FILE COPY



1)	Date:_	Fe	bruary	5			_, 19_	84
2)	Operat		TATATTATA	TC	NO	ONTE	1)(-)([MAO
	Well N	0	WATKI	VS	NO.	ONE	36 1600	4219 VB N

3) API Well No. 47 - 035 - 1932 State County Permit

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

5) LOCATIO6) WELL OP Address		vation: _	641				LOCICO Dino		
	Dis		~ 1			_ Watershed: _	Jesse Run		
		trict:	Grant		_	County:	Jackson		Pond Creek
A ddmos	ERATOR_				Gas			DAGENT H D We	
Address	·		ox 178				Address		ox 1785
			eston,	PER AND SANTE					eston, WV
8) OIL & GA				FIED			9) DRILLING C	ONTRACTOR: NT HURT & ASS	COCTATION
	ERRY T	1. Bo		7		 -		Elkview	COCOCOCOCO
Address	100 m		372-68				Address	EIKVIEW	(CENNIEM
			Drill_X		/ D.:II		(D. J.:11	/ Stimulate	
(0) PROPOSE	D WELL	WORK:			_/ Drill		ate new formation	1818	1004
							ate new formation		FEB 0 - 1984
1) GEOLOG	CAL TAR	CET FOR							8 GAS DIVISION
12) Estima				40	00'	feet		01	
13) Appro					601		1100'	feet DEF	PT. OF MINES
14) Appro					n/a		al being mined in th		/ No_XXX /
15) CASING									
CASING OR			IFICATIONS	S	11	FOOTAGE	NTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor	Size	Grade	per it.	146#	Oscu	1 of drining	Delt in wen	(Cubic reet)	Kinds
Fresh water	8-5/8	J-55	26	X		3001	3001	Circ. to sur	ATEA
Coal	0 0/0	0 00			197	Jov	300	OLICE CO DOI	Sizes
Intermediate	7			X		20001	20001	1000' fill u	T
Production	4-1/2			X		4000'	40001		Depths set
Tubing						LUSE ONLY	DIHJO	or as i	rea. by rule 15.
Liners									Perforations.
		enoite	gzai gu	wolle	Lynes	OCCUPTED CES 31	lates of certain	His to record the	Top Bottom
	Date						ale - ali	d	-4
				(2)00	<u>Josephii</u>	gawalla't			polication received.
						OFFICE USE		1	
						DRILLING PE	RMIT		elt work started
Permit number_	47-	-035-1	932					Februar	
					128		to the property of the same	Dat	tentituti on to nortaliquio
This permit cov	ering the w	ell operato	or and wel	l locatio	on shown	below is evidence	of permission grant	ed to drill in accordan	ace with the pertinent legal re-
									l and Gas Inspector, (Refer to
No. 8) Prior to	he construc	ction of ro	ads, locat	ions and	d pits for a	any permitted work ork has commence	In addition, the v	vell operator or his con	tractor shall notify the proper
The permitted we everse hereof.	ork is as de	escribed in	the Notic	e and A	pplication	i, plat, and reclam	ation plan, subject	to any modifications a	nd conditions specified on the
Permit expires	Feb	ruary	10, 1	986		unless wel	work is commence	d prior to that date and	prosecuted with due diligence.
erinit expires						uniess wer	WOLK IS COMMITTED CO.	a prior to that date and	THER INSPECTIONS
				6 .					
Bond:	Agen	t:•]	Plat:	Casin	ıg	Fee			keason:
BLANKET	01) /	na	m	120	668		-//	/
	1	1 10 10	114				1/1	1	1 102035
							Adn	ninistrator, Office of C	Dil and Gas

09/08/2023

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

Reason:

Administrator, Office of Oil and Gas

Permit



ORMANDAE) LILE COPY

	1/15	OFFI	CE USE ONLY	ELANTHAGA COMMUNICATION	ry a		
PERMIT MO	ODIFICATIONS	AND CONDIT	IONS (IF ANY)	TO THE	PROPOSED	WELL WOL	OKT 138V A
Shallow E A	Z Deep		Underground M	, io mil	s', Production		AK s. data(s) (s
			Watershed		11 140 N		A LOCATION
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	NOT SAFE	Name Cal					
(415 15 57 57 51 5 HO)		Address			194 101-X	1	
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480 - 1811		e new formation		nolingation bi	Ping off o		
			well (specify)				
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	OR SACKS		gnilling to 3	School was			
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-11 31 19 J. Fort - 120	1 77 10	OFFIC	E USE UNLI		+		The goods
This part of Form IV-2(h) is to record the	dates of certain	n Occurrences an	d any follo	w un inchecti	one	
	o) is to record the	dutes of certain	occurrences an	id ally folic	w-up mspecti	olis.	
1		Date				Date	e(s)
							~
Application received			Follow-up	inspection	(s)		
			JEFFICH USE O	<i>?</i>			
Well work started		1.REVII	DRILLEING PER	,,		TAN OF I	
Completion of the drilling	yasındeği e						rmii namber
			,,	,,			
e with the pertinent icknife."		permission granted	to especially a world	ation shown	retor and well low		ils permit caveri termente danien
Well Record received	l eperator er his contr	in eddicion, the wel	the permitted work.	anee pits for a	emodapots, ababa 4		
			ork has commenced.	permitted wi	ours perore actua	amspector 24 h	trict oil and gas
Reclamation completed	any modifications an	ion plan, subject to	national contains	d emplication	d in the Notice at	k is as describe	
researted with one dilinence.					Bel Wilde		rense horeof.
OTHER INSPECTIONS		TAXON SALISMAN SELVICE					- tonight mill
						K	
Reason:			257	BEILI B	Plat:	A Reprinc	Bond:

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

FORM IV-2(A) 1) Date: February 1 .1984 Obverse 2) Operator's [8-83] Well No. Watkins No. 1 3) API Well No. 47 035 - 1932 State County Permit STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS NOTICE OF APPLICATION FOR A WELL WORK PERMIT 4) SURFACE OWNER(S) OF RECORD TO BE SERVED 5(i) COAL OPERATOR (i) Name L. E. Burdette Address Address Murraysville, WV 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD: (ii) Name Address Address Name (iii) Name Address Address 5(iii) COAL LESSEE WITH DECLARATION ON RECORD: Address TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents: (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program; (2) The plat (surveyor's map) showing the well location on Form IV-6; and (3) The Construction and Reclamation Plan on Form IV-9)unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road. THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS RECARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator. 6) EXTRACTION RIGHTS Check and provide one of the following: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.

The requirement of Code 22-4-1-(c)(1) through (4). (See reverse side for specifics.) OIL & GAS DIVISION 7) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or leases DEPT. of MINES or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and The truth of the information on the H. D. Wells Oil & Gas WELL Notice and Application is verified Exploration & Development, Inc. OPERATOR and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by Vts President H. D. Wells III Address P. O. Box 1785 this 7 day of February 19 84 Charleston, WV 25326 My commission expires 9-22 Telephone304-346-2829

Notary Public

State of West Virginia

09/08/2023

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

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

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

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the 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, lesso	or, etc.	Grantee	lessee, etc.		Royalty	Book I	Page
L.	E. Burdett	e	H. D. V	Wells Oil &	Gas	12.5%	182	532

IV-9 (Rev 8-81)



