



IV-35 (Rev 8-81)

Sinde of West Birginia

Bepartment of Mines Gil und Gas Bivision

Date_	10/16	/84	Virginia de la companya de la compa	
Operat	or's			
Well N	0.	2		
Farm	Dinges	s-Rum		
APT No	. 47 -	005	©	1442

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

(If "Gas," Production/ Undergrou	nd Storag	ge/ Deep	DX / Sha	llow/)					
IOCATION: Elevation: 927.6' Watershed Co	ertis Bra	nch of Pig	Coal Rive	er .					
District: Peytona County Boone									
COMPANY Ashland Exploration, Inc.									
ADDRESS P. O. Box 391, Ashland, Ky. 41114	Caşing	Used in	Left	Cement fill up					
DESIGNATED AGENT Forrest Burkett	Tubing	Drilling	in Well	Qi. ft.					
ADDRESS Box 156 Brenton, WV 24818	Size								
SURFACE OWNER Dingess Rum Coal Co.	20-16 Cond.								
ADDRESS Box 185 McConnell, WV 25633	13-10"	46°	46"	30 sks					
MINERAL RIGHTS OWNER Dingess Rum Coal Co.	9 5/8	1048	1048	325 sks					
ADDRESS Box 185 McConnell WV 25633	8 5/8								
OIL AND GAS INSPECTOR FOR THIS WORK Arthur	7	4400°	4400°	270 sks					
St. Clair ADDRESS Box 157 Brenton, WV 24818									
PERMIT ISSUED 6/25/84	4 1/2	5193'	51931	100 sks					
DRILLING COMMENCED 7/28/84	3								
DRILLING COMPLETED 8/11/84	2		4079*						
IF APPLICABLE: PLUGGING OF DRY HOLE ON									
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used								
CN									
GEOLOGICAL TARGET FORMATION Newburg			th_5160'						
Depth of completed well 5194 feet F	Otary_x	/ Cabl	e Tools_						
Water strata depth: Freshfeet;									
Coal seam depths:	Is coal	being min	ed in the	area? yes					
OPEN FLOW DATA									
Producing formation Devonian Shale	Pa	y zane dep	th 3386-41	24 feet					
Gas: Initial open flow 43 Mcf/d	Oil: In	itial open	flow	Bbl/d					
Home forwell Final open flow 325 Mcf/d	Fi	nal open f	low	Bbl/d					
Time of open flow between initi	ial and f	inal tests	<u>3</u> hc	xirs					
Static rock pressure 1085 psig(surface measurement) after 168 hours shut in									
76 MVF (If applicable due to multiple completion)		DEC	31 1304					
COP Second producing formation Keener-Injun	Pa	y zone dep	th 1405-1	428 feet					
Gas: Initial open flow 103 Mcf/d									
Final open flow 351 Mcf/d	Oil: Fi	nal open f	low	Bbl/d					

Time of open flow between initial and final tests 3

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

Perf Newburg 20H/5096-5102 - Acidize Newburg using 500 gal 15% HCl. BD @ 4000#, ATP 3000# @ 3 B/M. 75 Q foam frac Newburg using 23,500# 20/40 sd & 880 SCF N2. BD @ 5800#, ATP 6345# @ 6 B/M. MTP 6450#. Zone is isolated w/a Baker "NC" BP @ 4270",

armestreet

Perf Dev. Shale 25H/4124-4220. N_2 frac using 250 gal 15% HCl & 600,000 SCF N_2 . BD @ 3450' @ 60,000 SCF/min.

Huron

Perf Dev. Shale 20H/3386-3406. N_2 frac using 250 gal 15% HCl & 1,200,000 SCF N_2 . BD @ 3620#, ATP 3450# @ 60,000 SCF/min.

Perf Keener Injun 20H/1405-1428. Dump 500 gal 28% HCl. 75 Q foam frac using 30,000# 20/50 sd, 319,000 SCFn2, 167 bbl TL&FW, 123 Bbl. TSLF. BD @ 2200#, ATP 2000# @ 20 B/M foam. MTP 2200#, WELL LOG ISIP 1400#.

