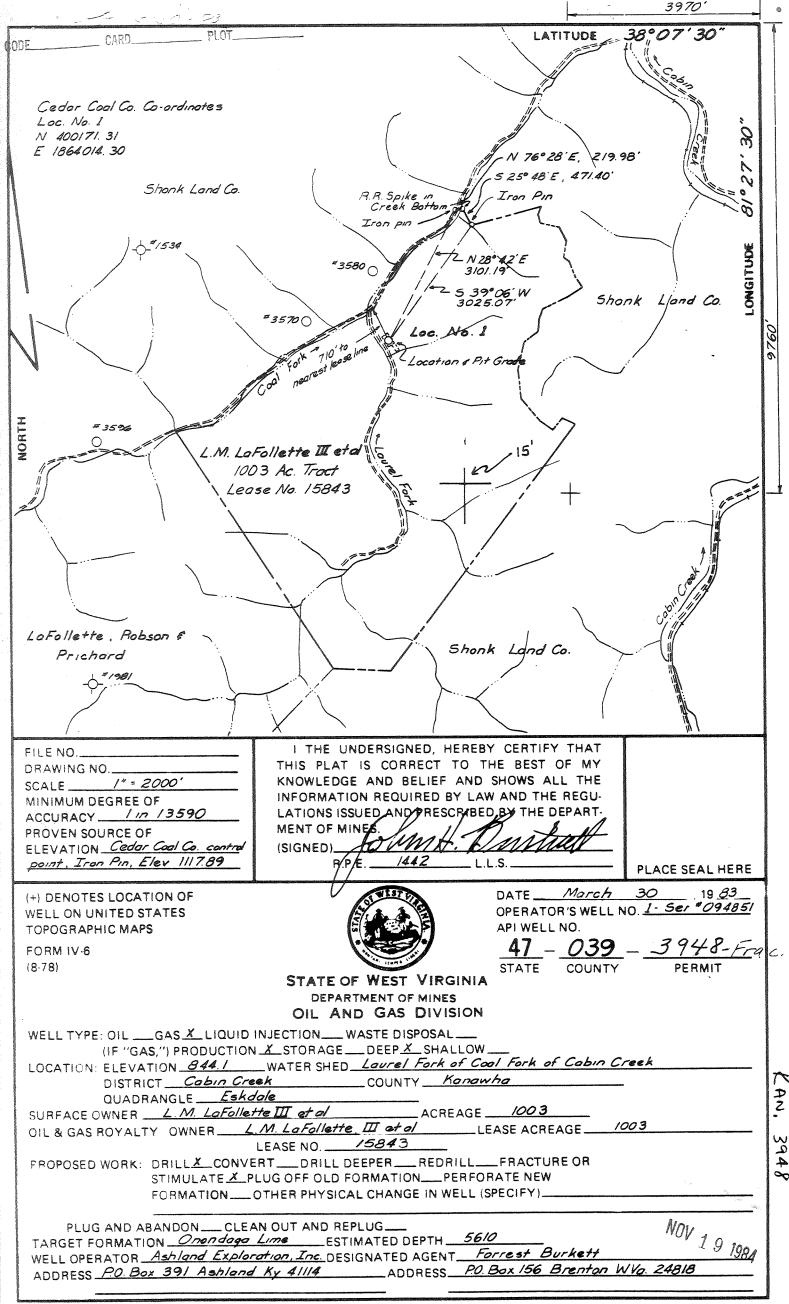