DATE February 1, 1984

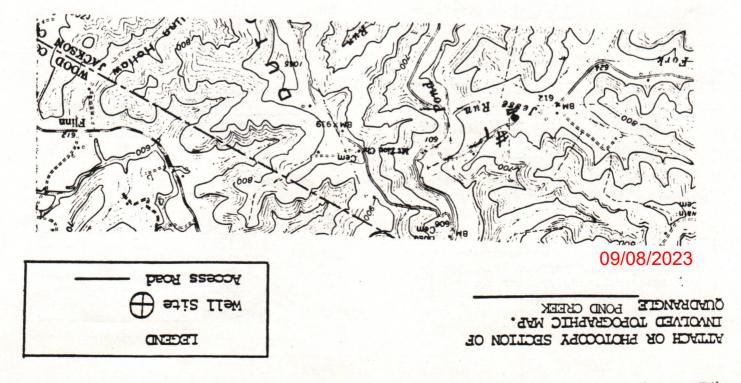
WELL NO. Watkins No. One

Bepartment of Mines Gil and Gas Bivision

State of Mest Hirginia API NO. 47 - 035 - 1932

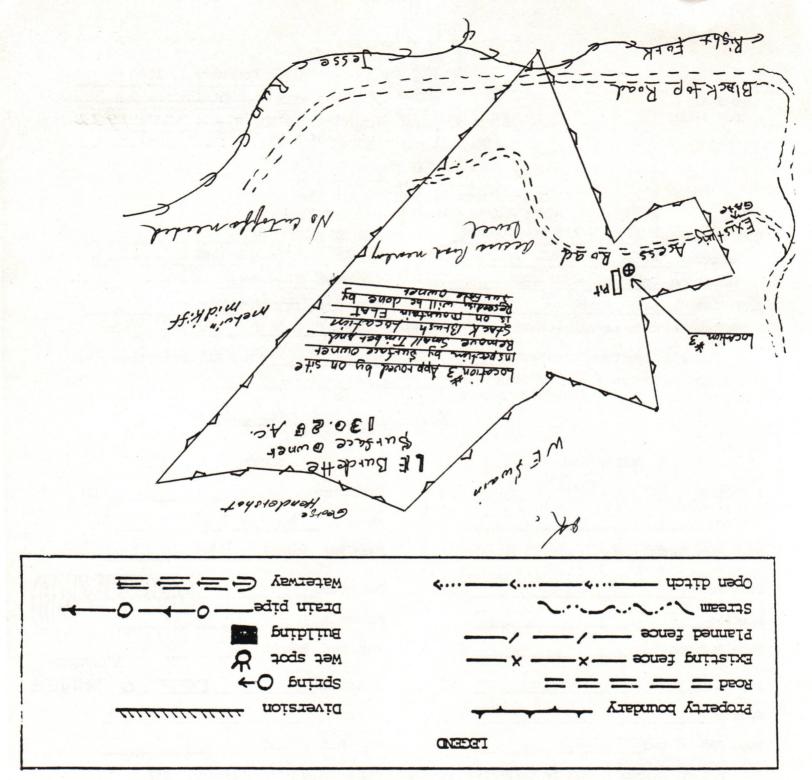
CONSTRUCTION AND RECLAMATION PLAN

H. D. Wells Oil & Gas				
COMPANY NAME Exploration & Developmen	it I	DESIGNATED	AGENT H. D. Well	ls III
Address P. O. Box 1785		Address_	P. O. Box 1785	
Telephone Charleston 346-2829		Telephon	e Charleston 34	5–2829
L. E. Burdette		SOIL CON	s. DISTRICT West	ern
Revegetation to be carried out by	H. D. We	lls Oil &	Gas, H. D. Wells	III (Agent)
This plan has been reviewed by	6/0	ton	SCD. All	corrections
and additions become a part of this pla	in: 7	Tab. 5	1984	
	Ma	Date pre ly (SCD Ac	1. Angles	
ACCESS ROAD			LOCATION	
Structure Drainage Ditch	(A)	Structur	re	(1)
Spacing		Material	Earthen	
Page Ref. Manual 1:5		Page Ref	. Manual 1:1	1
Structure	(B)	Structur	e	DECENTE
Spacing		Material		FEB () = 1984
Page Ref. Manual		Page Ref	. Manual_	OIL & GAS DIVISIO
Structure	(C)	Structur	e D	EPT. OF MAN
Spacing		Material		
Page Ref. Manual		Page Ref	. Manual	
All structures should be inspected commercial timber is to be cut and s cut and removed from the site before	tacked a	nd all brus rk begins.		
Treatment Area I			Treatment Area	ш
time Rute 4 Tons/acco	æ	Lime		Tons/acre
or correct to pH 6.5			rrect to pH 6.5	
ertilizer 600 lbs/acre (10-20-20 or equivalent)	1	Fertiliz	er	600 lbs/acre uivalent)
tulch Hay Tons/acc		Mulch_	Hay	Tons/acre
eed* Orchard Grass 20 lbs/acre		Seed*	Orchard Grass	20 lbs/acre
Rye Grass 6 lbs/acre			Rye Grass	6 lbs/acre
Red Clover 10 lbs/acre			Red Clover	10 lbs/acre
*Inoculate all legumes such as vetch noculate with 3% recommended amount.			rs with the prope	r bacterium.
			Box 1785	
NOTES: Please request landowners' ecoperation to protect new		ADDRESS	Charleston, WV	09/08/2023
seedling for one growing season. Attach separate sheets as		7	At fur	Miles.
necessary for comments.		PHONE NO.	346-2829	



WEIL STITE 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 jart of this plan. Include all natural drainage.





