operator or his cont	tractor snall notify the proper
									any modifications or	nd conditions specified on the
evers	se hereof.				c and A	ррпсан	on, plat, and reciama	tion plan, subject to	any mounications ar	id conditions specified on the
erm	it expires _	Jani	uary 23	3, 1986			unless well	work is commenced	prior to that date and	prosecuted with due diligence.
										AMONT SOUGHT GUOTA
Ro	nd n	Agen	11	Plat:	Casin	,	Fac			NEW TO SELL MINERS
E	Id: BON	Agen		20//	Casin	8	Fee			
		X1) Y	IMI	nt	1 2	5224		770	Reasons
							4	11	461	torone G
								Admi	nistrator, Office of Of	il and Gas

File

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

FORM	IV-2(B)
Daviarca	

FILE COPY



FIRECOPY



STATE OF WEST YIRODALA

				AND PRESENTED				
PERMIT MOD	DIFICATIONS		TIONS (IF ANY					KT KIBW
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L. Wassler	AGENT D.S	DESIGNATED		·············	co, Inc			
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		OFFI	CE USE ONLY					St.
	is to record the	e dates of certa	in occurrences a	nd any follo	ow-up ins	pections.		
This part of Form IV-2(b)	is to record th							
This part of Form IV-2(b)		Date				<u> </u>	Date(s)
This part of Form IV-2(b) Application received			Follow-iii	p inspection	(s)	<u> </u>	Date(s)
		Y.JY	10 aru adpiac	p inspection	(s)		Date((s)
Application received		Y.JY	Follow-u		(s)	<u> </u>	7 (2) 7 (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	(s)
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See the reverse side of the APPLICANT'S COPY for instructions forms well operator.

NOTE. Neep one copy of this permit posted at the drilling locations



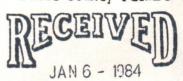


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12/28/83 Date Well No. A-1443

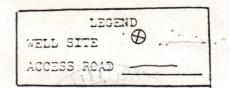
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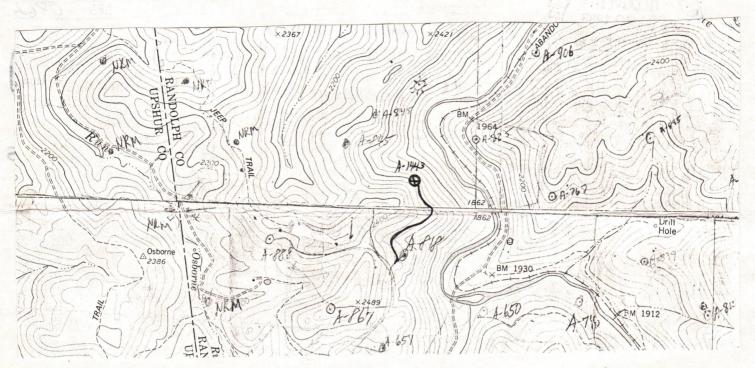
State County Permit



