Y	
K,	FORM IV-2
'	(Obverse)
	(6-82)



1)	Date:	June 3	3,	, 19_	83
2)	Operator's Well No.	#3			
3)	API Well No.	47	33	th.	2914
		State	County		Permit

DRILLING	CONTRACTOR:

	MICTOR.		DI			F WEST VII		SION WALLS	County	16 Permit
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4) WELL TYPE								Deep		X o
5) LOCATION:	Eleva	tion:	1418	G RESIDENCE	Wa	tershed:		1-14-14-14-14-14-14-14-14-14-14-14-14-14	10 TON	1150
								Quadrangle:		
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Address				WV 2620				P.O. Buckl		
7) OIL & GAS									tole sandill	
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Acreage	Spring	38	Clarks	ourg, W	263		COALOW	NEDICI MITH DECLAR	ATION ON D	ECORD
8) SURFACE O	WNER_	Charles and the second	e Kenda	al		13		Clay Develo		ECORD:
Address				Ave, Apt		float?	Address	P.O. Box 54	8	140
	North	versa	ailles	, Pa 15	5137			Shinnston,		
Acreage	-	38					Name	abor zasarisalas in	1 95 A aur	-111
9) FIELD SALE							Address	on vine kuisona ineden		(6)
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10) OIL & GAS 1	INSPECTO	R TO BE	NOTIFIE	D	1			SEE WITH DECLARAT	ION ON REC	
Name	Steven	Casey	7				Address	THE RESERVE OF THE PARTY OF THE	TO BOOK	1 12 1
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15) PROPOSED	WORK:	Drill	2	Drill deeper		_/ Redrill	/ F	Fracture or stimulate	10N -,0 13	103
							ew formation_	I Posted L		
16) GEOLOGICA	AL TARGE	TEODNA	TION	5mu	Cand				& GAS DI	
17) Estimated	d depth of c	completed	well,	3050	100	feet	er ollen, bu	DEF	I. OF	MINEE
18) Approxir	nate water	strata dept	hs: Fresh	,30	610	feet;	salt, /30,	910 feet.		
19) Approxir	nate coal se	am depths	: 315,	565, 6	25	Is coal	being mined in	the area? Yes	/ No	_X
20) CASING AN	D TUBINO	PROGR.	AM					acia distraction since		
CASING OR		SPI	ECIFICATION	NS	1	FOOTAGI	E INTERVALS			
CASING OR TUBING TYPE	Size	Grade	Weight per ft.	New Used	d Fo	or drilling	Left in well	OR SACKS (Cubic feet)		
Conductor	11 3/4			X		40	40	To Surface	Kinds	
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Coal		5		0.00	1		Heron Hills	Little Control of the St.	Sizes	
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21) EXTRACTIO			y gray to	adicy saily a				Det articipati, sacian	elf friw be	
Check and pro				continuing	contract o	or contracts l	av which I hold	the right to extract oil o	r gas	
						verse side fo			(A)	
22) ROYALTY P					e e year an Caran		STORY CARD		AOAC SEORDE.	
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produced or n				viiei oi tile (on or gas	in place will	Salva Maria	entry related to the volume	ne of on of gas	s so extracted,
If the answer abov				eeded. If the						
23) Required Cop		A STATE OF THE PARTY OF THE PAR		sclosed plat			have been maile	ed by registered mail or d		nd to the abov
								livery of this Permit App		
Mines at Cha	rleston, W	est Virgini	a. (- 1		
Notary:	Low	a W-	ten	120	30201.9		Signed:	Unen Sou	ear	
My Commission	n Expires_	12	20 9	0	4:05-3	LOLD ST	Its:	PRESIDENT	iost, gart new	
1 2					OFFIC	CE USE O	NIV	2021-61-7	DAN TO WAR	
						LING PE	Landau Company			
Permit number	4	7-033-	-2914					Ju1	у 18	19 83
an the residence	of Hawright	t toper i	BC 20 381			of V. I.	2 00000	Da		The under
This permit covering quirements subject	ng the well	operator	and well lo	rein and on	n below i	s evidence o	f permission grantification must	anted to drill in accordar	Oil and Gas In	rtinent legal re
(Refer to No. 10) I	Prior to the	constructi	on of road	s, locations a	ind pits fo	r any permit	ted work. In add	ition, the well operator o	r his contractor	shall notify th
proper district oil	and gas ins	pector 24						is all algebraiches de	w well prod	Perator mas
Permit expires	Agen	t: /I	Plat:	farch 18		Fee Tee	illing is commen	ced prior to that date and	prosecuted with	h due diligence
1000	3 Agen	10	1001	/ Cash	7/	110	/	110		

Line Item Explanation

- Date of Application
- 2) Your well name and number
- To be filled out by office of oil & gas 3)
- "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil
- "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of 4B) the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
 - "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less then six thousand feet, whatever is shallower.
- Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
 - Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
 - Anticipated formation for which well will be completed 16)
 - 17) Self explanatory
 - 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
 - 19) All coal seam depths
 - Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
 - Code 22-4-11(c) In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1)A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4)A brief description of the royalty provisions of each such lease or contract.
 - 22) Code 22-4-11(d) and 22-4-11(e).
 - Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
 - The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

		WAIVER		
The undersigned coal operator	/ owner	/ lessee	of the coal under	this well location has ev-
amined this proposed well location. If a				
added to the mine map. The undersigne				
operator has complied with all applical	ble requirements of	f the West Virginia	a Code and the governing	ng regulations.
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By

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FILE COPY



1) Date:	June	6,	, 1984
2) Operato	r's		

Well No._

3) API Well No. State

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

) LOCATIO	В	(If "Gas",	Productio	n			orage	/ Deep	
,	N: 1	Elevation: _	126	1		_ Watershed:	West Fo	ork River	(M2)
	1	District:	Clay				arrison		Clarksburg 7½
) WELL OP	ERATO					ies Inc 7	DESIGNATE	D MODELLI	Sorcan
Address	_		0. D			-	Address		t. 4, Box 444
	4		khann		WV 20	The second second			khannon, WV 26
OIL & GA				FIED		9		CONTRACTOR:	200000
		teve C	asey		- 15 kg		Name		DISCELVIS
Address	-	JaneL	⊖W				Address		1
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14) Appro	ximate co	oal seam dep	oths: 3	05.		600	being mined in th		Δ / No. /
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OFFICE USE ONLY

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		OFF	ICE USE ONLY	(9 mids (200)
This part of Form IV-2(t	o) is to record the	e dates of cert	ain occurrences	and any follow	v-up inspections		
						Date(s	`
		Date			- 1	Date(s)
Application received			Follow-u	up inspection(s	5)		
Application received			40 42 1 431 4	0			
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prosecuted with due diligence.							nat expires
OTHER INSPECTIONS							
				Casing L	Pist:		
Reason:		T V	4	2 PH	my		BLANKET

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

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
Josephine Baleley	Hydrocarbon Eng. Inc.	1/8	1117-448
MRS. DAVID TAYLOR	"	1/8	1117-456
MARGEURITE BAISLEY	ii .	1/8	1117-452
oscar Volksdorf	d.	1/8	11 28-1100
Roland WEISNER	T. C.	1/8	1128-1104

FORM IV-2(A)	
Obverse	
[8-83]	
6	

Notary Public, UPSHUR

State of VEST VirginiA

County,

1) Date: June 6,
2) Operator's

Well No. Balsley # 3

3) API Well No. 47 - 033-2914(REV)

