FORM	IV-2(B
(Obvers	se)
7-83	

FILE COPY



1)	Date:	March	13	, 19	84
2)	Operator's Well No.	#31	9,314	18/2(81	FORM

Permit

File

7			State		-	0111	ate:	
3)	API	Well No.	47	-	033	-	3072	
	Well	No						

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

4) WELL TY	PE: A O	invi as	20/ Ga		Х /	ONS UF ANY	ITICIAĈO GA	± DUNCATIONS A	PERMITM
			Production		X		storage		_/ Shallow X/)
5) LOCATIO		vation: _	072			Watershed: _	Limestone I	Run Mu	120A
		trict:	Coal			County:	Harrison	Ouadrangle: V	Volf Summit-7½
6) WELL OF						t Corp.	7) DESIGNATE	DAGENT Michae	el L. Edwards
Addres	s P. (	Box	26, 1	03 E	ast M	ain St.	Address	P. O. Box 26	, 103 East Main St.
	Bric	dgepor	t, WV	26	330			Bridgeport, V	VV 26330
8) OIL & GA				FIED			9) DRILLING (	CONTRACTOR:	
Name	Stephe			<u> </u>			Name		
Addres		Lew,	x 232-	2637	8		Address		II) F CELV F
10) PROPOSI	ED WELL V		Drill	X	_/ Dril	l deeper	/ Redrill	/ Stimulate	
10) PROPOSI	ED WELL	WORK.			formatio		rate new formation		AUG - 7 1984
						in well (specify)			
11) GEOLOG	ICAL TAR	GET FOR	MATION		Bens				OIL & GAS DIVISIO
12) Estim	ated depth o	of complet	ed well,		5000	0	700		DEPT. OF MIN
	oximate trata				35;50 70;54	0		teet.	
	oximate coal				70,54	Is co	oal being mined in th	ne area? Yes	/ No/
15) CASING	AND TUBI								
CASING OR TUBING TYPE		SPEC	IFICATIONS Weight				INTERVALS	OR SACKS	PACKERS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
Conductor	11-3/4	H-40	42#	X		40 '	40	Cement to s	SUI IXIndisCe
Fresh water Coal									
Intermediate	8-5/8	J-55	20#	X		700'	700'	Cement to s	Sizes by out 16
Production	4-1/2		10.5#	X	1000	5000'	5000'	400 sks.	Depths set
Tubing			200311			S USE ONLY	DISTO	100 01101	
Liners									Perforations:
		2001100	sai dir	vollo	VOR B	18 2300917U050	nistran la certain	ell binger out il	Top Bottom
						See See See			
	sert .	39					ate(		*
				<del>1)1101</del>	<del>osquai</del>	OFFICE USE	ONI V		- berese agueriga.
						DRILLING PH			
	, ,	000	1070			DIVIDENTOTI			Weil work started
Permit number_	4/	-033-3	30/2					August	
								Da	
This permit coverage autients	ering the we	ell operato	ontained b	locati	on shows	below is evidence	of permission gran	ted to drill in accordan	nce with the pertinent legal re-
									tractor shall notify the proper
district oil and g	as inspector	r 24 hours	before ac	tual pe	rmitted	work has commence	ed.)		maniana pionoy isas
The permitted w	ork is as de	scribed in	the Notice	and A	Application	on, plat, and reclam	ation plan, subject	to any modifications a	nd conditions specified on the
Permit expires	Au	gust 2	29, 198	36	side.	unless wel	l work is commence	d prior to that date and	prosecuted with due diligence.
						<u> </u>			OTHER INSPECTIONS
Bond: // 6	Agent	V	Plat:	Casir	ng	- Fee			
BLANKET		1 h	211	m	118	34-	no		Rugsons
	-()	1 1	MI	1/	10	50	/ V /n.	cart )	2/1000
						<u> </u>	1 / lur	gares.	/ auto
NOTE: Keep o	ne copy of	this permi	it posted a	t the d	rilling lo	cation	Ady	inistrator, Office of C	Oil and Gas