		CONSTRUCTION	AND RECLAMA	TICN F	N.F. T.	011 8 0	SAS DIVISION
Company Name	ALAMCO		Design	atal A	Agent Dani	DEPI.	OF MINES
	P. O. Box 1740				P. O. Box 1		
Maaress	Clarksburg, West			_	Clarksburg,		inia
Telephone	623-6671		Teleph	AND DESCRIPTION OF THE PARTY OF	623-6671		A THE RESIDENCE OF THE PARTY OF
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Revegetation	to be carried o	ut by ALA	MCO				(Agent)
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and addition	s become a part	of this plan.	1-31-9	3 4	ellular	/ Viane	1
			(Date)			(SCD Agent	t)
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	ect to pH 6.5	20.0, 0000			rect to pH	6.5	
OTA BILLIAN	ALL CLASS STORY						
Fertilizer	600	lbs/acre	Fert	ilizer	600		lbs/acre
	10-20-20 or equi				(10-20-20	or equiva	lent)
Mulch Str		2 Tons/acre		h Stra			2 Tons/acre
	FESCUE	40 lbs/acre	Seed	* TALL			40 lbs/acre
BIRD:	SFOOT TREFOIL	ID lbs/acre				FOIL	10 lbs/acre
Domi	estic Ryegrass	10 lbs/acre	The second secon	DOM	ESTIC RYEGG	KASS	10 lbs/acre
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	sparate sheets a	S					
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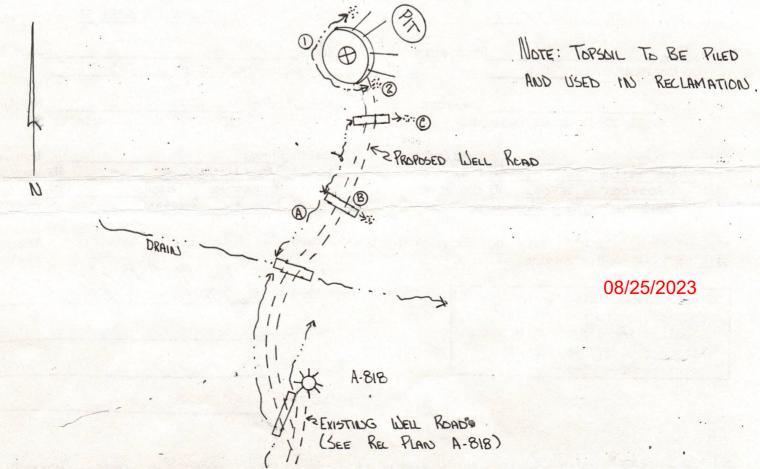
Attach or photocopy section of involved topographic map Guadrangle ELLAMBRE 7.5 MIN.





Sketch 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.

Slope of access road _______ % -- Cuts to be on a 2:1 slope or less. Access road subject to change by company or landowner. All ditches and culverts will be maintained after construction is completed. If revision is made, revised plan will be submitted.



per .	
FORM IV-2(A)	
Obverse .	
[8-83]	

State of

Date:	December	6	,19	83	
Operat	or's				

1) 2)

A-1443 (Norvell Hrs.) Well No.

3) API Well No. 47 - 083 - 0862 State County Permit

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

		NOTICE OF APPLICATION FOR A WELL WORK PERMIT	
) SUI	RFACE OWN	R(S) OF RECORD TO BE SERVED 5(i) COAL OPERATOR	
(i)	Name	ohn W. Norvell Address	
	Address	P. 0. Box 336	
		St. Albans, WV 25177 5(ii) COAL OWNER(S) WITH DECLARATION ON RE	COL
(ii)	Name -	oody Lumber Co. Name James Joseph LaRosa	201
()			
	muress_	Of the state of th	
1111	Name -	uckhannon, WV 26201 Clarksburg, WV 26301	
/	Address	Address	
	ALLIESS	· material	
	_	5(iii) COM TESSEE MININ DESTABATION ON PRO-	
		5(iii) COAL LESSEE WITH DECLARATION ON RECO)RD:
		Address	`
		TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:	
		(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 N/-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	
		reclamation for the site and access road.	
		THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING 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 op-	
		erator proposes to file or has filed this Notice and application and accompanying de-	
		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.	101
		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 database.	
		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. JAN 6 - 1984	
		6) EXTRACTION RIGHTS	
		Check and provide one of the following: OIL & GAS DIVISION	d
		Included is the lease or leases or other continuing contract or contracts by which	
		I hold the right to extract oil or gas. The requirement of Code 22-4-1-(c)(1) through (4). (See reverse side for specifics.)	ES
		And the state of the state of specifics.)	
		7) ROYALTY PROVISIONS	
		Is the right to extract, produce or market the oil or gas based upon a lease or leases 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 related to the volume of oil or gas so extracted, produced or marketed? XXXX 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 represe side for line in-	
		See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.	
The	truth of	the information on the WEIL	
		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		offication is verified OPERATOR ALAMCO INC.	
		als of the Wall Congression	
		alf of the Well Operator By Vice President	