State County Permit

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

			NOTICE OF APPLICATI	ION FOR A WELL	WORK PERMIT	2
4) SU	RFACE OWN		RECORD TO BE SERVE		COAL OPERA	-
	Name		ge Kendal	0 (=)	Address	
(1)	Address		ring St.		-	
	1201635		nt, WV 26554	- 5(ii)	COAL OWNER	R(S) WITH DECLARATION ON RECOR
(ii)	Name -		et Kendal	_	Name	Clay Development
·,	Address		Kendal & Criss	Kendal	Address	P. O. Box 386
	_			_		Shinnston, WV 26431
(iii)	Name			_	Name	
	Address			_	Address	
					_	
	_			- 5(iii)		E WITH DECLARATION ON RECORD:
					Name	
					Address_	
		TO THE PE	TRSON(S) NAMED ABOVE: You si	hould have received th	is Form and the	following documents:
		(1)	The Application for a Well !	Work Permit on Form TV	-2 (B) (or Form T	V-A if the coll is
			to be plugged, which sets of and describes the well and	ut the parties involve	d in the drilling	or other took
		(2)	cementing program;			
		(3)	The plat (surveyor's map) si The Construction and Reclama	ation Plan on Form IV-	9 lunless the we	11 work is only to
			plug a well), which sets our reclamation for the site and	t the plan for emsion	and sediment con	ntrol and for
		THE	REASON YOU RECEIVED THESE DO		NE DIGEO DESI	
		WHICH ARE	SUMMARIZED IN THE "INSTRUC	TIONS" ON THE REVERSE	STOR OF THE CODY	OF THE ADDITIONATION
		ACTION AT	2(B) OR FORM 4, DESIGNATED I	FOR YOU. HOWEVER, YOU	ARE NOT REQUIRE	O TO TAKE ANY
		Take	notice that under Chapter	22 of the West Virgini	a Code the under	reigned until on
		erawr pr	oposes to file or has filed	this Notice and Appli	cation and accom	contribut documents
		pehar mier	1 Work Permit with the Admir at of Mines, with respect to	a well at the location	n described on a	tached Application
		arm debit	ted on attached rom IV-6.	Copies of this Notice	the Application	the plat and the
		Dy Italia (cion and Reclamation Plan have the person(s) named above	for by publication in	certain circumo	led mail or delivered
		before th	e day of mailing or delivery	to the Administrator	•	
		6) EXTRAC	TION RIGHTS			DECENTIFE D
		Check	and provide one of the follo	wing:		MEGERALE
			luded is the lease or leases I hold the right to extract	Oil or me		- 1 # 1 #
		The	requirement of Code 22-4-1-	(c) (1) through (4). (5	See reverse side	for specifics.) JUN 2 6 1954
		7) ROYALT	Y PROVISIONS			3011 = 3 120 1
		Is the	right to extract, produce of	or market the oil or ga	as based upon a 1	ease or leasel & GAS DIVISION
		for con	mpensation to the owner of th	e oil or gas in place	which is not in	erently DEPT. of MINES
		to the	volume of oil or gas so ext	racted, produced or ma	urketed? Yes (No DEPT. OF WHITE
			If the answer above is No,	nothing additional is	needed. If the	answer is Yes.
		you may	y use Affidavit Form IV-60.			
		Se	ee the reverse side for line	item instructions, an	d for instruction	os concernina
		_	ne required copies of the No eclamation Plan.	tice and Application,	plat, and Constr	uction and
Tho	twith of			*1		The state of the s
			ormation on the	WELL		
			on is verified Notice is	OPERA	MOR Hyd	rocarbon Energies, Inc.
			the Well Operator	Dea	01	
	ny County			By	ulu	in Salen
	viv So		PRESIDENT	Its		esident
	day o		, 198		-	0. Drawer 976 khannon, WV 26201
	ty commis				***************************************	<u>khannon, WV 26201</u> 04) 472-9600
	-0	. ^	200	2		04/ 4/2 3000
		- 4 4 1				

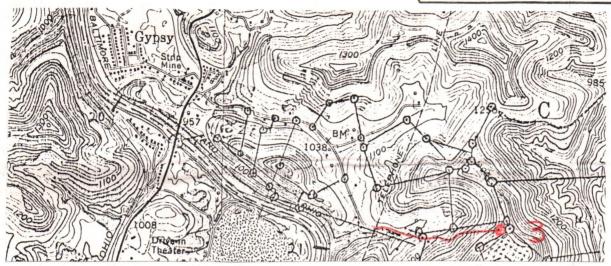
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGIE CLARKS BURG 71/2

LEGEND
Well Site
Access Road ———

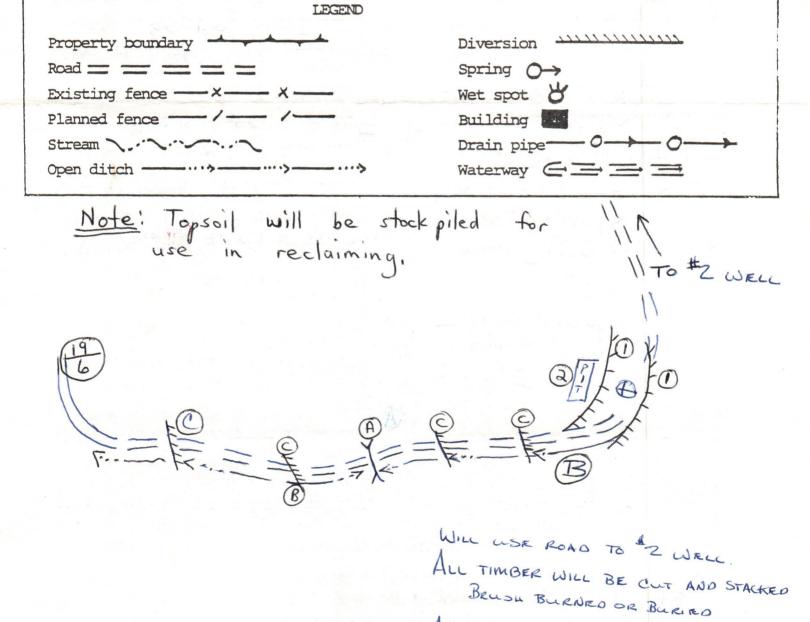
ALL CUTS WILL BE Z: 1 OR CESS.

SLOPE OF ROAD WILLBE 10-15% ORLESS.



WELL SITE PLAN

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



Th ON IGA WELL NO. DATTE

sinignist teast in state

O096-ZL\$/\$0\$ ON ENORG	necessary for commens.
Buckhannon, WV 26201	se eroons one and fortings as eroons of the first of the
	non rostoria of nottoragoco
APPRESS P.O. Drawer 976	'stantatial receiper easels : SETOT
robrotis knows of CHARLES V.	= test the of philosop == 7
foil and clovers with the proper bacterium.	*Inoculate all legumes such as vetch, tre Inoculate with 3% recommended amount.
1ps/same	ANNAL RYE 10 Ibs/acre
Jbs/sate	CADING CLOURES S Ibs/acre
Seed* lbs/acre	Seed* Ky 31 Facus 35 Ibs/acre
Mulch Tons/acre	Mulch HAY ORSTRAW 2 TONS/acte
(10-20-20 or equivalent)	(10-20-20 or equivalent)
Fertilizer lbs/acre	
Lime Ask A Strike I Tons/acre	emid—X
Treatment Area II	Treatment Area I
NOTITAL	- ALAKAA
*Suzhag viron	this end removed from the site before dirt
ed or redmit libms boo heurd ilb boo b	All structures should be cut and stacke triberted as the connection of the first stacke triberts and stacked triberts and stacked triberts and stacked triberts and stacked triberts.
Page Ref. Manual	Page Ref. Manual 2-4
LaireteM	TSAGA 60-800 parisegs
Structure (3)	STREAKERS (C)
Page Ref. Manual A A	Page Ref. Manual Z-12
14 De Istraten Sbi	Spacing ALONG ACERSS 120 AD
Structure Drilling Pit	(B) HOTIC MIASC STUDITS
Page Ref. Manual 2-12	Page Ref. Manual 2-7
Structime Diversion Ditch (1) Atoms Butterial (1)	Structure (according to 011 4 605 Manua Spacing Spacing
MOTTADOL	GAOR SZEDDA
(stape (Ds)	
Alang Barrell	
58 41 9	and additions become a part of this plan:
A John san. All corrections	This plan has been reviewed by
Alvin Sorcan (Agent)	Revegetation to be carried out by
SOIL CONS, DISTRICT West Fork SCD	TYMDOMNEE CGORDG Kendal
Telephane 304/472-6899	Telephone 304/472-9600
Address PO Drawer 976, Buckhannon, WV	Address PO Drawer 976, Buckhannon, WV
DESIGNATED AGENT Alvin Sorcan	COMPANY NAME Hydrocarbon Energies Inc.
NAIG NOTTAMALDAR	CONSIDERACION AND
E# 23H 7521Ad minimis and	
E2171777 10 11	an marked hid bit

IV-9 REVERSE (REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE CLARKS BURG

Strip
Mine

1008

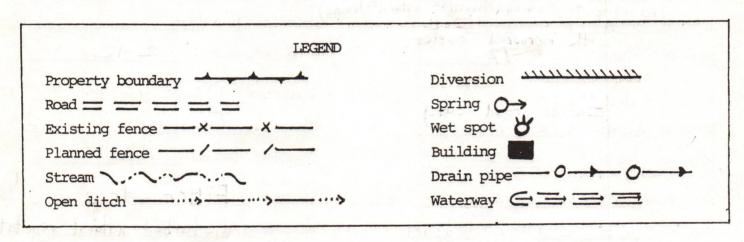
1008

1008

WELL SITE PLAN

WELL SITE PLAN

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.