FORM IV-2(B)	FILE COPY	
Reverse		

ASOLO LOUA III

	OFF	FICE USE ONLY	Υ	TAG		
PERMIT MODIFIC	ATIONS AND COND	ITIONS (IF AN'	Y) TO THI	E PROPOSED V	VELL WORK	T JAHW. (
Shallow X_n					B (I <sup>PR</sup> C) ON: Elevati	
	errison Quad	County: E8				
	DESIGNATED ACENT			croleta Deve Sox 28, 108 Port, TV - 2	. Q C	Addre Addre
R	DRILLING CONTRACTO			TO BE MOTHERD	AS INSPECTOR	O'L & CI
- DECENVE	Actdress			90% 232~9 ew, 67 265		Adare
ABDI 7 - JUA - 7 1984	Z Redrill To Stan					
OIL & GAS DIVISION			al change in Densor			
DEPT. OF MINE			5000	mpleted well.		(12) Histor
	oung miltied in the area? Ves		70:540		roximate cost session	
ČR5	OF MENTS GENERALES GENERAL	FOOTAGE INTE	the to	SPACETCATIONS Style   Weight   Neght   Neght	AND TUBINO	ASING TYPE
e spanie od a	401,   Qeneral	107			121-3/4 2	oductor so water
zatić <sup>1</sup>						
to surface by tule 15.		700		-95 20#   E	6  8\2-8  5  8\2-4	
	OFF	FICE USE ONLY	7			anid
This part of Form IV-2(b) is to	record the dates of cert	tain occurrences	and any fo	llow-up inspection	ons.	
	Date				Date(s	)
Application received		Follow-ı	ip inspection	on(s)		
Application received		HIGHUSE ON HELING PERM				
Well work started		HACT OF BUILDING	,,			
Completion of the drilling process	neralission gratico to drill in	elow is evidence of p	d gwoss noil	serator and well loca		
Well Record received	redictions, the well operator o	ry , , mitted work in	ermitted wo	of math, incutions, hours before actual.	the construction gas inspector 24	
Reclamation completed	n plan, subject to any modifi	official to distinct to				
date and prosecuted with due difference.	ik is commenced prior to that		2. 2894			
OTHER INSPECTIONS			g grui			
Reason:	DA	1	S SIL	matt 12	SHARIS	STAMATO
Reason:	1 WHORKER		( C. C.)	(11 MILL)	2 W. (5)	

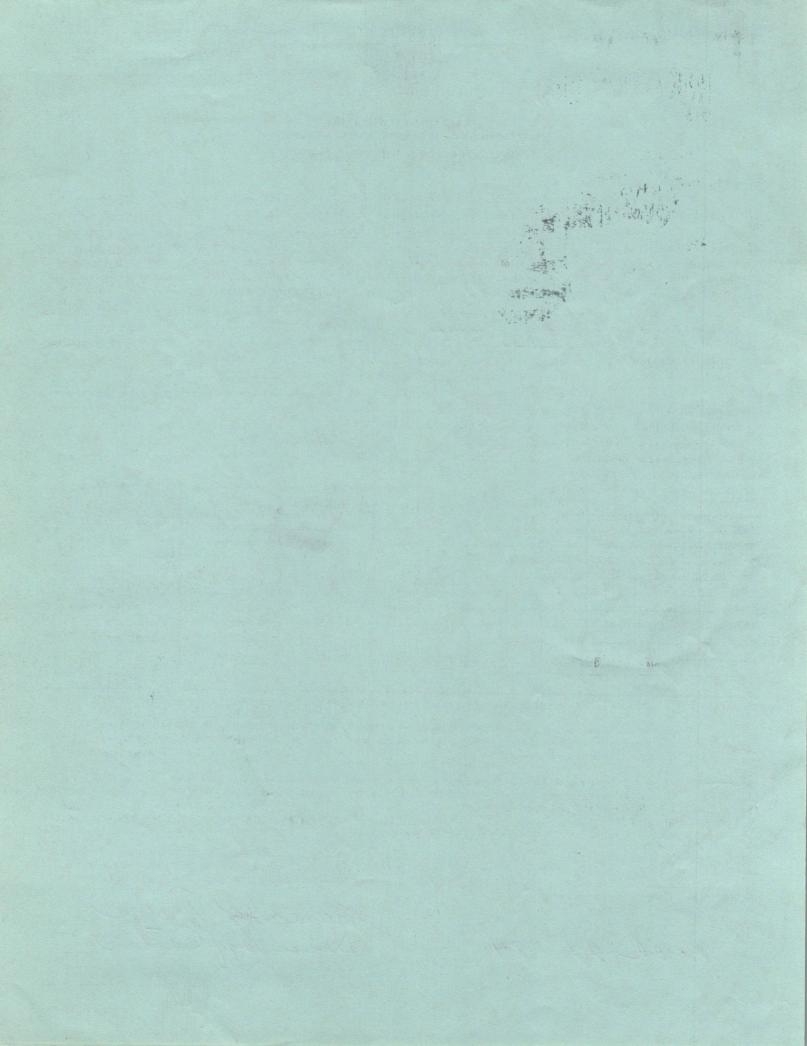


1)	Date:	arch 13		, 19 84
2)	Operator's Well No.	#31		
3)	API Well No	47		
,		State	County	Permit