County,

West Virginia

08/25/2023

26301

Address P. O. Drawer 1740 Clarksburg, WV Telephone 304-623-6671

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 § 22-4-12b 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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
G. H. Norvell & Helen Norvell	Allegheny Land & Mineral Co.	1/8	278 523

	1 400 101	. 310
	RECEIPT OR CET FI	ROVIDED-
	NOT FOR INTERNATIONAL	
	James Joseph RaRosa	1
	120 Buckhannon Pike	
	Clarksburg, West Vi	rginia
DECEIVED	LAMCO, INC.	
10006	00 W. Main Street	0.
JAN 6 - 1984 D	Postage Box 1740	\$00
OIL & GAS DIVISION	Clarksburg, WV 26	302
DEPT. OF MINES	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to whom and Date Delivered	
2	Return Receipt Showing to whom, Date, and Address of Delivery	
b. 198	TOTAL Postage and E	\$
PS Form 3800, Feb. 1982	Postmark on the land on the la	
CONTRACTOR OF THE PERSONS		1

(See Reverse) oody, Lumber Company oyal Route 4, Box 2	212
uckhamnon, West Vir	ginia
LAMCQnd N Code	
Po Box 1740	\$
larksburg, WV 263	302
Special Delivery Fee	To the state of
Restricted Delivery Fee	-
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	Thorn S. S.

A.	P 406 781	EPT. 979 ED PAIL
	NOT FOR INTERNATIONAL	MAIL
	John W. Norvelle,	
	St. Albans, West V	irginia
_	Street and No	- 5
A	LAMCO, INC.	
2	00 W. Main Street	
P	PQ Box 1740	\$
C	Carksburg, WV 263	302
	Special Delivery Fee	2 . 6 .
	Restricted Delivery Fee	
	Return Receipt Showing to whom and Date Delivered	
	Return Receipt Showing to whom,	
382	Date, and Address of Delivery	
b. 19	TOTAL Postage and Fees	\$
PS Form 3800, Feb. 1982	Postmark or Date	

(INVIEDENT

OIL & GAS DIVISION DEPT. OF MINES





STATE OF WEST VIRGINIA

Date Operator's Well No. A-1443 Farm Norvell
API No. 47 - 083 - 0862

__ hours shut-in

(continue on reverse side)

OIL & GAS DIVISION DEPARTMENT OF MINES OIL and GAS DIVISION

WELL OPERATOR'S REPORT OF
RING AND OR STIMILATING. OR PHYSICAL CHANGE

DRILLING,	FRACTURING	AND/OR	STIMOTHITIME,	UK	PHIDICAL CHAR	

OCATION: Elevation: 2190'	Water	shed Mid	dle Fork	River
District: Roaring Creek Count	y: Randol	.ph Qua	drangle:_	Ellamore 7.5'
OMPANY ALAMCO, INC				eten a tra
200 West Main Street ADDRESS Clarksburg, West Virginia 26301	Casing &	Used in		Cement fill up
ESIGNATED AGENT ALAMCO, INC	Tubing	Drilling	in Well	Cu. Ft.
200 West Main Street ADDRESS Clarksburg, West Virginia 26301	Size 20-16 Cond.			
SURFACE OWNER G.H. Norvell, et ux, et al	11-3/4"	23'	Pulled	
ADDRESS St. Albans, WV 25117	9 5/8"			
MINERAL RIGHTS OWNER G.H.Norvell, et ux, et al	8 5/8"	764'	764'	to surface
ADDRESS St. Albans, WV 25117	7"			
OIL AND GAS INSPECTOR FOR THIS WORK Phil	5 1/2"			
Tracy ADDRESS Ellamore, Wv 26267	4 1/2"	4763'	4763'	w/80 sks 4300'
PERMIT ISSUED January 23, 1984	3			
DRILLING COMMENCED March 12, 1984	2			
DRILLING COMPLETEDMarch 21, 1984				
IF APPLICABLE: PIUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Elk		DEPTH	500	0 FEE
Depth of completed well 4969	feet Rotar	y_x/		Tools
Water Strata depth: Fresh 140, 360		Ts coal bei		in this area?N
		is coar ser	ing milita	
OPEN FLOW DATA Producing formation Elk		Pay zone	depth S	See back fe
Gas: Initial open flow 10 Mcf/d				
Final open flow 852 Mcf/d		Final open	flow	BDI
Time of open flow between i Static rock pressure 1100 psig (surface	measuremer	nt after	21 hc	ours shut-in
STOLIG LOVE DIESSUIE LIVU DOLU I DULLACT				
	n1			
(If applicable due to multiple completion		Pay zo	ne dpeth	08/25/2023 ^{fee}
				08/25/2023 ^{fee}