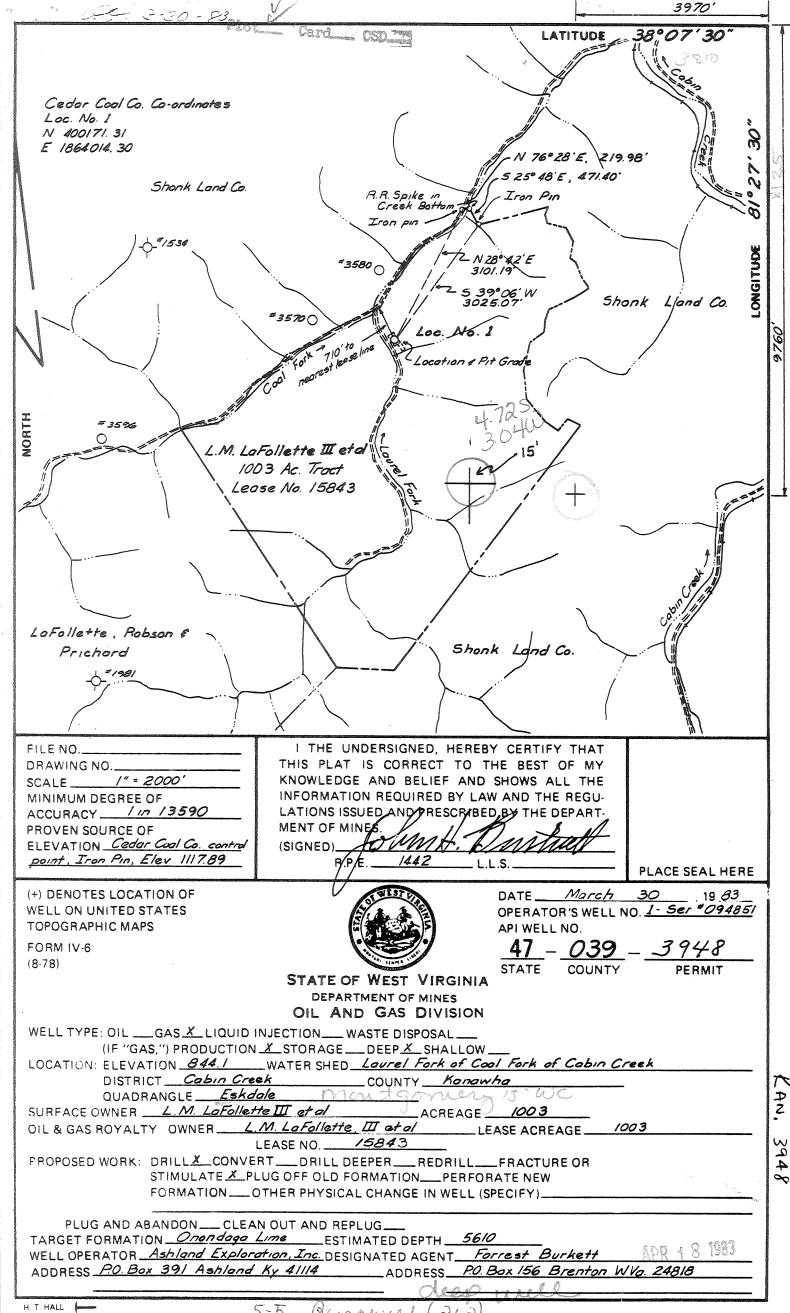