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

				AFF	LICATIO	N TOR A WE	EL WORK I ERWITT		
			/ Can	X	,				
4) WELL TYP						Underground	d storage	_/ Deep	_/ Shallow/)
		"Gas", P	roduction	-			Limestone R		
5) LOCATION		vation:	0223				Harrison	Quadrangle:	olf Summit-74
	Dist	trict:	Coal	1		County:		AGENT Michael	1 L. Edwards
6) WELL OPE	RATOR_	Petro.	leum D	SASTO	pment	COEp.		P. O. Box 26.	103 East Main St.
Address	Charles and the second	O. Box				B DE.	Address	Bridgeport, V	
		dgepor		263	30				7 2000
8) OIL & GAS				IED			9) DRILLING CO	INTRACTOR:	
Name	THE RESERVE OF THE PERSON NAMED IN	en Cas					Name		
Address									
	Jan	e Lew,	WV	26378					
10) PROPOSEI	D WELL V	WORK:	Drill	X	The second second second	deeper		/ Stimulate	
			Plug off	old fo	rmation	/ Perf	orate new formation_	/	
			Other ph	ysical cl	hange in w	vell (specify)			
11) GEOLOGIC	CAL TAR	GET FORM			Benson				
12) Estima					5000	fe	et		
13) Approx				2	351500	feet; sa	alt, 700	feet.	
14) Approx				7	70:540	Is	coal being mined in the	area? Yes	/ No/
15) CASING A									
	IND TOBI		FICATIONS		- 11	FOOTAG	E INTERVALS	CEMENT FILL-UP	PACKERS
CASING OR TUBING TYPE		SPEC	Weight	- 1		For drilling	Left in well	OR SACKS (Cubic feet)	
	Size	Grade	per ft.	New	Used		401	Cement to	Kinds C.
Conductor	11-3/	4 H-40	42#	X		40"	44.3	COMMENSE CO	
Fresh water									Sizes
Coal							mont	Comments to	urface
Intermediate	8-5/8	J-55	20#	X		700'	700'	Coment to	Depths set
Production	4-1/2	J-55	10.54	X		5000'	5000'	400 sks.	Deptils set
Tubing									Perforations:
Liners									
								The state of the s	Top Bottom
	13								
			TNIC	TRUCT	TONE TO	COAL OPER	ATOR, OWNER, OR	LESSEE	
	The	named coa	al operator	, coal or	wner(s), an	id coal lessee a	re hereby notified that	any objection they wi	Sh to make or
	are requi	red to mak	e by Code	§22-4-3	must be fi	led with the De	partment of Mines wit	nin fifteen (13) days af	tter the receipt
	of this A	pplication	by the De	partmen	ıt.				
		The follo	wing wait	er must	he comple	ted by the coa	l operator and by any	coal owner or coal le	ssee
		who has	recorded a	declara	tion under	Code §22-4-20	), if the permit is to be	issued within fifteen	(15)
1		days of t	he filing o	f the Ap	oplication.				
	224								
						WAIV			
The undersign	ned coal or	perator			_/ owner		/ lessee	/ of the	coal under this well location has
		** *	TC		ists which	covers the area	a of the well location, t	he well location has be	een added to the mine map. The
undersigned has	s no object	ion to the	work prop	osed to	be done at	this location,	provided, the well oper	rator has complied wit	h all applicable requirements of
the West Virgin	nia Code an	nd the gov	erning reg	ulations			.0	1,100	) , /
							Dalles	Last X	avis
		1					1 The same	MA .	771
Date:	2001	1 1	14	. 8.	4		By Dian	- Dolf	ather
Date: _// //	ricu	- 0		19_0	_		by to the state of	100	Salar Sa

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#### 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, 22-4-2a, 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 oath 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 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

Diana Goff Cather Petroleum Development Corp. .0625 1007/714

Laura Goff Davis Petroleum Development Corp. .0625 1007/714

Address  5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD: Address 163 East Main Street.	(i) Name Alker Tire & Supply Address PO Box 710 Clarksburg, WV 26301 (ii) Name
Vame Clarksburg, West Virginia 2630.  S(iii) COAL LESSEE WITH DEGLARATION ON RECORD:  Mame  Name	Mame (iii) Name sesarbbA
Address have received this form and the following documents: Permit on form IV-2(B) (or Form IV-4 if the reall is	A state do it de beaptiful ed of
g the well location on Form IV-6; and Plan on Form IV-9 ) unless the well work is only to plan for erosion and sediment control and for ess road.  WIS IS THAT YOU HAVE RIGHTS REPARENTYS THE APPL CORPUS.	(2) The plat (surveyor's map) showing (2) The Construction and Reclamation (3) The Construction and Reclamation plug a well), which sets out the reclamation for the site and acce THE REASON YOU RECEIVED THESE DOCUMEN WHICH ARE SIMMARIES TO THESE DOCUMEN
The West Virginis Code, the undersigned well op- tor of the Office of Oil and Cas, West Virginia  To the Office of Oil and Cas, West Virginia  To the location described on attached topican  s of this Wotice, the Application, the plat, and  s of this Wotice, the Application, the plat, and  mailed by registered or certified mail of	ACTION AT THE TOTAL TO THE STEWARD FOR YO TOTAL THE ADMINISTRATED FOR YOU Exact proposes to file or has filed this I beraturent of Mines, with respect to a well mand depicted on attached form IV-6. Copies Construction and depicted on attached form IV-6.
Ther continuing contracts or contracts by which is GAS DIVISION	Check and provide one of the following:  I hold the right to extract oil or  I hold the right to extract oil or
through (4). (See reverse side for special of the oil or gas based upon a lease or leases for flat well royalty or any similar provision	The volume of oil or das so extracted to the oil of the oil of the volume of oil or das so extracted to the owner of the oil
instructions, and for instructions concerning and Application, plat, and Construction and	Reclamation Plan.
WEIL PETROLEUM DEWELOMMENT Corporation OPERATOR  PATRICAL  OPERATOR	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
By Its Vice-President of Exploration Address P.O. Box 26	in my County and State by M.L. Edwards
Telephone 304/842-6256	This 12 day of month, 1954.  My commission expires down 1964.  Notaty Public, American County, State of Many,