	12.7	ONE	100 m	130	TTS.	100	all No	, v	
G85 V F A	4000		03	100			ell No Pl We		

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

	Constitution .	auon.	Grant	LLEFOR.		County:	Jesse Run Jackson	Quadrangle:	Pond Creek
	Dist	ITICL:	lls Oi	1 4 (las .	Manufact Sandada	7) DESIGNAT	ED AGENT H D Wel	ls III
WELL OPE	RATOR	O Bo	-		orale all	ter cannons s	Address	THE REAL PROPERTY OF THE PERSON	1193 ARTE TO
Address	Sena et (harle	ston,	Wind	e general cu	in objective total	gett, weed startbasse it.	more cheries	DOR, WV
OIL & GAS	INSPEC	TOR TO I	BE NOTI	FIED	ALC: THE	na ar gaine ann a Iomraid L'au t dh	9) DRILLING	CONTRACTOR:	CTATES
Name JE	RRY TE	ADOCK					Name Address	Elkview	
Address	Din	Low 3	72-680		Control of the Contro	e beneroka telah mendidi.	rich de la company de la compa	data ta ina dahatan sa	THE RESERVE TO THE PARTY OF THE
Mariana Company	agradie de la company		Drill		/ Drill	deeper	/ Redrill_	/ Stimulate D	
PROPOSE	D WELL	WORK:	Plug of	ff old f	ormation		forate new format	ion	
				hysical	change i	n well (specify)_	10000000	Second 1	FFB 17 - 1734
GEOLOGI	CAL TAR	GET FOR	MATION	100v		Shale	A service of the state of		in the second
12) Estima	ted depth	of complet	ed well,	- 1000000000000000000000000000000000000	01 200	and the second second	salt. 1100	feet.	OIL & CAS DIVISION
	ximate trat			7,700,750	n/a		s coal being mined in	the area? Yes	No xoor IN
14) Appro	ximate coa	NG PRO	GRAM		27 F3	A Property of the	100 81 (20 11)		
SING OR	IIID TOD.		CIFICATION	is .		FOOTA	GE INTERVALS	CEMENT FILL-UP OR SACKS	PACKERS
BING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
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aterials. For execution AME: By Its.		11.54 11.54			Date		Fran	(Signature) (Signature)	rdattoate: 2-1

This paying the visit of the con-

2 24 84

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

INSPECTOR'S WELL REPORT

			(KII	Gas Well
mpany_H.D.Wells	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
dress	Size			
Burdette (Watkins)	16			Kind of Packer
ill No	13		Andread a resident	
	10			Size of
trictCounty_Jackson	81/4	reff or expenses a		
lling commenced	65%			Depth set
ling completedTotal depth	5 3/16	*		
	3			Perf. top
e shotDepth of shot	_ 2	77	10 10 10 10 14g 1	Perf. bottom
al open flow/10ths Water inIncl	Liners Used	er		Perf. top
n flow after tubing/10ths Merc. inInch		* - × - × - × - ×		Perf. bottom
cCu. Ft.	. CASING CEMEN			No. FTD:
bbls., 1st 24 hrs.		COUNTERED A	.T	FEETINCHE
vaterfeetfeet	FEET	INCHE	S	
rfeet		INCHE	SI	FEETINCHE
rfeetfeet	FEET_	INCHE	SF	EETINCHE
Names				
rks:				
Building location				
Inspected with SCD Chairman	Wavne Hugha	Q		
		~•		

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

rmit No		·		Wel	Ne	
MPANY			ADDRESS			
RM			C			
ing Material Used						
er Loc	ation	Amount	Packer	Location		eagree 12
	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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Remarks:			The second second	and when the state of		
		*				
DATE	. I hereby certify I	visited the a	bove well on this date.			
					09/08/	0000

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

INSPECTOR'S WELL REPORTEPT. OF MINES

Permit No. <u>U55 1952</u>		The seeing to 1 to 80		r Gas Well	
Company H. D. Wells	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACE	CERS
Address	Size				
FarmL.E.Burdette	16		4	Kind of Pac	ker
Well No	13				-
well INO.	10			Size of	
District Grant County Jackson	81/4				1
Drilling commenced 3 4 84	6%		-	_ Depth set_	
D. 111	5 3/16				
Drilling completedTotal depth	3			Perf. top	
Date shotDepth of shot	_ 2			Perf. botton	ı
Initial open flow/10ths Water inIn	ch Liners Used			Perf. top	
*				Perf. botton	1
Open flow after tubing/10ths Merc. inInd					
VolumeCu. F	t. CASING CEME	NTED	SIZE	No. FT	Dat
Rock pressure lbs hr	NAME OF SER	VICE COMPA	NY		3
Oilbbls., 1st 24 hr					= _
	A	COUNTERED	AT	_FEET	INCHES
Fresh waterfeetfe	etFEET_	INCH	ES	FEET	INCHES
Salt water feet fee	et FEET_	INCH	ES	FEET	INCHES
Drillers' Names Hurt Rig 4 Junior Arc	her				the color of the first concentration and the concentration and the color of the col
Remarks:			Titles in the common and a superior		
3 4 84 Spud Date					

3 5 84 Ran 7 jts off 9 5/8 csg set 301' kb cemented by dowell with 100 sacs off regular neat plug down 1:30

3 6 84 Drilling 8 1/2" hole at 1347.