		1		REMARKS
FORMATION	N COLOR HARD OR SOFT	TOP FEET	BOITOM FEET	Including indication of all fresh and salt water, coal, oil and gas
S	Silty Sand	0	255	
	Shale	255	345	
S	Sand w/silt stringers	345	1005	
	Shale	1005	1094 .	
	. Maxton	1094	1142	
I	. Lime	1142	1212	
	Pencil Cave	1212	1215	
	Big Lime	1215	1380	
	Shale	1380	1404	
I	injun •	1404	1431	
	orden Shale	1431	1834	
· · · · · · ·	offee Shale	1834	1860	
	erea	1860	1866	
	evonian Shale	1866	2101	
	ordon	2101	2133	
	evonian Shale	2133	4362	
	nondaga LS	4362	4447	
0	riskany	4447	4494	
õ	nondegaz Helderburg	4494	5096	
N	ewburg 7	5096	5104	
	nondaga McKenzie	5104	TD	
D'	TD 5188			
	TD 5194			4362 DNON
1				928 200
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(Attach separate sheets as necessary)

ASHLAND EXPLORATION, INC.		
Well Operator		
By: Clerch St. Ming		
Date: October 16, 1984		



1)	Date:_	June	20	

2) Operator's Dingess-Rum Coal Co. Well No. 2, Serial No. 102301

3) API Well No. 47 - 005 - 1442
State County Permit

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

APPLICATION FOR A WELL WORK PERMIT

4)	WELL TY	E: A	V 0	il	/ Ga							
		E			Production	·				/ Deep <u>X</u>		· (/
5)	LOCATIO	N:			927.6					ch of Big Coa		KC20)
					Peyto			-		Quadrangle:		
6)	WELL OPI	ERAT	OR_				tion,	Inc.) DESIGNATE	DAGENT <u>Forre</u>	<u>st Burkett</u>	
	Address				Box 3			***************************************	Address	P. O.	Box 156	***
				Ashlaı	nd, KY	41	114			Brent	on, WV 24	818
8)	OIL & GAS					FIED		g) DRILLING C			
	Name	<u>Art</u>	hur	: St. (<u>Clair</u>				Name Ray	<u>Resources Dri</u>	lling Comp	any
	Address			0. Box					Address	2101 Washin	gton St.,	<u>East</u>
			Bre	nton,	<u>WV 2</u>	<u>4818</u>				<u>Charleston,</u>	<u>WV 25311</u>	***************************************
10)	PROPOSE	D WE	LLV	VORK:	Drill	<u>X</u>	_/ Dril	deeper	_/ Redrill	/ Stimulate	X/	
					Plug of	f old	formatio	n/ Perfora	e new formation	1 <u> </u>		
					Other p	hysical	change i	n well (specify)				
11)	GEOLOGI	CAL 1	rar(GET FOR	MATION	, Ne	wburg					
	12) Estima							,	top of			
									salt sand	feet.		
	14) Approx	kimate	coal	seam dep	ths: <u>U</u>	nknor	wn	Is coal	being mined in th	e area? Yes X	/ No	/
15)	CASING A	ND T	UBI	NG PROC	GRAM							
	ASING OR	I		SPEC	IFICATIONS	6		FOOTAGE IN	TERVALS	CEMENT FILL-UP	PACKER	ks
TL	JBING TYPE	Siz	ze	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)		Water Comment
Con	ductor	1		H-40	48	X		30	30	15 sks.	Kinds	
	h water						1			1 383.		
Coa]	9	5/8	H-40	32.3	X		1000	1000	Circulate #	seurfa	CE WEAT
	rmediate	7	1	K-55		X	1	4350	4350	200 sks		
	iuction	1.	1/2	N-80				5160	5160	As Required	Denths set	
Tubi		13	1/4		1		†	7100		by rule:	15.01	1.
Line							†			1 27 1000:	Perforations:	7
									**************************************		7 Top	Bottom
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***********								OFFICE USE O	NLY			
							***	DRILLING PER				
			,	005 1						7 1 0		04
Perr	nit number_		4/	<u>-005-1</u>	442	····				July 9,		19 84
 .										Dat	-	
This	permit cove	ring th	ne we	ell operato	or and well	l location	on showi	1 below is evidence of	permission grant	ted to drill in accordan given to the District Oil	ce with the pertin	nent legal re-
No.	8) Prior to th	e cons	struci	lion of ros	ads, locati	ons and	pits for	any permitted work.	In addition, the v	vell operator or his con	tractor shall noti	fy the proper
								work has commenced		•		
The	permitted wo	ork is	as de	scribed in	the Notic	e and A	pplication	on, plat, and reclamat	ion plan, subject	to any modifications a	nd conditions spe	cified on the
	rse hereof.											
Perr	nit expires _		Ju	1y 9,	1986	·····		unless well w	ork is commence	d prior to that date and	prosecuted with d	lue diligence.
_											. 1 11	<i>f</i> ·
В	ond:	A	Agent	: - I	Plat:	Casir	ıg	_Fee_				
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										7/12	4	****
	- T		_				****		' Adn	ninistrator, Office of O	il and Gas	
NO.	ic: Keep oi	ie cop	y of	inis perm	it posted a	ii ine d	rilling lo	cation.				File