ALL TIMBER WILL BE CUT + STREEP.

BRUSH WILL BILL BERNEW OR BURIED. 1

CUTS WILL BE Z: 1 OR LESS.

CULVERTS, Cross Drains, & Drainage Roprap Ditch will be maintained.

Note! Topsoil will be stockpiled.

FIT

Note! Topsoil will be stockpiled.

Construction of Reclamation Plan
approved to this point and shown in detail on the Kendall #1

well plan (approved by WESCO.

On Illiability.

To Kendall #1

B

To Kendall #1

B

To Kendall #1



IV-9 (Rev 8-81)

Recd. (WFSCD)

OIL & GAS DIVISION

DERT. OF State of Mest Hirginia Gil and Gas Division

DATE 6-11-84
WEIL NO. BALSLEY #3
API NO. 47 -033 -2914
DESTALL SAME
KEVISED

JUL 0 1304	
CONSTRUCTION AND I	RECLAMATION PLAN
COMPANY NAME HYDROCARBON ENERGIES, INC.	DESIGNATED AGENT ALVIN SORCAN
Address BuckANNON, W.U. 26201	Address Buckhannon, W.V.
Telephone 472-9600	Telephone 472-9600
LANDOWNER JOHN KENDAL	SOIL CONS. DISTRICT WEST FORK
Revegetation to be carried out by AL	VIN DORCAN (Agent)
This plan has been reviewed by	t Fork scD. All corrections
and additions become a part of this plan:	7/16/84
HIS REVIEW IS MADE FOR SITE AS SHOWN. A HANGE OF ELEVATION OF PLUS OR MINUS 10 FT. R SLOPE OF PLUS OR MINUS 3 PERCENT MAKES HIS PLAN NOT ACCEPTABLE TO WFSCD.	(SCD Agent)
ACCESS ROAD	LOCATION
Structure CULVERT Y (A)	Structure DIVERSION BREAKER (1)
Spacing 18 Minimum I.D.	Material EARTH
Page Ref. Manual 2-7	Page Ref. Manual 2-12
Structure DRAIN DITCH (B)	Structure DRILLING PIT (2)
Spacing ALONG ACCESS ROAD	Material EARTHEN
Page Ref. Manual 2-12	Page Ref. Manual N/A
Structure BREAKERS (C)	structure Filter Strip (3)
spacing 60 To 80 FEET apart	Material undisturbed natural vegetation
Page Ref. Manual 2-4	Page Ref. Manual 2-16
All structures should be inspected regul commercial timber is to be cut and stacked cut and removed from the site before dirt structure Structure Material Fg. Ref. Man. Treatment Area I	d and all brush and small timber to be work begins.
*Time Tons/acre	Hime AS AREA I Tons/acre
or correct to pH 6.5	or correct to pHlbs/acre
Fertilizer 600 lbs/acre (10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch HAY OR STRAW 2 Tons/acre	MulchTons/acre
Seed* Ky 31 FESCUE 35 lbs/acre	Seed* lbs/acre
LADINO CLOVER 5 lbs/acre	lbs/acre
ANNUAL RYE 10 lbs/acre	lbs/acre
Inoculate with 3X recommended amount.	foil and clovers with the proper bacterium.
X Lime according to pt test, PLAN	V PREPARED BY HYDROCARBON ENERGIES, INC
NOTES: Please request landowners'	ADDRESS P.O. DRAWER 976
cooperation to protect new seedling for one growing season.	BUCKHANNON, W.V. 26201
Attach separate sheets as necessary for comments.	PHONE NO. 472-9600





Hydrocarbon Energies, Inc.

PETROLEUM CONSULTING

COMPLETION — PRODUCTION — WELL OPERATING



OIL & GAS DIVISION
DEPT. OF MINES

(304) 472-9600

Post Office Drawer 976
BUCKHANNON, WEST VIRGINIA 26201

April 30, 1984

Mr. Ted M. Streit
Department Of Mines
Oil and Gas Division
1615 Washington Street East
Charleston, West Virginia 25311

Dear Ted:

The following permits are undrilled and will expire if they haven't already:

- 1) P. K. Balsly #2 (Harr 2913)
- 2) P. K. Balsly #3 (Harr 2914)
- 3) P. K. Balsly #4 (Harr 2915)
- 4) P. K. Balsly #5 (Harr 2916)

We will probably be renewing them, but the locations will be revised. Please contact me if I can provide you with any other information. Thank you.

Sincerely,

Louis A. Ferrari

Land Manager

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

FORM	PERFS	BRKD	Holes	Sand H20 Rate
5th sand	2779-2808	3100#	16	59,000 622 27.5
ISIP	<u>C02</u>			DEPT. OF MINES
1800	20tns			

WELL LOG

FORMATION COLOR	R HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and ga
SH SD SH SD SH Coal SH Coal SH Coal SH SD SH Lime SH Big Lime Big Injun SH Gantz 50' 30' Gordon Stray Gordon 4th Sand SH 5th Sand Sh TD	G S BR M G S H W G S BL S G S BL S G S BL S GR H RD&G S GR H G S G H W H W H W H W H BR M BR M BR M BR M G S W H G S	-0- 15 88 142 1738 304 3322 8501 1695 1716 1877 22316 1877 22316 2400 2682 2778 2826	15 88 142 173 304 3342 901 1695 1716 1780 1877 223154 2400 2682 2778 2940 2940	No Water Reported Coal @ 298, 332 Show Gas @ 2030 Show Gas @ 2340-2350 Show Gas @ 2660 Show Gas @ 2802 Gas @ T.D. 189MCF

(Attach separate sheets as necessary)

We	ll Operator				1 1/4	
Ву:	aluin	Sour-	hen	dent		
Date:	10-9-	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 and, encountered in the drilling of a well."



OIL & GAS DIVISION DEPT. OF MINES

E R 1 9 198	35
GAS DIVIS	Oct. 9, 1984
State of Mest Birginia	Operator's Well No. Balsley # 3
Bepartment of Mines	Farm GeorgeKendal

API No. 47 - 033 -2914

BECENALEIU

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

Gil und Gas Bivision

LOCATION: Elevation: 1261 Watershed	west 1	OIK NIVE		-
District: Caly County Har	rison	Quadrangle	e Clar	ksburg 7½
COMPANY Hydrocarbon Energies, Inc.			9	Carlotte Carlotte Carlotte Carlotte Carlotte
ADDRESS P. O. Drawer 976	Casing	Used in	Left	Cement
DESIGNATED AGENT Alvin Sorcan	Tubing	Drilling		fill up Cu. ft.
ADDRESS Rt. 4, Box 444, Buckhannon	Size			
SURFACE OWNER George Kendal	20-16 Cond.			1 1
ADDRESS 609 Spring st. Fairmont, WV	13-10"	365	365	To Surfa
MINERAL RIGHTS OWNER Josephin Balsley(et al	9 5/8	1 1 1 1 1 1		
ADDRESS 717 Stout St. Bridgeport, WV	8 5/8	1343	1343	Tg2Surfa
OIL AND GAS INSPECTOR FOR THIS WORK Steve	7			
Casey ADDRESS Jane Lew	5 1/2			
PERMIT ISSUED 7-18-84	4 1/2		2908	310 sks 1500-290
DRILLING COMMENCED 9-6-84	3			
DRILLING COMPLETED 9-11-84	2		1	
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			11 m ² da
GEOLOGICAL TARGET FORMATION 5th Sand	•	Den	th 2775	feet
Depth of completed well 2940 feet I				
Water strata depth: Fresh None feet;				
Coal seam depths: 298, 332				area? Yes
OPEN FLOW DATA			+ h 0777	025 f aat
Producing formation 5th Sand				2815 feet
Gas: Initial open flow 189 Mcf/d	A SENSON CONTRACTOR			
Final open flow 20 Mcf/d Time of open flow between init.				
Static rock pressure 460 psig(surface			and the second	
(If applicable due to multiple completion		marc, ara	1_12_100	HS Since II.
Second producing formation		v zone den	th	feet
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d				
Time of open flow between init	ial and f	inal tests	TK C	ours