09/08/2023

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

OMPANY			ADDRESS				
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illing Material Used					* *		
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VA CONTRACTOR OF THE RESERVE OF THE	ND DEPTH PLACED		BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS	

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	I hamahu wantidu Y w		ve well on this date.				



State of West Birginia

Bepartment of Mines Gil and Gas Bivision

Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT 035-1932



OIL & GAS DIVISION
DEPT. OF MINES

COMPANY	H. D. Wells Oil & Gas	PERMIT NO _	035	5-1932
P. 0.	Box 1785	FARM & WELL	, но	Watkins #1
Charl	eston, West Virginia 25326	DIST. & COU	NTY _	Grant/Jackson
			IN CO	MPLIANCE
RULE	DESCRIPTION		YES	NO NO
23.06	Notification Prior to Starting Work			X
25.04	Prepared before Drilling to Prevent V	Naste		
25.03	High-Pressure Drilling			
16.01	Required Permits at Wellsite			X
15.03	Adequate Fresh Water Casing		X	
15.02	Adequate Coal Casing			
15.01	Adequate Production Casing		X	
15.04	Adequate Cement Strength		V	
15.05	Cement Type		X	
23.02	Maintained Access Roads		X	
25.01	Necessary Equipment to Prevent Waste		×	
23.04	Reclaimed Drilling Pits		X	
23.05	No Surface or Underground Pollution		X	
23.07	Requirements for Production & Gather:	ing Pipelines	X	
16.01	Well Records on Site			
16.02	Well Records Filed			
7.05	Identification Markings		. X	
I HAVE I	NSPECTED THE ABOVE CAPTIONED WELL AND	RECOMMEND THA	T IT E	BE RELEASED:
	•	SIGNED	lein	7 Tophalai
		DATE	1	11 85
with Cha	l record was received and reclamation opter 22, Article 4, Section 2, the above for the life of the well.	Administrat	remain cor-Oil	
			DATE	, , , , , , , , , , , , , , , , , , , ,

IV-27 9-83





OIL & GAS DIVISION

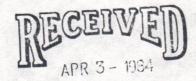
STATE OF WEST VIRGINIA DEPT. OF MINES DEPARTMENT OF MINES

Date: 3	16 84
Well No:	L.E. Burdette
API NO:	47 - 035 1932
S	tate County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE:	Oil X / Gas X Liquid Inj	jection/ Waste	e Disposal/
	Of "Gas" - Production x / S	storage/ Deep_	/ Shallow/
LOCATION:	Elevation: 641 Watershe	ed: Pond Cre	ek Jesse Run
	District: Grant County:	Jackson(Quadrangle: Pond Creek
WELL OPERATO	OR H D Wells	DESIGNATED AGENT	H D Wells
Addre	ssBox 1785	Address	Box 1785
	Chas WV 25326		Chas WV 25326
	The above well is being post	ed this 16 day o	of <u>March</u> , 19 <u>84</u> , for a
violation o	f Code 22-4-12 and/or Regulat (USE REVERSE SIDE OF		
Drilling 1	Pits and Sites shall be co	onstructed and m	aintained to confine ALL
materials	leaked or spilled as a re	esult of drillin	ng operations. A large
overflow:	from the location traveled	d approximately	500 feet to the stream. Thi
must be c	leaned up and returned to	the location.	
A copy	of this notice has been poste	ed at the well site	e and sent by certified or
	mail to the indicated well ope		
	e hereby granted until 3 23		
	e to abate the violation may r		
	7 or Code 22-4-18.		
		Jemph pil and	Tephabrih d Gas Inspector
		Address RT	1, Box 101-A
			Ripley, WV 25271
		304	372 6805
		Telephone	:09/08/2023

FORM IV-31 9-83



OIL & GAS DIVISION
DEPT. OF MINES

Date:3	26 8	4		
Operator's Well Number	L.E.	Burdet	te	
API Well No.:	47	- 035	1932)
	State	Coun	tv	Permit