SURFACE OWNER'S COPY



1) Date: March 13	, 19
Y2) Operator's VO HOATRUE	FORM IV-2(B)
	Keverse

Permit

3) API Well No. State County

4) WIDE THATES AND A SARA SARA AND A SARA SARA AND A SARA SARA AND A SARA SARA SARA SARA SARA SARA SARA S	DEPARTMENT OF MINES, OIL AND GAS DIVISION				
A	OIL & GAS DIVISION 25 APPLICATION FOR A WELL WORK PERMIT				
Continue					
Comparison   Com	wolleds \ EXPIRADATION OF METHODISHANDINE LIMITS TO COMMENT OF HATTIGHE (A				
The well operation named in the materials and the Administratory of the relationship of the present of the same of	ON OH AND CAS WELL-WOOD DEDUCT OF				
The well operator named in the Note (TADPA GETAMADE (G. et acabed misorial is inspiring for a point from the State ROKARS Quid Misorial of comment before the permit is inspiring to the server with these in assarbabecause or face owners have the robot to the land get permit and with the tension of the Sheriff's as ticket on the land get permit and with the tension of the Sheriff's as ticket on the land get permit and the tension of the Sheriff's as ticket on the land get permit and	Onel Berejann . Wolf Summit-76				
ro other will not? You are being erred with these measafbecause surface owned; have the cell to file comment before the permit is trayen and the sheriff's tax ticket on the land girpsy revocity of comment and the sheriff's tax ticket on the land girpsy revocity of comment and the sheriff's tax ticket on the land girpsy revocity of complete the permit of the cell of the original sheriff is a sheriff that the cell of the original sheriff is a sheriff that the cell of the original sheriff is a sheriff that the cell of the original sheriff is a sheriff that the cell of the original sheriff is a sheriff that the cell of the original sheriff is a sheriff that the cell of the original sheriff is a sheriff that the cell of the original sheriff is and the sheriff that the cell of the original sheriff is and the sheriff that the cell of the original sheriff is and the sheriff that the cell of the original sheriff is and the sheriff that the cell of the original sheriff is and the sheriff that the cell of the original sheriff that the or	And I want to the same of the				
the surface tracit is owned by more than three precess, in multiple betablip for example, then these materials were served on you because your name appreared more and the surface and to the surface and to the surface and surface and the s	or other well work. You are being served with these malesarbble cause surface owners have the right to file comments before the permit is is as a built in the permit is in the permit in the permit is in the permit				
on the Sheriff's itsat takes on the land girperygraphy by granted the inher case, you have held you may always a street the manual restricts and the materials and the services careet, granted for his war. Concernment of the Office of Oil and Cas in the West Virginia Department of Nices immediately. If you are not required to this any comment withing A granted to the organization of the Office of Oil and Cas in the West Virginia Department of Nices immediately. NOTE: You are not required to this any comment withing any comment of the Office of Oil and Cas in the West Virginia Department of Nices immediately. Planted to the organization of the Office of Oil and Cas in the West Virginia Department of Nices immediately. Planted to the organization of the Office of Oil and Cas in the West Virginia Department of Oil and Cas in the West Virginia Department of Oil and Cas in the West Virginia Department of Oil and Cas in the West Virginia Department of Oil and Cas in the West Virginia Department of Oil and Cas in the West Virginia Department of Oil and Cas in the West Virginia Department of Oil and Cas in the West Virginia Department of Oil and Cas in the West Virginia Department of Oil and Cas in the State of Oil and Cas in the West Virginia Department of Oil and Cas in the	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				
Lyou do not own any interest in the surface tract   Real Phone   Rea	on the Sheriff's tax ticket on the land Atherana and Sheriff's tax t				
the well prevaior named in the materials and the Administrator of the Office of Oil and Gas in the West Virginin Department of Mines immediately.  NOTE: You are not required to till any comment at the comment of the	Mane See Chapter 22, Afficie 4 of the w. va. Code. Permits are valid for 24 months.				
PROPOSED WELL WORK: Drill   Dr	If you do not own any interest in the surface tract, steath forward these materials to the true owner immediately if you know who it is. steathbase notify				
Plug off old formation Perforate new formation Other physical change in well (specify) Perforate new formation Other physical change in well (specify) Perforation of the physical change in well (specify) Perforation of the physical change in the physic					
Other physical change in lead (specify)    Administration   Administration	NOTE: You are not required to file any comment at all.  Plug off old formation/ Perforate new formation/				
Administratops from property and the orifice of Oil and Gas  West Virginia Property of Mines  (30) 348-205.  (3					
Set Virginia   Poperagraph of Mines   Comments are provided in defined for Filing   Poperagraph of Mines   Comments must be in ordinary and the period of	Banana .				
Approximate trata depths: Fresh, 10 mines 10 min	Administratogoff the Office of Oil and Gas				
And the process of the standard of the process of the standard point and the process of the proc	West Virginia Department of Mines				
REALIZATION OF THE PROPOSE WILLIAM TO A SERVICE STATES AND THE WILLIAM TO A SERVICE STATES AND THE STATES AND T	14) Approximate coal seam depths:     1264   195112   Rolganization of the area?   167   168   169   1				
Who may file comments: If y ASPAPAR, the part of the comments and the part of	15) CASING AND TUBING PROGRAM (304) 348-2057				
Time limits for comments. The law requires the elivered on or before the date the orientator files his Application. You have PRIVENTAL 105 DAYS after the filiage to file your comments as provided in Methods for Filing of omments below. You may call the Administrator's office ackdow 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 "voluntar systates make the law titing. Your comments must include your name, address and the permit may be used at any time.  Comments must be in writing. Your comments must include your name, address and the permit may add to the received a sketches, smith as the approximate levelites that the in writing. Your comments.  Comments must be in writing. Your comments.  Methods for filing comments. Comments.  Methods for filing comments. Comments must be filed in person of received in the mail. If 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 fashiour fresh water sources; or notized parties of the order denying the proposed well work fails to protect fresh water sources; or notized (A) proposed well work fails to protect fresh water sources or supplies."  ((3) Damage would occur to publicly owned lands or resources; or notized parties of the other denying the permit, you should request a copy from the Administrator.  ((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. Beginners and that then simmer as the file of the permit as the file of the permit and the proposed well work fails to protect fresh water servers and the proposed and the proposed on the copy of the order denying the permit, you should request a copy from the Administrator. Beginners and that the simulation on order than the proposed on the file of th	PACKERS II FOOTAGE INTERVALS II CEMENT FILLUP   PACKERS				
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	materials.				