Static rock pressure ____psig (surface measurement) after ___

FORM IV-35 (REVERSE)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE ETC. OIL & GAS DIVISION

Well was fractured March 29, 1984

Perforations: 4647 - 4653 4656 - 4662 lst Elk

WELL LOG

TOP FEET	BOTIOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
0 10 267 270 469 482 558 575 629 700 786 911 1006 1098 1103 1202	10 267 270 469 482 558 575 629 700 786 911 1006 1098 1103 1202 4969 T.D.	1/4" stream water @ 140' 1/4" stream water @ 360' Damp @ 936' Gas check @ 1317' No show Gas check @ 1693' No show Gas check @ 2352' No show Gas check @ 2696' No show Gas check @ 3480' No show Gas check @ 4162' No show Gas check @ 4504' No show Gas check @ 4667' 10 MCF/D Gas check @ 4755' 10 MCF/D GAMMA RAY IOG TOPS Gantz 1330' 4th Sand 1617' 5th Sand 1734' Speechley 1944' Balltown 2254' Bradford 2880' Riley 3246' Benson 3450' Alexander 3700' 1st Elk 4630' 2nd Elk 4706' 3rd Elk 4802'
	0 10 267 270 469 482 558 575 629 700 786 911 1006 1098 1103	0 10 10 267 267 270 270 469 469 482 482 558 558 575 575 629 629 700 700 786 786 911 911 1006 1006 1098 1098 1103 1103 1202

(Attach separate sheets as necessary)

ALAMCO, INC

Well Operator

Vice President Oil & Gas Operations

Date: April 19, 1984

08/25/2023

Regulation 2.02 (i) provides as follows
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well." Note:



State of West Virginia Department of Mines Gil and Gas Division Charleston 25305



OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT May 1, 1984

	May	1, 1904		
COMPANY	Alamco, Inc.		PERMIT NO	083-0862
P. O.	Drawer 1740		FARM & WELL	NO G. H. Norvell #A-1443
Clarks	sburg, West Virginia 26301		DIST. & COUN	TY Roaring Creek/Randolph
				IN COMPLIANCE
RULE	DESCRIPTION			YES NO
23.06 25.04 25.03 16.01 15.03 15.02 15.01 15.04 15.05 23.02 25.01 23.04 23.05 23.07 16.01 16.02	Notification Prior to Start: Prepared before Drilling to High-Pressure Drilling Required Permits at Wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Production Casing Adequate Cement Strength Cement Type Maintained Access Roads Necessary Equipment to Prevent Reclaimed Drilling Pits No Surface or Underground Permits Requirements for Production Well Records on Site Well Records Filed	Prevent Wase ent Waste		
7.05	Identification Markings		-	
I HAVE I	NSPECTED THE ABOVE CAPTIONED	WELL AND R	ECOMMEND THAT	IT BE RELEASED:
			SIGNED	My Trocy
			DATE //	1-20-84
with Cha	ll record was received and reapter 22, Article 4, Section of the life of the well.	clamation r 2, the abov	Administrato	or-Oil & Gas Division 11, 1985
			I	DATE