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IV-35 (Rev 8-81)

State of West Wirginia

Department of Mines noieidich and bnu liD

	Date	<u> </u>	5/2	7/8	3			
	Oper	ator	's					
r	Well	No.		'S 1 M. LaFollette				
•	Tr							
	Fam	L.	<u>M.</u>	La	<u>Folle</u>	tte		
	API	No	47		039		3948	

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

IOCATION: Elevation: 844.1' Watershed La	1 E1		1 C-1-i	in Connal
District: Cabin Creek County Kan				
Distilice, dabin of the sourcy ham	LW 114	- Reverence - 2 m	7316667	
COMPANY Ashland Exploration, Inc.				
ADDRESS P. O. Box 391, Ashland, Ky. 41114	Caşing	Used in	Left	Cement
DESIGNATED AGENT Forrest Burkett	Tubing	Drilling	in Well	fill up Cu. ft.
ADDRESS P. O. Box 156, Brenton, WV 24818	Size			
SURFACE CWNER L. M. LaFollette III etal	20-16 Cord.	49'	491	20sks
ADDRESS P. O. Box 2068, Charleston, WV 25327	13-10"	295'	295'	200sks
MINERAL RIGHTS OWNER L. M. LaFollette III, etal	9 5/8			
ADDRESS P. O. Box 2068, Charleston, WV 25327	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Craig	7	2983'	2983'	210sks
Duckworth ADDRESS Box 454, Mt. Lookout, WV	5 1/2	1 2303	2000	
PERMIT ISSUED 4/4/83 26678	4 1/2			
DRILLING COMMENCED 4/27/83	3			
DRILLING COMPLETED 5/17/83	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON				9
CONTINUOUS PROGRESSION FROM DRILLING OR REMORKING. VERBAL PERMISSION OBTAINED	Liners used			
ON				
GEOLOGICAL TARGET FORMATION Onondaga Lime	,	Dep	th 5610	feet
Depth of completed well 5550 feet	Rotary x	/ Cable	e Tools_	
Water strata depth: Fresh 425 feet;				
Coal seam depths: None	_ Is coal		ed in the	area? No
OPEN FLOW DATA Mustin Spanger All	beick			
OPEN FLOW DATA Must Senger Producing formation Devonian Shale	Par	z zone dep	th 4289.	5422 Feet
Gas: Initial open flow 119 Mcf/d				
Final open flow 60 Mcf/d				
Time of open flow between ini-				
Static rock pressure, psig(surface)				
(If applicable due to multiple completion			~	
Second producing formation				
		Δ.		
Gas: Initial open flow Mcf/d Final open flow Mcf/d				

JUNEC, 1983

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

Plug back to 5427 w/pea gravel. Load hole w/11,600# 80% Glycerine shot. Bottom bomb set @ 0411 hrs. 5/17/83. Top bomb set @ 1454 hrs. 5/16/83 Tamp w/400' pea gravel - Shot off @ 1454 hrs.

WELL LOG

	8 2	. ,	•
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and ga
Sand & Shale Shale Shale & Sand Lower Salt Sand Shale Avis Limestone Shale Upper Maxton Shale & Sand Little Lime Pencil Cave Big Lime Shale Injun Shale Upper Weir Shale Coffee Shale Lower Weir Shale Coffee Shale Berea Devonian Shale Gordon Devonian Shale Onondaga LS DTD 5548 LTD 5547	0 317 468 635 1263 1414 1447 1487 1539 1858 1912 1922 2208 2210 2259 2318 2333 2453 2462 2638 2653 2660 2899 2909 5502	317 468 635 1263 1414 1447 1487 1539 1858 1912 1922 2208 2210 2259 2318 2333 2453 2462 2638 2653 2660 2899 2909 5502 TD	Fresh wtr @ 425' Salt wtr @ 827'
4289 16.60 16.29 16.29 16.29 16.29 16.29 16.29 16.20 16.		Pays: He an an state sheets a	100 - 1289 - N 4500 100 - 1289 - N 4500 100 -

(Attach separate sheets as necessary)

ASHLAND EXPLORATION, Well Operator

1983 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 that, encountered in the drilling of a well."

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





1) Date: September 27 , 19 84
2) Operator's L. M. LaFollette, III Well No. 1, Serial No. 094851
3) API Well No. 47 - 039 - 3948 - FRAC State County Permit