FORM IV-36 [08-78]

LECEIVED	• , •		
MAR 1 9 1985	Date:	3-12	, 19
OIL & GAS DIVISION	Operator's Well No.	Balslev #	3

85

Balsley # 3

DEPT. of MINES API Well No. 47 - 033 - 2914 Permit STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL & GAS DIVISION

WELL OPERATOR'S REPORT OF INITIAL GAS-OIL RATIO TEST

WELL OPERATO	R Hydroca	arbon Ene	ergies, Inc	• DESIG	GNATED	AGENT Alvir	n Sorcan	
Address	P. O. I	Drawer 9'	76		Addres		Drawer 9	76
	Buckhar	nnon, W.	Va. 26201			Buckl	nannon, W.	Va.26201
GEOLOGICAL TA	ARGET FORMATI	ON:	5th Sand	Perforati	on Inte	Depth	2775 79 - 2808	feet
CUIDELTES D		•			2.10		19 2000	reet
2- A 24 3- Unifo 4- Measu	imum of gas hour preflow erm producing	into pipel rate durin	flared lines or tanks ing the 24 hour r Form IV-39, n producing for				<u>see</u> Regulatio	n 21.01)
STAR	T OF TEST-DATE	TIME	TE END OF TEST- 2-21-85	ST DATA	IME	DURATION OF	TEST	
	NG PRESSURE	CASING PRES	SURE SEPARAT	OR PRESSURE	SEF	7 Days PARATOR TEMPERATE 40	JRE	
OIL		NG TEST GAS	PRODUCTION DURIN	NG TEST WATE	R PRODUC	CTION DURING TEST	& SALINITY	_
OIL	GRAVITY 46	bbls.	PRODUCING	Mcf METHOD (Flow Wing	ing, pun	bbls. nping, gas lift,	etc.)	-
				RODUCTION			Marine de 1997 - Papar I desde velaparaties de de la paparaties de la general de la ge	=
	REMENT METHOD	PIPE TAP		NO DOC TYON		VE CHOKE CAL FLOW PROVER		-
	CE DIAMETER 3./8		PIPE DIAMETER 2 inch	R (INSIDE DIA	M.) NO	MINAL CHOKE SIZE	- IN.	
	RENTIAL PRESSU	RE RANGE	MAX. STATIC F	PRESSURE RANG	E PR	OVER & ORIFICE D	IAM IN.	
	RENT IAL .		STATIC			S GRAVITY (Air-I ASURED ES	.O) TIMATED	
GAS G	RAVITY (AIT-16)	FLOWING TEMPE	RATURE	1	S TEMPERATURE	• F	
24 HO	OR COEFFICIENT					HOUR COEFFICIEN	T	
			Tron	DE0	PR	ESSURE -	psia	
DAILY	OIL	DAILY WATE	R	RESULTS DAILY GAS		GAS-OIL RAT	10	
-	5.7 bbls.	None	bbls.	18	Mcf	1	SCFATE	
18				By	dro	Carbon (Energies rator	Inc.
				By:	a	lui la		
			*	Its:	P	esident		

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

FINAL INSPECTION REQUEST



INSPECTOR'S COMPLIANCE REPORT

OIL & GAS DIVISION

and dist	AND DE LOS	and .					0	
and .						and an a		Ξ
	_				4	THE OWNER.	1	-

Permit No	033-2914	County	. на	arriso	n .	
Company Hyd	Irocarbon Energies, Inc.	Farm	P. K.	Bals1	y Heirs	(8)
Inspector	Stephen Casey	Well No	. 3			
Date Ma	ny 7, 1984					
					IN COMPL	IANCE
RULE	DESCRIPTION				Yes	No
23.06	Notification Prior to starting Work	c				
25.04	Prepared before Drilling to prevent	. waste				
25.03	High-Pressure Drilling				-	
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 Strength					
23.02	Maintained Access Roads					
25.01	Necessary Equipment to prevent Wast	e				
23.03	Reclaimed Drilling Site					
23.04	Reclaimed Drilling Pits				-	·
23.05	No surface or underground Pollution	ı				
7.03	Identification Markings					
COMMENTS:	Please issue final on cancell	lation	if lo	cation	is okay.	
Permit e	expired on 3-18-84 and company	says w	ell wa	as not	drilled.	
				-		
all of the ru	ted the above well and (HAVE/HAVE NO les and regulations of the Office of West Virginia.					
		5/		0-1	,	

DECENVED TO

OIL & CAS DIVISION DEPT. OF MINES

The Carry



State of West Virginia Department of Mines Gil and Gas Division

Charleston 25305 May 30, 1984

THEODORE M. STREIT **ADMINISTRATOR**

WALTER N. MILLER DIRECTOR

Hydrocarbon Energies, Inc. P.O. Box 976 Buckhannon, W.Va. 26201

PERMIT NO:033-2914				
FARM: P.K. E	Balsly Heirs			
WELL NO:				
DISTRICT:	Clay			
COUNTY:	Harrison			
ISSUED:	7–18–83			
	FARM: P.K. E WELL NO: DISTRICT: COUNTY:			

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

The well designated by the above permit number has been released under your (PERMIT CANCELLED - NEVER DRILLED) Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

Theodore M. Streit, Administrator

Office of Oil & Gas - Dept. Mines

26-Mar-85

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OFFICE OF OIL AND GAS CHARLESTON 25305 FIRAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT



DIVIE. ON OF OIL & GAS DEPT. OF ENERGY

Company: HYDROCARBON EXPLORATION, INC. Farm: BAUSLEY, P. K., HEIRS Well: BAUSLEY 3 Permit No. 47- 33-2914 (7-18-84)

County: HARRISON

		In Compli	i anc e
Rule	Description	Yes	No
23.06	Notification prior to starting work		
25.04	Prepred before drilling to prevent waste		MA No. 20 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -
25.03	High pressure drilling		
16.01	Required permits at wellsite		
	Adequate Fresh Water Casins		
	Adequate Coal Casing		pr. 14 pr. 140 140 000 000 000 000
	Adequate Production Casins		
	Adequate Cement Strensth		
	Cement Type		
	Maintained Access Roads		\$60 \$9 \$000 \$800 \$600 \$000 0 000
	Necessary Equipment to Prevent Waste		
	Reclaimed Drillins Fits		
	No Surface or Underground Pollution		
	Requirements for Production & Gatherins Pirelines		
1 11	Well Records on Site Well Records Filed	NA 101 11 111 101 101 101 101 101	
			MA 17- 14- 180 SM SM SM SM SM
7+00	Identification Markinss		
I HAVI	INSPECTED THE AROVE CAPTIONED WELL AND RECOMMEND	THAT IT BE	RELEASED:
	SIG	VED HOL	re Casaj -29-85
	DATE	10	-29-85
with (well record was received and reclamation requirements that the above well wisse for the life of the well.		
		Adminis	strator
			r_5, 1985
		T)	2 t c