(For execution by corporation, partnership, etc.) NAME: ALKIRE TIRE of SUPPLY
By RICHARD M. ALKIRE

Date 8/3/24

(For execution by natural persons) (Signature)

Date: (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.

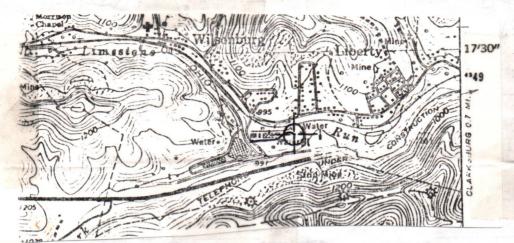
List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

DEPLOF

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE WOLF Summit 7.5

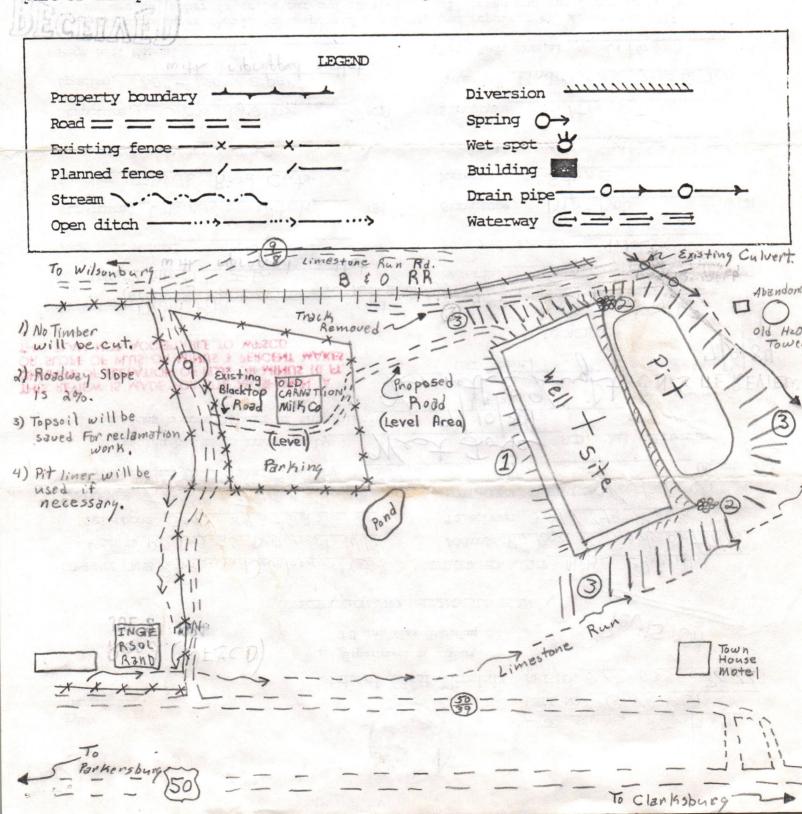
Well Site Access Road —



WELL SITE PLAN

49ft #82 tort & shead.

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.



(Rev 8-81) 6-AI

SUIPUN

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Structure

Page Ref. Manual

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REVEGETATION

IDS/acre 1Ds/acre Ladino Clover 5 10s/acre CIPOGN 5 Ibs/acre Sontucky 31 35 lbs/acre 35 lbs/acme Jons/acre Mulch (10-50-50 or equivalent) (10-20-20 or equivalent) Fertilizer 000 or correct to pH My of tostico to Tons/acre Tons/acre II seria trentserI Treatment Area I DEPT. OF MINES

Page Ref. Manual

Inoculate with 3X recommended anount. \*Inoculate all legumes such as veton, trefoil and clovers with the proper bacterium.