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

NOTICE OF ABATEMENT

WELL TYPE:	Oil/ Gas/ Liquid Injection/ Waste disposal/
LOCATION:	Underground If "Gas" - Production_X
	District: Grant County: Jackson Quadrangle: Pond Creek
WELL OPERATOR	H D Wells DESIGNATED AGENT H D Wells
Address	
	Chas WV 25326 Chas WV 25326
on 3 26 84 The violation of Violation'' X	given that the undersigned authorized oil and gas inspector made a special inspection of the above named well, 19, 03 f Code § 22 4 22 23 04 heretofore found to exist on 3 16 84, 19, by Form IV-27, "Notice/ Form IV-28, "Imminent Danger Order"/ of that date has been totally abated. If the abated violation was found by or Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may
COMMENTS	
V	iolation abated
A copy of this	notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated
agent.	Oil and Gas Inspector
	Address Rt 1, Box 101-A
	Ripley, WV 25271
	Telephone 304 372 6805
	JOY JI'L 0009

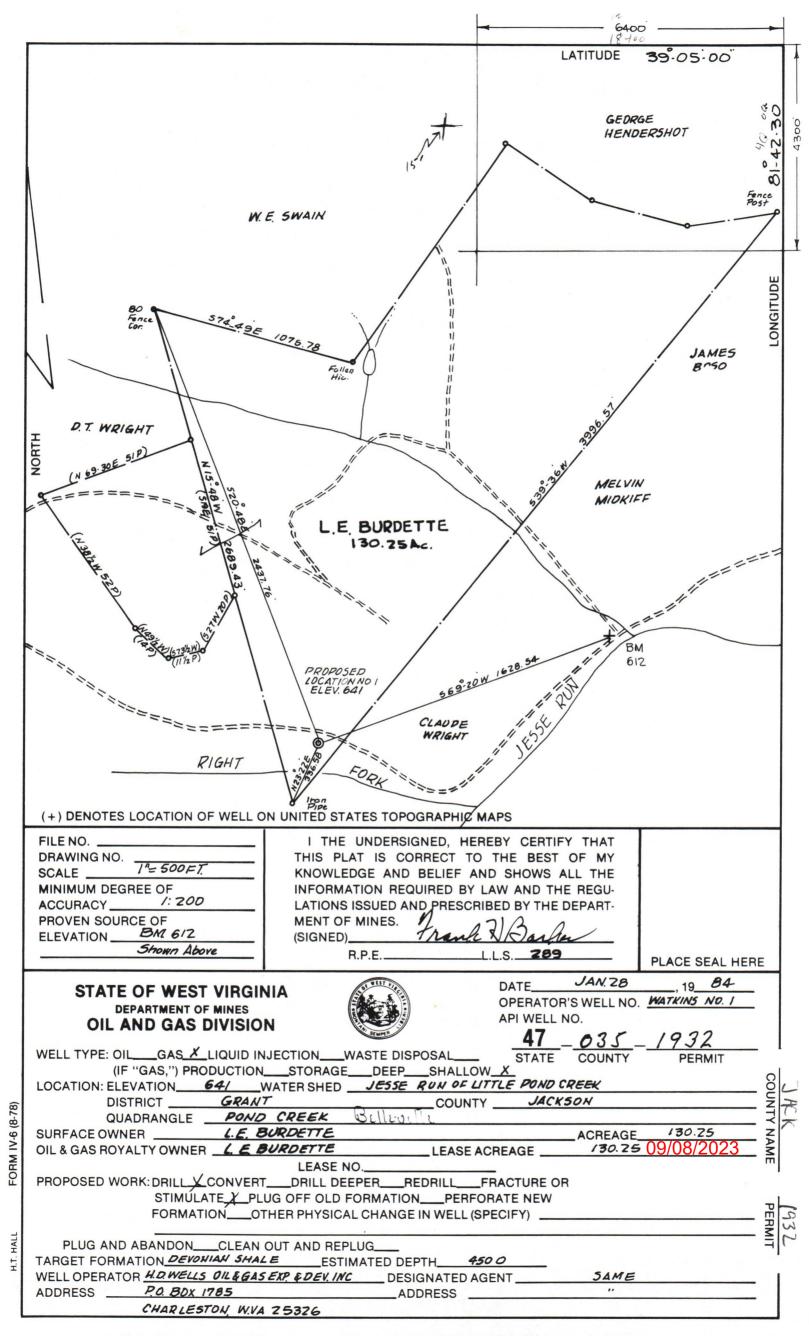
FORM IV-31 9-83





OIL & GAS DIVISION DEPT. OF MINES

WEST VIRGINIA	STATE OF		
ES, OIL AND GAS DIVISION	RTMENT OF MIN	DEPA	
YIA YACINT A CLA	IO TOLTOU		
EABATEMENT	10 30110W		
Waste disposal	Liquid Injection_ Underground	y_esDiiO	WELL TYPE:
Deep / Shallow /		If "Gas" - Production_Z_	LOGATION
ed: Jesse Mun Jackson Cuadrangle: Fond Creek	- Watershi	Elevation: 041 District: Grant	SAGIA ROCO
DESIGNATED AGENT L. D. D. C. T.		allen G H	WELL OPERATOR
Address		Dox 1785	Address
Chas UV 253226		Chair "W 25526	
nd gas inspector made a special inspection of the above named well	ie ilo paznomne pang	istanno ani tont navig you	18 6 <u>2 6</u> 10
to exist on 3 16 (M) 19 by Form (V 27, "Notice of that date has been rotally abated. If the abated violation was found by	Danger Order"	Form IV-28, "Imminent	of Violation (
nem is hereby rescinded, and the well operator is hereby notified that he may	to cease, such requirem		an Imminent Dange resume operations.
			COMMENTS
		nolation abster	
certified or registered mail to the indicated well operator or his designated	od trias bije etis ilevu o	it ta harzon need ann anton	
			Egent.
J. J			
Cili and Gas Inspector			
Address Rt 3, Sox 101-A			
17868 VV . 69 Mrs			
Telephone 304 572 3805			





1) 1	Date:			, 19	04
2) (Operator's				
	Well No.	ALK LINE	NO. ON	R 160	PARTY.
3) /	API Well No.	47	035	25.50	100000-100