Received for Recording		Lease #							
Recorded		Map Ref.							
Book	Pg	Renewal #							
		Expires							
BOOK1117 PAGE 44	8 OIL and GAS								
1982, by and between			,						
hereinafter called Lessor (whether hereinafter called Lessee, WITNESSETH, that said Les	one or more), and 64 1/2 E.	DROCARBON ENERGIES, INC. MAIN STREET, P.O. DRAWER S BUCKHANNON, WV 26201 n of ONE DOLLAR (\$1.00), the re	976						
acknowledged, and of the covenar granted, demised, leased and let, e rights of drilling, producing, and stations, and electric power lines, h necessary, incident to or convenien	nts hereinafter contained on the exclusively unto Lessee, with co- otherwise operating for oil and ouses for valves, meters, regulate	part of said Lessee, to be paid, I venants of general warranty, for t gas, and of laying pipe lines an ors and other appliances, with all o	kept and performed, has the purpose and with the d building tanks, roads, ther rights and privileges						
tract of land situate in the Townsh	nip of Clay Dis	strict , County of	Harrison ,						
State of West Virgin	ia , and bounded substantia	lly as follows:							
On the North by lands of	Minnie Bice								
On the East by lands of	Lister Bice								
On the South by lands of	Stone								
On the West by lands of									
and containing, for the purpose	of calculating rentals.	101 acres of	f land whether actually						
containing more or less; and part of									
	e Balsley								
recorded in Book 285		Page 466 in the R	ecorder's Office of said						
1. It is agreed that this leftom the date hereof and as long the 2. (a) Lessee covenants line to which said Lessee may colleased premises.	ease shall remain in force for a ereafter as the said land is operate and agrees to deliver to the crennect its wells, a royalty of on and agrees to pay Lessor as a roy an amount equal to one-eighth	primary term of 1 (county) the by Lessee in the production of dit of Lessor, his heirs or assigns, the eighth (1/8) of native oil production of the pross proceeds received the production of the p	one) years oil or gas. free of costs, in the pipe ced and saved from the and every well drilled on ed from the sale of same						
3. Lesser agrees to mount of (\$1500.00) of dvance royalty shall o Lessor through the tem 2 above. In the ell on premises, the ental or royalty payrhis one year period to the state of the	be deducted from production of oil event of completic Lessee shall hold ments for a term of	the initial royalty and/or gas, as deson of a commerically the lease in full	lty. The checks due cribed in y unproductive						
		eck or voucher to the order of							
Josephine Balsle	, mailed to7	17 Stout St., Bridg	eport, WV						
companied by original or certified ownership directing payments to be in accordance with such directions of royalty are to be made according forfeited for Lessee's failure to pay default and shall fail, for a period of	e made otherwise, and any payr shall absolve the Lessee from any g to Lessor's respective interests any rentals or royalties until Les	nents made as above until such di liability to any heir or assign of the stherein, as hereafter set forth, an see has received written notice by	irection, and thereafter the Lessor. All payments d this lease shall not be						

- Lessor excepts and reserves a total amount of 200,000 cubic feet of gas annually or such part thereof as Lessor may use each year from the gas that Lessee may hereafter produce or otherwise have available from one gas production well completed and operated by Lessee hereunder upon the leased premises, which said amount of 200,000 cubic feet of gas per year Lessor shall be entitled to receive free of cost for heat and light in one dwelling house on the leased premises when and as long as Lessee may elect to produce or operate a well for the aforesaid purposes upon the leased premises, by Lessor laying the necessary lines and making connections at Lessor's cost at such point on the demised premises as may be designated by the Lessee, provided said gas is used with economical appliances and is measured by meter furnished by Lessee. The regulation of such gas will be by regulators furnished by Lessor, and approved by Lessee, placed at a point designated by Lessee, with said gas to be used at Lessor's own risk and Lessee not to be in any way liable for any interruption or insufficient supply of such gas for said domestic use caused by pumping stations, breakage of lines or otherwise, and nothing herein shall prevent the Lessee from abandoning any well or wells or pipelines on the leased premises and removing the pipe therefrom at any time. If more than 200,000 cubic feet per year is used, the excess shall be paid for at the rate charged to domestic consumers in the same area, and in case of default in payment for gas used in excess of said 200,000 cubic feet, Lessee is hereby authorized to deduct the amount thereof from any royalty or other payments that are then due, or may later become due, under the terms of this lease.
- 6. In addition to the covenants of general warranty hereinabove contained, Lessor further covenants and agrees, that if Lessor's title to the leased premises shall come into dispute or litigation, or, if, in the judgment of Lessee, there are bona fide adverse claims to the rentals or royalties hereinabove provided for, then Lessee, at its option, may withhold the payment of said rentals or royalties until final adjudication or other settlement of such dispute, litigation, claim or claims; and that Lessee, at its option, may pay and discharge any taxes, mortgages or other lien or liens, existing, levied, assessed or which may hereafter come into existence or be levied or assessed on or against the leased premises, and, in the event it exercises such option, Lessee shall be subrogated to the lien and any and all rights of any holder or holders thereof, and may reimburse itself by applying to the discharge of any such mortgage, tax, or other lien or liens, any rental or royalty accruing hereunder.
- 7. If an when drilling or other operations hereunder are delayed or interrupted by lack of water, labor or material, or by fire, storm, flood, war, rebellion, insurrection, riot, strike, differences with workmen, or failure of carriers to transport or furnish facilities for transportation, or as a result of some order, rule, regulation, requisition or necessity of the government, or as the result of any other cause whatsoever beyond the control of Lessee, the time of such delay or interruption shall not be counted against Lessee, anything in this lease to the contrary notwithstanding. All express or implied covenants of this lease shall be subject to all Federal and State Laws, Executive Orders, Rules or Regulations, and this lease shall not be terminated, in whole or in part, nor Lessee held liable in damages for failure to comply therewith, if compliance is prevented by, or if such failure is the result of any such Law, Order, Rule or Regulation.
- 8. Lessee shall have the right at any time during the term of this lease or after the expiration or termination thereof to remove all machinery, fixtures, pipe lines, houses, buildings, and other structures placed on said premises, including the right to pull and remove all casing and tubing.
- 9. If the Lessee shall begin operations for the commencement of a well during the term of this lease or any extension thereof, the Lessee shall then have the right to complete the drilling of such wells, and if oil or gas or either of them be found in paying quantities, this lease shall continue and be in force and with like effect as if such well had been completed within the term first herein mentioned.
- 10. Lessee shall have the right to assign this lease or any interest and the assignee of Lessee shall have corresponding rights, privileges, and obligations with respect to said royalties and rentals as to the acreage assigned to it.
- 11. Lessee shall upon completion of the first productive well upon said premises make a diligent effort to obtain a pipeline connection but any delay shall not be counted against the Lessee provided Lessee shall resume delay rental payments for quarterly periods, beginning one year from the date that the first productive well shall be completed until said first well shall be connected to a pipeline.
- 12. Lessee may, at any time during the term hereof, cancel and surrender this lease, and be relieved of any and all obligations, payments and liabilities thereafter to accrue as to the leased premises, by the mailing of a notice of such surrender, and a check covering all rentals, if any, due up to the date of such cancellation or surrender.
- 13. It is agreed that said Lessee may drill or not drill on said land as it may elect, and the consideration and rentals paid and to be paid hereunder constitute adequate compensation for such privilege.
- 14. It is agreed that said Lessee shall have the privilege of using free of charge sufficient water, oil and gas from the said premises to run all machinery necessary for drilling and operations thereon, and at any time to remove all machinery and fixtures placed on said premises.
- 15. No well shall be drilled by Lessee within 200 feet of the dwelling house or barn now on said premises, except by consent of Lessor.
- 16. The leased premises may be fully and freely used by Lessor for any purpose, excepting such parts as are used by Lessee in operation hereunder.
- 17. Lessee shall pay Lessor for all damages to growing crops, fences or trees caused by Lessee's operations and shall bury all permanent pipelines below plow depth through cultivated areas upon request of Lessor or within presentable length of time thereafter.
- 18. This instrument may be executed in counterparts each having the same validity as if the original Should any one or more of the parties named as Lessor fail to execute this lease, it shall nevertheless be binding upon all such parties who do execute it as Lessor.