304/843-6356	ON ENONE
Bridge port, W. Va.	<del></del>
D.O. Box 26	SSERGER
Norman Dehosa	TE CHEVELLE N'TE

Attach separate sheets as necessars. seediing for one growing season. "Nearte Tables near asset 12520: GCCOLF! NG 2117 Test

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

gelled H2O/N2 assist 13 perforations (4275'-4283') 500 gal. acid 15,000 # 80/100 4 578 bbl sand laden fluid 40,000# 20/40 68 bbl flush

79,000 SCF N2

ORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
KB - GL	0	10	
sand, shale	10	261	hole damp @ 80'
coal	261	270	1" stream @ 90'
sand, shale	270	665	
coal line	665	667	½" stream @ 666'
sand, shale, red rock	667	1248	gas check @ 939' no show
big lime	1248	1304	gas check @ 1063' no show
big injun	1304	1399	gas check @ 1312' 18/10 thru 1" w/H2
sand, shale	1399	1794	gas check @ 1750' 14/10 thru 1" w/H2
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4th sand	2100	2131	gas check @ 2122' 4/10 thru 2" w/H20
sand, shale	2131	2151	
5th sand	2151	2170	
sand, shale	2170	2224	gas check @ 2184' 4/10 thru 2" w/H20
bayard (lower 5th)	2224	2271	gas check @ 2247' 18/10 thru 2" w/H2
sand, shale	2271	2804	gas check @ 2685' 10/10 thru 2" w/H2
speechley	2804	2931	gas check @ 2871' 14/10 thru 2" w/H2
sand, shale	2931	3056	
balltown	3056	3163	
sand, shale	3163	3482	gas check @ 3118' 18/10 thru 2" w/H2
bradford	3482	3668	gas check @ 3522' 18/10 thru 2" w/H2
sand, shale	3668	3863	gas check @ 3648' 18/10 thru 2" w/H2
riley	3863	4136	gas check @ 3928' 12/10 thru 2" w/H2
sand, shale	4136	4267	gas check @ 4176' 8/10 thru 2" w/H20
benson	4267	4286	gas check @ 4269' 20/10 thru 2" w/H2
sand, shale	4286	4405 TD	gas check @ 4300' 24/10 thru 2" w/H2
		- 1	
	. 137		Military and the second

(Attach separate sheets as necessary)

	PETROLEUM DEVELOPMENT CORPORATION	
Wel	1 Operator	
By: /	KR. We	
Date:	10/24/84	

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including word, encountered in the drilling of a well."

IV-35 (Rev 8-81)





OIL & GAS DIVISION State of Mest Hirginia
DEPT. OF MINES Department of O'