	35	T 4 8	1384		_		E 7 W TO 1 V A		
				DEPA		tate of West It of Mines, Oi		IVISION	
was brought of a company	OIL &	2 GAS F	111/15101			TION FOR A WE			THE STATE OF THE S
	FDT					HON FOR A WE	LL WORK FER	IVAR A	
4) WELLTY	PE: A	iľ <u>Ur</u>	MIM	تاعا		CORN TO BUT	and read	NET CATI LITIES SUM	BUNG PERSENT
	В (І	f "Gas", l	Production	ı	X		storage		/ Shallow/)
5) LOCATIO		vation: _	844			Watershed:	Laurel Fo	ork of Coal For	k of Cabin Creek
		strict: _C				County:	Kanawha	Quadrangle:	
6) WELL OF	PERATOR	Ashla	nd Exp	<u>lora</u>	tion,	Inc 150	7) DESIGNA	TED AGENT Forre	
Addres	s	P. O.	Box 3	91			Addres	s Box 1	.56
		Ashla	nd, KY	41	114			Brent	on, WV 24818
-,	OIL & GAS INSPECTOR TO BE NOTIFIED						9) DRILLIN	G CONTRACTOR:	
Name	Rodney						NameI	<u>ri-State Well</u>	
Addres		Box :		arbro	o, WV	<u>2591</u> 7	Addres		Berea Plaza
		4/469-	2015		······································			Bridgeport,	WV 26330
10) PROPOSI	ED WELL	WORK:	Drill		_/ Dril	deeper	/ Redrill_	/ Stimulate_	X/
			Plug of	f old f	formatio	n/ Perfo	rate new forma	ationX/	
						in well (specify)			
11) GEOLOG	ICAL TAR	GET FOR	MATION			an Shale, G	ordon, Wei	r	
12) ESSEN	ated depth of	of complet	ed well,	5	550	fee	t ·		
13) Appro	oximate trat	a depths:	Fresh, _		425	feet; sal	t, 827	feet.	
14) Appre	oximate coa	l seam dep	ths:			Is c	oal being mined i	n the area? Yes	/ NoX/
15) CASING	AND TUBI	NG PRO	GRAM					·	
CASING OR		SPEC	IFICATIONS	6		FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in wel	OR SACKS (Cubic feet)	
Conductor	116	H-40	65	X	1	39	39		Kinds
Fresh water	10 3/4		40.5	X	 	295	295	1	P 3
Coal	1 3/3	41 70	1 4000				1	1600 SKS,C	Sizes
Intermediate	7	K-55	20	x	 	2093	2093	200 sks.	31265
Production	1	K JJ	20		 	2093			Depths set
Tubing			 			2 4 253° 470° 4	1 . 4 . 7		Deptils Set
Liners	1		ļ		†				Perforations:
Litters	1						A SA SA		Top Bottom
***************************************				·					10p Bottom
The second secon			i	<u> </u>	1	<u> </u>	****** *****	A. A	
						OFFICE USE	ONLY		The state of the s
						DRILLING PI			
	47.	-039-3	0/8_FD	۸۵ .		EDMALLEINGS E I	CECTABL B	November 1	AS All All Al
Permit number	-7 /	-033-3	740-FW	AC					19
								E	Date filter State in the become from it.
This permit cov	ering the w	ell operato	r and wel	location	on show	n below is evidence	of permission g	ranted to drill in accord	ance with the pertinent legal re-
									Oil and Gas Inspector, (Refer to
						any permitted wor work has commenc		ne well operator or his c	ontractor shall notify the proper
`	-			•			•	*	
reverse hereof.	VOTK IS AS Q	escribed in	the Notic	e and A	Application	on, piat, and recian	nation plan, subj	ect to any modifications	and conditions specified on the
Permit expires	Nov	ember	14, 19	86		uniess we	ll work is comme	nced prior to that date as	nd prosecuted with due diligence.
a crimit expires .	····			***************************************		amess we	ii work is committee	meed prior to mat date at	- Pysograman 48 48 48 48 48 48 48 48 48 48 48 48 48
									
Bond:	Agen	t: I	Plat:	Casir	- 1	Fee			
	1	17	3	75	, .	586291	and the second s		and the second s
	+-			-			1	111	
	•		Para da mesada			**************************************	-/-		
NOTE: Keep o	ane conv of	this norm	it reseted s	at the d	rilline la	cation	*	Administrator, Office of	On and Gas

DRILLING CONTRACTOR: 11ng Co.



1)	Date:	1 30	, 19
2)	Operator's Well No.	Serial	No. 094851
3)	API Well No.	47	03910 3948
-		State	County Domit