	gas field within which the same are included from unner Lesser further grants to the Lessee, its heirs and assigns, thereof at the option of Lessee with others to form a uni- said premises together with others in the area had been in tract and in such event Lessor agrees to accept, in lieu (1/8) of the oil or gas marketed from the unitized area	cessary and wasteful drilling and undue deptetion of its reso the right to consolidate the above described premises or and the not to exceed 640 acres for development to the same effect of the royalty hereinbefore recited, such proportion of one-as his acreage included therein bears to the total acreage onsolidation by mail to the above address or by filing a declared	y part et as if livided eighth of the
	SIXTH	J.V.B	
	This lease covers one hari in	terest in the above described tract.	
	extend to and be binding upon their respective heirs, such other than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than those herein contained shall be binding on either than the same than the shall be binding on either than the same than		tations
	IN WITNESS WHEREOF, the parties to this agreen above written.	nent have hereunto set their hands and seals the day and ye	ar first
	above written.		
		Josephine Baleley	(Seal)
			-
			(Seal)
			(Cool)
			(Seal)
			•
At	test:	Hydrocarbon Energies, Inc.	
~	P. 0. 11	- 0	
Iarr	y Graba: Vice-President	Alvin Sauce	_
2	, vice resident	Alvin Sorcan; President	
STAT	E OF WEST VIRGINIA		
COUN	TY OF UPSHUR		
	I, Louis A. Ferrari, a Notary Public i	n and for the County of Upshur	
and	State aforesaid, do certify that Alvin	Sorcan (President-Hydrocarbon Energies,	Inc.
1		bearing date the 5th day of July	<i></i> ,
1982	, has this day acknowledged the same be	efore me in my said County and State afor	resaid.
	Given under my hand and Official Seal		25
	My Commission Expires Dec. 15, 1990.	ころ を そくないの	2.5

Received for Recording	Lease # Map Ref							
Recorded								
Book Pg	Renewal #							
	Expires							
BOOK1117 PAGE 456 OIL a	nd GAS LEASE							
THIS AGREEMENT made and entered into the	his the5th_ day ofJuly							
19_82, by and betweenMaude B. T	aylor and David D. Taylor (husband)							
hereinafter called Lessor (whether one or more), and	HYDROCARBON ENERGIES, INC. 64 1/2 E. MAIN STREET, P.O. DRAWER 976							
hereinafter called Lessee,	BUCKHANNON, WV 26201							
acknowledged, and of the covenants nereinafter cor	ion of the sum of ONE DOLLAR (\$1.00), the receipt of which is herebatained on the part of said Lessee, to be paid, kept and performed, ha							
granted, definised, leased and let, exclusively unto 1.6	essee with covenants of general warranty for the mumaca and its							
mouses for valves m	ng for oil and gas, and of laying pipe lines and building tanks, road neters, regulators and other appliances, with all other rights and privilege							
, meracine to of convenient for the operation	on of this land alone and cojointly with neighboring lands, all that certain							
	Clay District , County of Harrison							
State of <u>West Virginia</u> , and bound								
	ce							
On the East by lands of Lister								
On the South by lands ofStone								
On the West by lands ofKourpas								
and containing, for the purpose of calculating rent	101							
	tals, acres of land whether actually described in that certain deed to Lessor from							
	dated 1-27-19							
205								
county, it being the intent of Lessor to include all land 1. It is agreed that this lease shall remain in	, Page 466 , in the Recorder's Office of said							
rom the date hereof and as long thereafter as the said	land is operated by I occas in the maduation of "							
eased premises.	royalty of one-eighth (1/8) of native oil produced and saved from the							
(b) Lessee covenants and agrees to pay I aid premises producing native gas, an amount equal	Lessor as a royalty for the native gas from each and every well drilled on to one-eighth (1/8) of the gross proceeds received from the sale of same							
t the prevailing price for gas sold at the well, for all n	to one-eighth (1/8) of the gross proceeds received from the sale of same native gas saved and marketed from the said premises, payable quarterly.							
3. Lesser agrees to par I								
ount of (\$1500.00) Fifteen Hur	or, in their proportionalte shares, an addred Dollars advanced royalty. The							
vance royalty shall be deducted	d facilities advanced royalty. The							
Lessor through the production	of oil and/or gas, as described in							
ll on premises the learning	completion of a commerically unproductive							
ital or royalty payments for a	the lease in full force, without							
is one year period the lease s	term of one year. At the expiration of the hall become pull and world							
4. 1/6 of All payments under this lease shall be	e made by check or voucher to the order of							
Maude B. Taylor , mail	led to 314 Spring Ave, Clarksburg, WV							
26301 until the Leave								
inpanied by original or certified copies of deeds or	r other documents as Lessee may require evidencing such change of							
accordance with such direction shall absolve the Lorentz	and any payments made as above until such direction, and thereafter							
royalty are to be made according to Lossov's rooms	see from any flability to any field of assign of the Lessor. All payments							
fault and shall fail, for a period of thirty (30) days aft	tive interests therein, as hereafter set forth, and this lease shall not be lities until Lessee has received written notice by registered mail of such							
rend of unity (50) days all	cer receipt of such notice to pay same.							

- Lessor excepts and reserves a total amount of 200,000 cubic feet of gas annually or such part thereof as Lessor may use each year from the gas that Lessee may hereafter produce or otherwise have available from one gas production well completed and operated by Lessee hereunder upon the leased premises, which said amount of 200,000 cubic feet of gas per year Lessor shall be entitled to receive free of cost for heat and light in one dwelling house on the leased premises when and as long as Lessee may elect to produce or operate a well for the aforesaid purposes upon the leased premises, by Lessor laying the necessary lines and making connections at Lessor's cost at such point on the demised premises as may be designated by the Lessee, provided said gas is used with economical appliances and is measured by meter furnished by Lessee. The regulation of such gas will be by regulators furnished by Lessor, and approved by Lessee, placed at a point designated by Lessee, with said gas to be used at Lessor's own risk and Lessee not to be in any way liable for any interruption or insufficient supply of such gas for said domestic use caused by pumping stations, breakage of lines or otherwise, and nothing herein shall prevent the Lessee from abandoning any well or wells or pipelines on the leased premises and removing the pipe therefrom at any time. If more than 200,000 cubic feet per year is used, the excess shall be paid for at the rate charged to domestic consumers in the same area, and in case of default in payment for gas used in excess of said 200,000 cubic feet, Lessee is hereby authorized to deduct the amount thereof from any royalty or other payments that are then due, or may later become due, under the terms of this lease.
- In addition to the covenants of general warranty hereinabove contained, Lessor further covenants and agrees, that if Lessor's title to the leased premises shall come into dispute or litigation, or, if, in the judgment of Lessee, there are bona fide adverse claims to the rentals or royalties hereinabove provided for, then Lessee, at its option, may withhold the payment of said rentals or royalties until final adjudication or other settlement of such dispute, litigation, claim or claims; and that Lessee, at its option, may pay and discharge any taxes, mortgages or other lien or liens, existing, levied, assessed or which may hereafter come into existence or be levied or assessed on or against the leased premises, and, in the event it exercises such option, Lessee shall be subrogated to the lien and any and all rights of any holder or holders thereof, and may reimburse itself by applying to the discharge of any such mortgage, tax, or other lien or liens, any rental or royalty accruing hereunder.
- If an when drilling or other operations hereunder are delayed or interrupted by lack of water, labor or material, or by fire, storm, flood, war, rebellion, insurrection, riot, strike, differences with workmen, or failure of carriers to transport or furnish facilities for transportation, or as a result of some order, rule, regulation, requisition or necessity of the government, or as the result of any other cause whatsoever beyond the control of Lessee, the time of such delay or interruption shall not be counted against Lessee, anything in this lease to the contrary notwithstanding. All express or implied covenants of this lease shall be subject to all Federal and State Laws, Executive Orders, Rules or Regulations, and this lease shall not be terminated, in whole or in part, nor Lessee held liable in damages for failure to comply therewith, if compliance is prevented by, or if such failure is the result of any such Law, Order, Rule or Regulation.
- Lessee shall have the right at any time during the term of this lease or after the expiration or termination thereof to remove all machinery, fixtures, pipe lines, houses, buildings, and other structures placed on said premises, including the right to pull and remove all casing and tubing.
- If the Lessee shall begin operations for the commencement of a well during the term of this lease or any extension thereof, the Lessee shall then have the right to complete the drilling of such wells, and if oil or gas or either of them be found in paying quantities, this lease shall continue and be in force and with like effect as if such well had been completed within the term first herein mentioned.
- Lessee shall have the right to assign this lease or any interest and the assignee of Lessee shall have corresponding rights, privileges, and obligations with respect to said royalties and rentals as to the acreage assigned to it.
- Lessee shall upon completion of the first productive well upon said premises make a diligent effort to obtain a pipeline connection but any delay shall not be counted against the Lessee provided Lessee shall resume delay rental payments for quarterly periods, beginning one year from the date that the first productive well shall be completed until said first well shall be connected to a pipeline.
- Lessee may, at any time during the term hereof, cancel and surrender this lease, and be relieved of any and all obligations, payments and liabilities thereafter to accrue as to the leased premises, by the mailing of a notice of such surrender, and a check covering all rentals, if any, due up to the date of such cancellation or surrender.
- It is agreed that said Lessee may drill or not drill on said land as it may elect, and the consideration and rentals paid and to be paid hereunder constitute adequate compensation for such privilege.
- It is agreed that said Lessee shall have the privilege of using free of charge sufficient water, oil and gas from the said premises to run all machinery necessary for drilling and operations thereon, and at any time to remove all machinery and fixtures placed on said premises.
- No well shall be drilled by Lessee within 200 feet of the dwelling house or barn now on said premises, 15 except by consent of Lessor.
- The leased premises may be fully and freely used by Lessor for any purpose, excepting such parts as are 16. used by Lessee in operation hereunder.
- Lessee shall pay Lessor for all damages to growing crops, fences or trees caused by Lessee's operations and. shall bury all permanent pipelines below plow depth through cultivated areas upon request of Lessor or within Spreasonable length of time thereafter.
- This instrument may be executed in counterparts each having the same validity as if the original should any one or more of the parties named as Lessor fail to execute this lease, it shall nevertheless be binding upon all such parties who do execute it as Lessor.