Bil und Gas Bivision

Date	
Operator's Well No. #31	
Farm Nathan Goff	
API No. 47 - 033	<b>-</b> 3072

WELL OPERATOR'S REPORT

DRILLING,	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE

District: Coal County Ha	Limestone Ru rrison	Quadrangl	eWolf Sum	mit 7½'
COMPANY PETROLEUM DEVELOPMENT CORPORATION				
ADDRESS PO BOX 26, BRIDGEPORT, WV 26330 DESIGNATED AGENT STEVEN R. WILLIAMS	Casing	Used in	Left	Cement fill up
ADDRESS PO BOX 26, BRIDGEPORT, WV 26330	Tubing	Drilling	in Well	Cu. ft.
SURFACE OWNER Alkire Tire & Supply	Size 20-16 Cond.			
ADDRESS 650 W. Pike St., Clarksburg, WV 26301	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	30'	30'	cement to
MINERAL RIGHTS OWNER Diana Goff Cather, 163 E. Main St., Clarksburg, WV 20301 & Laura	9.5/8			
ADDRESS Goff Davis, PO Box 707, Clarksburg, WV 2	63018 5/8	803'	803'	175 sks
OIL AND GAS INSPECTOR FOR THIS WORKSTEPHEN Rt 2, Box 232-D	7			
CASEY ADDRESS Jane Lew, WV 26378	5 1/2	N.C. a T C	green to the	Anna si s
PERMIT ISSUED 8/29/84	4 1/2	4370'	4370'	400 sks
DRILLING COMMENCED 10/03/84	3			A STATE OF THE STA
DRILLING COMPLETED 10/07/84	2			and the stant
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used			1
ON	Charles and the Control of the Contr			
GEOLOGICAL TARGET FORMATION Benson		Dep	th 5000	feet
a sa a sa cara da	Rotary	_		)feet
GEOLOGICAL TARGET FORMATION Benson		xx / Cabl	e Tools_	)feet
GEOLOGICAL TARGET FORMATION Benson  Depth of completed well 4405 feet	Salt n/a	xx / Cabl	e Tools_	
GEOLOGICAL TARGET FORMATION Benson  Depth of completed well 4405 feet Water strata depth: Fresh 90; 666 feet;	Salt n/a	xx / Cabl	e Tools_	
GEOLOGICAL TARGET FORMATION Benson  Depth of completed well 4405 feet Water strata depth: Fresh 90; 666 feet; Coal seam depths: 261, 665  OPEN FLOW DATA	Saltn/a Is coal	xx/ Cable feet being min	e Tools_	e area? no
CEOLOGICAL TARGET FORMATION Benson  Depth of completed well 4405 feet  Water strata depth: Fresh 90; 666 feet;  Coal seam depths: 261, 665	Saltn/a Is coal Pay	xx / Cable feet being min	e Tools_ed in the	e area? no
GEOLOGICAL TARGET FORMATION Benson  Depth of completed well 4405 feet Water strata depth: Fresh 90; 666 feet; Coal seam depths: 261, 665  OPEN FLOW DATA Producing formation Benson	Saltn/a Is coal Pay Oil: Ini	feet being min y zone dep	e Tools ed in the th 4275-8	e area? no
GEOLOGICAL TARGET FORMATION Benson  Depth of completed well 4405 feet Water strata depth: Fresh 90; 666 feet; Coal seam depths: 261, 665  OPEN FLOW DATA  Producing formation Benson  Gas: Initial open flow 189 Mcf/d  Final open flow 696 Mcf/d  Time of open flow between in:	Saltn/a Is coal Pay Oil: Ini Fir	feet being min y zone dep itial open hal open f	ed in the	e area? no  Bal/d  Bal/d  Bal/d
GEOLOGICAL TARGET FORMATION Benson  Depth of completed well 4405 feet Water strata depth: Fresh 90; 666 feet; Coal seam depths: 261, 665  OPEN FLOW DATA  Producing formation Benson  Gas: Initial open flow 189 Mcf/d  Final open flow 696 Mcf/d  Time of open flow between in: Static rock pressure 700 psig (surfate)	Pay Oil: Ini Fir itial and fire ace measure	feet being min y zone dep itial open hal open f	ed in the	e area? no  Bal/d  Bal/d  Bal/d
Depth of completed well 4405 feet Water strata depth: Fresh 90; 666 feet Coal seam depths: 261, 665  OPEN FLOW DATA  Producing formation Benson  Gas: Initial open flow 189 Mcf/d  Final open flow 696 Mcf/d  Time of open flow between in: Static rock pressure 1700 psig (surface)  (If applicable due to multiple completic	Pay Oil: Ini itial and fi	feet being min y zone dep itial open hal open f inal tests ment) afte	e Tools_ed in the th 4275-8 flow_low_hor_72 hou	garea?_no  Bbl/d Bbl/d Durs  urs shut in
Depth of completed well 4405 feet Water strata depth: Fresh 90; 666 feet; Coal seam depths: 261, 665  OPEN FLOW DATA  Producing formation Benson  Gas: Initial open flow 189 Mcf/d  Final open flow 696 Mcf/d  Time of open flow between in: Static rock pressure 1700 psig(surface)  (If applicable due to multiple completic Second producing formation	Pay Oil: Ini itial and fi	feet being min y zone dep itial open hal open f inal tests ment) afte	e Tools_ed in the th 4275-8 flow_low_hor_72 hou	e area? no  Bbl/d Bbl/d Durs  urs shut in feet
Depth of completed well 4405 feet Water strata depth: Fresh 90; 666 feet; Coal seam depths: 261, 665  OPEN FLOW DATA  Producing formation Benson  Gas: Initial open flow 189 Mcf/d  Final open flow 696 Mcf/d  Time of open flow between in: Static rock pressure 1700 psig (surface)  (If applicable due to multiple completic	Pay Oil: Ini itial and fi ace measurer on) Pay Oil: Ini	feet being min y zone dep itial open hal open f inal tests ment) afte y zone dep	e Tools_ed in the th 4275-8 flow_hor_72 houth_flow_flow_flow_flow_flow_flow_flow_flow	garea? no  Bbl/d Bbl/d Bbl/d Durs Durs Durs Shut in  feet Bbl/d

Permit No. 33-30 72

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES



### INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT OF MINES

Company Petrol.	Derly. Co.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	Р	ACKERS
Address	and the second control of the second state of the second control of the second of the	Size				
Parm alker	Tire Co.	16			Kind of	Packer
Well No. Doll	31	13				
District Coal	County Have	81/4			Size of_	
Drilling commenced		6%		-	Depth se	et
		5 3/16				
Drilling completed	Total depth	3			Perf. tor	p
Date shot	Depth of shot	2			Perf. bo	ttom
Initial open flow	/10ths Water inInch	Liners Used		· · · · · · · · · · · · · · · · · · ·	Perf. tor	p
Onen flow after tubing	/10ths Merc. inInch				Perf. bo	ttom
				2127		
Volume	Cu. Ft.	CASING CEME			No. F	rDate
Rock pressure	lbshrs.	NAME OF SEF	RVICE COMPA	ANY		
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
Fresh water <u>80</u>	feet 90 feet	FEET	INCI	HES	FEET	INCHE
Salt water	feetfeet	FEET.	INCI	HES	FEET	INCHE
Drillers' Names	OI 15					
20011111111111111111111111111111111111						
Remarks: del	at 239'				Agricultural designation of the second	