		State	Coun	ty	Dermit

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

6) WELL OP	A STATE OF THE PARTY OF THE PAR	evation: _	Grant	111/1		Carlot State of the Control of the C	Jesse Run	Company of the second	
O) WELL UP.	D	istrict:	ells O	100	Gas	County:	Jackson -	Quadrangle:	Pond Creek
Address		750	x 178			e de la collec de de desta		DAGENT H D We	
Address	e de <u>alla se</u> La sengra	Charle	Sec. Residence		n service.	<u>i y a de</u> legación de la company de la compa	Address	ners an Charle	The state of the s
OIL & GA	S INCOR				3640.79	ille io gianti cic in	a bours	The state of the s	SUCRE SEC.
		HABOO	Comme			lines K, w. abs		CONTRACTOR:	CIATES
Address			× 101-		Horr Street	and hard all the bearing	Address	Eliview	
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) PROPOSE	D WELL	WORK:	Drill	X	J Dril	deeper	/ Redrill	Stimulate	1111/2
			Plug c	off old i	formatio	n/ Perf	orate new formation	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		STATE OF THE STATE	Other			n well (specify)	In Protection	and the second second	Maria de Maria D
) GEOLOGI	CAL TAR	GET FOR	MATION	V		Shale		lense	FEB 4 - 1184
12) Estima	ted depth	of complet	ted well,	400	the state of the state of the state of	fer the state of t			P FIVISION
a 13) Approx	ximate tra	ta depths:	Fresh, _	A May	0° and	feet; sa	dt, 1100'	feet.	DIL & CAS DIVISION
14) Approx	ximate coa	al seam dep	oths:		n/a	ls c	coal being mined in th	e area? Yes	NOMOWINES
CASING A	ND TUB	ING PRO	GRAM	4			SULPRI DOLL		
CASING OR TUBING TYPE		SPEC	CIFICATION	is t		FOOTAGI	INTERVALS	CEMENT FILL-UP	PACKERS
IUBING TAPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
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	The l	aw require	s a comn	ent perio	oa for su	riace owners. How	vever, the permit can	be issued in less than	15 days from
	the filing	of the App	lication if	the surfa	ace owne	r(s) of record sign(s) the following "Vol	luntary Statement of No	Objection"
200 T	the filing	of the App	lication if	the surfa	ace owne	r(s) of record sign(the Application.	s) the following "Vol	untary Statement of No	Objection"
	the filing	of the App	lication if	the surfa owner's	copy of	r(s) of record sign(the Application.	s) the following "Vol	luntary Statement of No	Objection"
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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.