STATE

My Commission Expires Dec. 15, 1990.

for the purpose of conserving the interest of the parties hereto and protecting said premises, and the oil or gas field within which the same are included from unnecessary and wastern drilling and undue depletion of its resources, Lessor further grants to the Lessee his heirs and assigns, the right to consolidate the above described premises or any part thereof at the option of Lessee with others to form a unit not to exceed 640 acres for development to the same effect as if said premises together with others in the area had been jointly leased by various bestors to the Lessee as a single undivided tract and in such event Lessor agrees to accept, in lieu of the royalty herein before recited, such proportion of one eighth (IV8) of the oil or gas marketed from the unfixed area as his acreage included therein bears to the total acreage of the unitized area. Lessee may give notice to bessor of such consolidation by hail to the above address or by filing a declaration of record describing the properties so consolidated or unitized.

This lease covers one interest in the above described tract.

All the terms, conditions, limitations and covenants herein contained shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, successors, personal representatives and assigns, but no representations other than those herein contained shall be binding on either party. IN WITNESS WHEREOF, the parties to this agreement have hereunto set their hands and seals the day and year first above written. (Seal) Attest: STATE OF WEST VIRGINIA COUNTY OF UPSHUR I, Louis A. Ferrari, a Notary Public in and for the County of Upshur and State aforesaid, do certify that Alvin Sorcan (President-Hydrocarbon Energies, Inc. whose name has signed to the writing above, bearing date the 5th day of July 1982, has this day acknowledged the same before me in my said County and State aforesaid. Given under my hand and Official Seal this 15th day of

Received for Recording		Lease # Map Ref								
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Book	Pg	Renewal #								
BOOK1117 PAGE 4		Expires	MEGELVE							
DOUNTER		CLEACE	JUN -6 1983							
	OIL and GA	45 LEASE	0011 0 1000							
THIS AGREEMENT made	and entered into this the	5th day of	OIL & GAS DIVISION DEPT. UF MINE							
19_82_, by and between	Marguerite Bals	sley (widow)	DEPT. OF MINE							
		•								
hereinafter called Lessor (whether	one or more), and 64 1	/2 E. MAIN STREET, P								
hereinafter called Lessee,		BUCKHANNON, W	V 26201							
acknowledged, and of the covena granted, demised, leased and let, rights of drilling, producing, and stations, and electric power lines, l	ints hereinafter contained on exclusively unto Lessee, with otherwise operating for oil nouses for valves, meters, regu	the part of said Lessee, n covenants of general w and gas, and of laying ulators and other applian	\$1.00), the receipt of which is hereby to be paid, kept and performed, has arranty, for the purpose and with the pipe lines and building tanks, roads, ces, with all other rights and privileges with neighboring lands, all that certain							
tract of land situate in the Towns	hip ofClay Dis	strict ,Co	ounty ofHarrison,							
State of West Virgini										
On the East by lands ofI										
On the South by lands of										
On the West by lands of										
and containing, for the purpose			acres of land whether actually							
containing more or less; and part o										
			1-27-19							
			, in the Recorder's Office of said							
County, Ryberns the intenty of the second	KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	INTERCOMMENSACIONS TO A TOTAL OF THE STATE O	THE PARTY.							
2. (a) Lessee covenants line to which said Lessee may co leased premises.	ereafter as the said land is op and agrees to deliver to the ennect its wells, a royalty of	perated by Lessee in the percent of Lessor, his heif one-eighth (1/8) of national control of the	rs or assigns, free of costs, in the pipe tive oil produced and saved from the							
said premises producing native gas	, an amount equal to one-eigh	ghth (1/8) of the gross pro	as from each and every well drilled on occeeds received from the sale of same the said premises, payable quarterly.							
3. Lesser agrees t amount of (\$1500.00)	rilleen Hundred	Dollars advanc	ed roughty The							
advance royalty shall to Lessor through the	be deducted fro	m the initial	rovalty checks due							
Item 2 above. In the	event of comple	tion of a comm	orically unamaduation							
well on premises, the	Lessee shall ho	ld the leace i	n full force without							
this one year period	the lease shall	become null an	At the expiration of d void $-M-G-B$							
1										
			Della							
46615	, mailed to _	140 Nt. Valsi	ty Drive, South, Ind.							
companied by original or certified ownership directing payments to be in accordance with such direction so of royalty are to be made according	copies of deeds or other of e made otherwise, and any p shall absolve the Lessee from g to Lessor's respective inter any rentals or royalties until	documents as Lessee may payments made as above any liability to any heir or rests therein, as hereafter	the Lessor, its heirs or assigns, ac- y require evidencing such change of until such direction, and thereafter or assign of the Lessor. All payments ext forth, and this lease shall not be ten notice by registered mail of such ame.							