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

				- 45000 10000	OIL AND GAS	WELL PERM	IT APPLICATION		
4)	WELL TYPE	· A O	1	/ Gas	X,			ye samue kile yazal. Mine yegyelenin ugo	
7)	WELLTIFE		"Gas", P		<u> </u>	Underground	storage	_/ Deep	_/ Shallow/)
5)	LOCATION:		ation:	344.1		Watershed:	aurel Fork c		of Capin Creek
			rict:	Explora	ation, In	County:	Kanawhe	Quadrangle:	t Burkett
6)	WELL OPER Address	RATOR_	.O. Bo	× 391		er e er betste	11) DESIGNATED Address	AGENT	O a special section of
	Address	133.4	shland	, KY 4.	1114	di site intelli sa	Address	Brento	n, WV 24818
7)	OIL & GAS	1	M. I	aFollet	te, III e	t al		Sales Sales	ga softly (t
	ROYALTY	WNER	.O. Be				(2) COAL OPERA	TOR	s engines du
	Address	- 0	harles	ton, WV	25327		Address	elizerali sas dina	NATURATION AND ADDRESS OF THE PARTY OF THE P
	Acreage		1003		HEAT		3) COAL OWNER	R(S) WITH DECLAR	ATION ON RECORD:
8)	SURFACE O	WNER_		afolleti x 2068	te, III e	c ar	Name	M. LaFolle	tte, III et al
	Address			con, WV	25327		Address	harleston, W	V 25327
	Acreage		1003						
9)	FIELD SALE	IF MA	DE) TO:				Name		
,	Address		, 10.		e nidatanina		7 Address		SOME TO LE
						1	4) COAL LESSEE	WITH DECLARAT	ION ON RECORD:
10)		NSPECT	OR TO B	E NOTIFIED	orth		Name	Sox 548	apany
	Name	The second	.O. Bo	× 454	103 101 101 1	250 S. VI mrs	Address	Cabin Creek,	UN 23635
	Address		E. Loc	Rout, W	26678	Labour set to	respect of all set	Mary and Calaban	AN COSTA CONTRACTOR
15)	PROPOSED	WORK:	Drill_	X / D	Prill deeper	/ Redri	II/ Frac	ture or stimulate	X I C , I I I I I I I I I I I I I I I I I
				ff old forma		_/ Perforate		/	ScionA 61
					ge in well (speci	fy)			
16)					5610		ton of		
	17) Estimated 18) Approxim			d well,oths: Fresh,		feet	salt sand		
	19) Approxim			200		feet; Is co	salt,al being mined in the	feet. area? Yes	/ No. /
20)	CASING AN					10 000	SOG III till (
20)		I CBIN					at Surveyed to	u de la companya de l	The second secon
	CASING OR TUBING TYPE			PECIFICATIONS Weight			GE INTERVALS	CEMENT FILL-UP OR SACKS	PACKERS
	Conductor	Size	Grade	per ft.	New Used	For drilling	Left in well	(Cubic feet)	Vinds
	Fresh water	9 5/0	11-40	32	X.	300	300	Circulate	Kinds
	Coal	9	AND WAR	200		RAAA			Sizes
	Intermediate	1	W 22	40 /	Δ.	2009	2009	Circulate	A STATE OF THE STA
	Production					pred date da			Depths set
	Tubing						Sant-State of the		
	Liners								Perforations: Top Bottom
									Top Bottom
								Date in the second	
23) 24)	ROYALTY PI Is the right to a similar provisi produced or m he answer above Required Copi Copies of this	ovide one d is the lequirement ROVISIC extract, p on for conarketed? e is No, r ies (See reperator, c eleston, W	of the follease or lead of Code 20 NS roduce or ompensation Yes anothing addreverse side application oal owners.	market the oil on to the own No ditional is need.) and the encl (s), and coal l	or gas based upper of the oil on eded. If the ans osed plat and ressee on or bef	on a lease or other gas in place where is Yes, you eclamation plan	or specifics.) er continuing contract nich is not inherently may use Affidavit For have been mailed by ne mailing or delivery Signed: Its:	related to the volumorm IV-60.	ng for flat well royalty or any e of oil or gas so extracted, livered by hand to the above cation to the Department of
Per	mit number								19
Re	rements subject fer to No. 10) Pr	to the co	nditions c	ontained here ion of roads, l	in and on the r locations and pi	everse hereof. N	otification must be g ted work. In addition	iven to the District O	ce with the pertinent legal re-
-	mit expires		nt.	Diet	Cosin		rilling is commenced	prior to that date and p	prosecuted with due diligence
	Bond:	Age	III:	Plat:	Casing	Fee		ILL M	
			10	- 7		18 18	Adi	ministrator, Office of	Oil and Gas