10111111

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Virginia COUNTY OF Jackson :
The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of (1) Notice on Form IV-2(A) XX/ Form IV-3(A) / Form IV-4(A) / (2) Application on Form IV-2(B) XX/ Form IV-3(B) / Form IV-4(B) / (3) Plat showing the well location on Form IV-6, and (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well) all with respect to operator's Well No. Watkins No. One located in Grant District, Jackson County, West Virginia, upon the person or organization named L. E. Burdette
by delivering the same in <u>Jackson</u> County, State of West Virginia on the <u>7</u> day of <u>February</u> , 19 84 in the manner specified below.
[COMPLETE THE APPROPRIATE SECTION]
For an individual:
[XX] Handing it to him X / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.
[] Handing it to a member of his or her family above the age of 16 years named who resides at the usual place of abode of the person to be served, and asking the family member to gi it to the person to be served as soon as possible.
For a partnership: [] Handing it to
For a limited partnership: [] Handing it to the general partner, named, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.
For a corporation: [] Handing it to the corporation's employee / officer / director attorney in fact / named .
RECEIVED (Signature of person executing service)
OIL & GAS DIVISION Taken, subscribed and sworn before me this 8 day of February, 1984. DEPT. My commission expires Sept 22, 1991 College A: C
(AFFIX SEAL IF NOTABLIZED IF OUTSIDE THE STATE) Motary Public



IV-35 (Rev 8-81)

State of Mest Wirginia

Bepartment of Mines Bil and Gas Bivision

Date	3/21/84
Operato	r's
Well No	. Watkins #1
Farm_	Watkins
ADT No	47 - 025 - 1022

WELL OPERATOR'S REPORT OF

RECEIVE

DRILLING, FRACTURING AND/OR STIN	MULATING, C	R PHYSICA		
WELL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production / Undergro	on/Wast ound Storag	e Disposa ge/ Dee		& GAS DIVISI
LOCATION: Elevation: 641 Watershed	Jesse Run			
District: Grant County Jac	kson	Quadrangl	e Pond C	reek
COMPANY H. D. Wells Oil & Gas	-	·	r	Ta
ADDRESS P.O. Box 1785, Charleston, WV 25326	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT same	Tubing	Drilling	in Well	
ADDRESS same	Size			
SURFACE OWNER L. E. & Frances Burdette	20-16 Cond.			
ADDRESS Murraysville, WV 26153	13-10"		,	10 pt
MINERAL RIGHTS OWNER same	9 5/8		301	surface
ADDRESS same	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Jerry	7		1,880	1,000
Tephabock ADDRESS Ripley, WV 25271	5 1/2			
PERMIT ISSUED 2/5/84	4 1/2		3,707	1,000
DRILLING COMMENCED 3/3/84	3			
DRILLING COMPLETED 3/8/84	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Dev. Shale		Dept	th 3,721	feet
Depth of completed well 3.721 feet	Rotary X			
Water strata depth: Fresh 60 feet;				
Coal seam depths: None			ed in the	area?_No_
OPEN FLOW DATA				
Producing formation Dev. Shale	Pay	zone dept	h 3,450	feet
Gas: Initial open flow Show Mcf/d	Oil: Ini	tial open	flow Nor	ne Bbl/d
Final open flow 40,000 Mcf/d	Fin	al open fi	Low_Non	ne Bbl/d
Time of open flow between init	ial and fi	nal tests	8 ho	urs
Static rock pressure 650 psig(surface	e measurem	ent) after	12 hou	rs shut in
(If applicable due to multiple completion	2)		00	10012022
Second producing formation None		zone dept		08/2023 feet
Gas: Initial open flow Mcf/d				Bbl/d
Final open flow Mcf/d				
Time of open flow between init				
Static rock pressure psig(surface				
				verse side)

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

Perf: Dev. Shale 3,450-3,470 12 holes

Frac Zone with N² 1 million SCF

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay	0	15	
Shale	15	100	Fresh water at 60 feet
Sand & Shale	100	700	
Red Rock	700	985	
Sand & Shale	985	1,100	
Salt & Sand	1,100	1,225	
Shale	1,225	1,580	
Sand	1,580	1,690	
Shale	1,690	2,056	
Berea	2,056	2,058	Gas Show
Shale	2,058	3,728	Gas Show Total Depth
		1	and the state of the state of
			or of the base of the second

(Attach separate sheets as necessary)

H. D. Wells Oil & Gas Exploration & Development, Inc. Well Operator

Date:

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 coal, encountered in the drilling of a well."