- Lessor excepts and reserves a total amount of 200,000 cubic feet of gas annually or such part thereof as Lessor may use each year from the gas that Lessee may hereafter produce or otherwise have available from one gas production well completed and operated by Lessee hereunder upon the leased premises, which said amount of 200,000 cubic feet of gas per year Lessor shall be entitled to receive free of cost for heat and light in one dwelling house on the leased premises when and as long as Lessee may elect to produce or operate a well for the aforesaid purposes upon the leased premises, by Lessor laying the necessary lines and making connections at Lessor's cost at such point on the demised premises as may be designated by the Lessee, provided said gas is used with economical appliances and is measured by meter furnished by Lessee. The regulation of such gas will be by regulators furnished by Lessor, and approved by Lessee, placed at a point designated by Lessee, with said gas to be used at Lessor's own risk and Lessee not to be in any way liable for any interruption or insufficient supply of such gas for said domestic use caused by pumping stations, breakage of lines or otherwise, and nothing herein shall prevent the Lessee from abandoning any well or wells or pipelines on the leased premises and removing the pipe therefrom at any time. If more than 200,000 cubic feet per year is used, the excess shall be paid for at the rate charged to domestic consumers in the same area, and in case of default in payment for gas used in excess of said 200,000 cubic feet, Lessee is hereby authorized to deduct the amount thereof from any royalty or other payments that are then due, or may later become due, under the terms of this lease.
- In addition to the covenants of general warranty hereinabove contained, Lessor further covenants and agrees, that if Lessor's title to the leased premises shall come into dispute or litigation, or, if, in the judgment of Lessee, there are bona fide adverse claims to the rentals or royalties hereinabove provided for, then Lessee, at its option, may withhold the payment of said rentals or royalties until final adjudication or other settlement of such dispute, litigation, claim or claims; and that Lessee, at its option, may pay and discharge any taxes, mortgages or other lien or liens, existing, levied, assessed or which may hereafter come into existence or be levied or assessed on or against the leased premises, and, in the event it exercises such option, Lessee shall be subrogated to the lien and any and all rights of any holder or holders thereof, and may reimburse itself by applying to the discharge of any such mortgage, tax, or other lien or liens, any rental or royalty accruing hereunder.
- If an when drilling or other operations hereunder are delayed or interrupted by lack of water, labor or material, or by fire, storm, flood, war, rebellion, insurrection, riot, strike, differences with workmen, or failure of carriers to transport or furnish facilities for transportation, or as a result of some order, rule, regulation, requisition or necessity of the government, or as the result of any other cause whatsoever beyond the control of Lessee, the time of such delay or interruption shall not be counted against Lessee, anything in this lease to the contrary notwithstanding. All express or implied covenants of this lease shall be subject to all Federal and State Laws, Executive Orders, Rules or Regulations, and this lease shall not be terminated, in whole or in part, nor Lessee held liable in damages for failure to comply therewith, if compliance is prevented by, or if such failure is the result of any such Law, Order, Rule or Regulation.
- Lessee shall have the right at any time during the term of this lease or after the expiration or termination thereof to remove all machinery, fixtures, pipe lines, houses, buildings, and other structures placed on said premises, including the right to pull and remove all casing and tubing.
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- Lessee shall have the right to assign this lease or any interest and the assignee of Lessee shall have corresponding rights, privileges, and obligations with respect to said royalties and rentals as to the acreage assigned to it.
- Lessee shall upon completion of the first productive well upon said premises make a diligent effort to obtain a pipeline connection but any delay shall not be counted against the Lessee provided Lessee shall resume delay rental payments for quarterly periods, beginning one year from the date that the first productive well shall be completed until said first well shall be connected to a pipeline.
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- It is agreed that said Lessee may drill or not drill on said land as it may elect, and the consideration and rentals paid and to be paid hereunder constitute adequate compensation for such privilege.
- It is agreed that said Lessee shall have the privilege of using free of charge sufficient water, oil and gas from the said premises to run all machinery necessary for drilling and operations thereon, and at any time to remove all machinery and fixtures placed on said premises.
- No well shall be drilled by Lessee within 200 feet of the dwelling house or barn now on said premises, except by consent of Lessor.
- The leased premises may be fully and freely used by Lessor for any purpose, excepting such parts as are 16. used by Lessee in operation hereunder.
- Lessee shall pay Lessor for all damages to growing crops, fences or trees caused by Lessee's operations and. shall bury all permanent pipelines below plow depth through cultivated areas upon request of Lessor or within Sprease length of time thereafter.
- This instrument may be executed in counterparts each having the same validity as if the original should any one or more of the parties named as Lessor fail to execute this lease, it shall nevertheless be binding upon all such parties who do execute it as Lessor. who do execute it as Lessor.

19. For the our pose of conserving the interest of the parties hereto and protecting said premises and the oil or gas field within which the same are included from unnecessary and wasteful drilling and undue depletion of its resources, Lessor further grants to the Lessee, its heirs and assigns, the right to consolidate the above described premises or any part thereof as the option of Lessee with others to form a unit not to exceed 640 acres for development to the same effect as it said premises together with others in the area had been jointly leased by various Lessors to the Lessee as a single undivided tract and in such event Lessor agrees to accept in lieu of the royalty hereinbefore recited, such proportion of one-eighth (1/8) of the oil or gas marketed from the unitized area as his preage included therein bears to the total acreage of the unitized area, bessee may give notice to Lessor of such consolidation by mail to the above address of by filing a declaration of record describing the properties so consolidated or unitized.

This lease covers one sixth interest in the above described tract.

All the terms, conditions, limitations and covenants herein contained shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, successors, personal representatives and assigns, but no representations other than those herein contained shall be binding on either party.

IN WITNESS WHEREOF, the parties to this agreement have hereunto set their hands and seals the day and year first above written

above written.	Auc	
* margnerito Baloley	WERR O	(Seal)
X made Coco.	OH T	_
008 **	W. C. H.	(Seal)
	_	_
		(Seal)

Attest:	Hydrocarbon Energies, Inc.
Jany Grubb, Vice-President	Alvin Sorcan; President (7, 3 %)
TO THE POT NIA	고양하다 맛있었다. 그리다 내가 있는 아니는 아니는 아니는 아니는 아니는 아니는 아니는 아니는 아니는 아니

STATE OF WEST VIRGINIA

COUNTY OF UPSHUR

I, Louis A. Ferrari, a Notary Public in and for the County of Upshur and State aforesaid, do certify that Alvin Sorcan (President-Hydrocarbon Energies, whose name has signed to the writing above, bearing date the $5^{\frac{11}{100}}$ day of $5^{\frac{11}{1000}}$ 1982, has this day acknowledged the same before me in my said County and State aforesaid. Given under my hand and Official Seal this 15th day of August, 198 Z. My Commission Expires Dec. 15, 1990.

7. UNABLE TO DELIVER BECAUSE: GNATURE have received the article described above. TYPE OF SERVICE:

| REGISTERED | INSURED | COD | CENTIFIED | COD | ☐ Show to whom, date, and address of delivery...
☐ RESTRICTED DELIVERY
(The restricted delivery fee is charged in addition to the return receipt fee.) The following service is requested (check one) SENDER: Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space Show to whom and date delivered ... ARTICLE ADDRESSED TO: (Always obtain signature of addressee or agent) ADDRESSEE'S ADDRESS (Only if requested) DATE OF DELIVERY P.O. Box 386 Clay DEvelopment Shinnston (CONSULT POSTMASTER FOR FEES) on reverse. ☐ Addressee W.V. 2643/ P754 105 ARTICLE NUMBER ☐ Authorized agent TOTAL INITIALS POSTMARK 378 No 3,4ght & GAS OF Balsley -JEH #Z Balsley JUN 2 6 1954 **FEII** * U.S.G.P.O. 1983-403-517 PS Form 3800, Feb. 1982

Street and No. Box 384 Sent to CLAY DEVELOPMEN Special Delivery Fee Shinnston W.VA. 2453 Certified Fee Return Receipt Showing to whom and Date Delivered Restricted Delivery Fee Postage Date, and Address of Delivery Postmark or Dale TOTAL Postage and Fees' RECEIPT FOR CERTIFIED MAIL NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL D U.S. PUSIAGE 754 105 (See Reverse) 3 37B JU: 23'84 SAISIE1-JEH #2 BAISLEY NO 3, 4, 5

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OIL & GAS DIVISION	FIED MAIL	AND CERT	SURE	и стенер, и	EGIS	RECEIPT, R	н ияптэя			Dec. 1980	PS Form 3811,
DECEIVED PROPERTY OF THE PROPE	7. UNABLE TO DELIVER BECAUSE: 78. EMPLOYEE'S INITIALS	6. ADDRESSEE'S ADDRESS (Only if requested)	DATE OF DELIVERY POSTMARK	SIGNATURE Addressee Authorized agent	ain signature of ad	A TYPE OF SERVICE: REGISTERED INSURED CERTIFIED COD EXPRESS MAIL P 360 630 466	Spains St. Spains St. Signary W.VA. 26554	TOTAL \$	of delivery¢	(CONSULT POSTMASTER FOR FEES) 1. The following service is requested (check one). Show to whom and date delivered	• SENDI
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DATE OF DELIVERY A ADDRESSET'S ADDRESS (Only if required)		Service ERED EN MAIL	SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse. (CONSULT POSTMASTER FOR FEES) 1. The following service is requested (check one). Show to whom and date delivered
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