10-3-84

State Cased

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S PLUGGING REPORT

Permit No.			PROPERTY DESCRIPTION OF THE PROPERTY OF THE PR			27.0 CW	M No		
COMPANY			A Section of the sect	ADDRESS_		Walter Street			
	DISTRICT			COUNTY					
Pilling Material Used			43,47					AND THE	
Liner	Location	Amoun	rŝ .	Pa	cker	Location	alle		
PLUGS USET	AND DEPTH PLACED			BAIDS	10				
CEMENT-THICKNESS	WOOD-SIZE	LEAD	co	NSTRUCTION	Name of the Owner, where the Owner, which we do	RECOVERED	G AND TU	BING	
		and the second second second	357.5			The second second second second second	SIZE	LOST	
		ng the same of the same of the		option village of decrease					
	and the contract of the contra		2,	and the second second	· • (2) 46 5 1				
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		and the second named in column 2 is not the second		er en com					
	Y / 114003 6	ATRIE TO	F						
		ng vitte lay	77.50	- 18 28 12.C	. 4. 6				
		Specific Trans			200	\$cs			
illers' Names	error volta Markon vo		-				-		
marks:	and the second to make the second and the second	an and marketing		Mary Comment of the State of the	apaterna a Alabanian	Andrew States			
			Karaganan			to it			

I hereby certify I visited the above well on this date.

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES

## INSPECTOR'S WELL REPORT

Permit No. 33-3072

			OII OF	ID)	
Company Petrol. Devel. Co.	CASING AND TURING	USED IN DRILLING	LEFT IN	PACI	(ERS
Address	Size				
Parm alker Tire	16			Kind of Pac	ker
Well No. 20// 31	13				
District Coal County Harre	81/4			Size of	
Drilling commenced 10-2-84	6%			Depth set_	
Drilling completedTotal depth	5 3/16		· · · · · · · · · · · · · · · · · · ·	ļ	
Date shotDepth of shot	3			Perf. top	
Initial open flow/10ths Water inInch	Liners Used			Perf. botton	
Open flow after tubing/10ths Merc. in Inch				Perf. botton	
VolumeCu. Ft.	CASING CEME	NTED 8 7/4	SIZE 03	175	- 5K5,
Rock pressure lbs. hrs.	NAME OF SER	VICE COMPA	NY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT 241	FEET 84	INCHES
Fresh water 20 feet 90 feet	665 FEET	24 INCH	ES	_FEET	INCHES
Salt water feet feet	FEET_	INCH	ES	FEET	INCHES
Drillers' Names UDI 15					
Remarks:	INIE C	A ENVIE	1		
delat 1295	KEG	20 A (C)			
	OCT	9 1984			

OIL & GAS DIVISION
DEPT. OF MINES

10-4-8H

Stelle Coesce/

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S PLUGGING REPORT

Permit Newscontractions of the Contraction of the C	COLUMNICATION  READY AND A CONTROL OF THE STREET AND A STREET AND A CONTROL OF A STREET AND A ST			We	II No	
COMPANY			ADDRESS			
PARM		DISTRI	ICT C	OUNTY	1	
Filling Material Used						
Liner I	coation	Amoun	nt Packer	(Person		
PLUGS USET	AND DEPTH PLACED			Location		
CEMENT-THISKNESS	WOOD-SIZE	LEAD	BAIDGES	Sand Sander and Later Sand Sand Sand Sand Sand Sand Sand	G AND TU	BING
		LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
			18-5	10.		
			100			
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rillers' Names		The second		Literature south		
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emarks:		and the second		11710		
	(HEW)	13/5/5	(1)			
	Morsivid					
	MINES	PT. OF	go			
DATE	I hereby certify I vis	sited the abo	ove well on this date.			

DISTRICT WELL INSPECTOR



### State of West Birginia

### Bevartment of Mines Wil and Gas Bivision

Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT November 19, 1984



OIL & GAS DIVISION DEPT. OF MINES

OMPANY	Petroleum Development Corp.	PERMIT NO _	033-3072	(8-29-84)
P. O.	Box 26	FARM & WELL	NOAlkire Ti	re & Supply
Bridge	eport, West Virginia 26330	DIST. & COUR		ison
			IN COMPLIAN	CE
RULE	DESCRIPTION		YES	NO
3.06	Notification Prior to Starting Wo	rk		
5.04	Prepared before Drilling to Preve			
25.03	High-Pressure Drilling			
6.01	Required Permits at Wellsite			
5.03	Adequate Fresh Water Casing			
5.02	Adequate Coal Casing			
5.01	Adequate Production Casing			
5.04	Adequate Cement Strenght			
5.05	Cement Type			
23.02	Maintained Access Roads			
25.01	Necessary Equipment to Prevent Wa	ste		
23.04	Reclaimed Drilling Pits			

Identification Markings 7.05 I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

No Surface or Underground Pollution

Well Records on Site

Well Records Filed

Requirements for Production & Gathering Pipelines

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

Administrator-Oil & Gas Division

August 1, 1985 DATE

23.05

23.07

16.01

16.02

