

# State of West Virginia DEFARTMENT OF ENERGY Division of Oil and Gas

#### Well Operator's Report of Well Work

ASH, VERNA O. Operator Well No.: ASH 3 LOCATION: Elevation: 1029.00 Quadrangle: WEST UNION District: CENTERUILE Counts: TYLER Latitude: 1720 Feet South of 39 Des. 22Min. 30 Sec. Longitude 450 Feet West of 80 Des. 50 Min. 0 Sec. Company: DRILLING APPALACHIAN CORP P. O. BOX 99 I Casing | Used in | Left |Cement | ALMA, WY % I IFill Upl | Tubins | Drillins | in Well|Cu. Ft.| Agent: KENNETH R. MASON l Size 1 Inspector: ROBERT LOWTHER 05/26/88 Permit Issued: 8 5/8 ' \ 1070 \_ 6-14-88 Well work Commenced: Well-work Completed: 6-19-88 Verbal Plussins 4 1/2 \_\_5049 \_\_\_5049\_ Permission sranted on: 5-26-88 265 sks Rotary XXX Cable Ris
Total Depth (feet) 5157
Eresh water depths (ft) 45 Salt water depths (ft) 1825 Is coal being mined in area (Y/N)? Note that (Y/N)? Note that (Y/N)? Note that (Y/N)? I DIVISION OF OIL & GAS --- DEPARTMENT OF ENERGY--OPEN FLOW DATA Producing formation Benson Pay zone depth (ft)4990

Gas: Initial open flow smell MCF/d Oil: Initial open flow D Bb1/d

Final open flow 250 MCF/d Final open flow D Bb1/d Time of open flow between initial and final tests\_\_\_\_\_ \_\_\_Hours Static rock Fressure 1550 \_\_\_\_psis (surface pressure) after 48 \_\_\_\_Hours Second producing formation\_Riley\_\_\_\_\_ Pay zone depth (ft)\_4550\_\_\_\_ Gas: Initial open flow\_\_\_\_\_\_Bbl/d Final open flow\_\_\_\_\_Bb1/d Time of open flow between initial and final tests\_\_\_\_\_Hours Static rock Pressure\_\_\_\_\_psis (surface pressure) after \_\_\_\_Hours Riley commingled with Benson NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: DRILLING APPALACHIAN CORP.

Bu: Kenny Eleson
Date: 7/28/88

Perforate Benson with 14 holes from 4935 to 4940, frack with 100 sks 80/100 350 sks 20/40, 77,000 scf N2 and 435 bbls treated fluid.

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医电子 化氯甲基甲酚 医乳腺 医二甲酚 化氯化苯基二溴 医胸膜皮肤炎

Perforate Riley 4551 to 4581 with 14 holes, frack with 50 sks 80/100 150 sks 20/40, 45,000 scf N2 220 bbls treated fluid

Electric Loo Tops 4

Biq Lime 1882 hole damp 45' Weir 2244

> 一個為於古山的 第四級的問題目

2452 Berea Benson! 4985 salt water 1/2 stream 1825'



1000 Burn 1400 Burn 140

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

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FORM WW-2B

### STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

	DEPART			APPLICATION		_				
1) Well Ope	erator:	Orilling Ap	くしし ppalachian Co	orporation //	425/1,	670				
2) Operator	r's Well	Number:	Ash #3		3) Ele	evation: 1,029				
4) Well ty	oe: (a)	0il <u>x</u> /	or Gas	5 <u>x</u> /						
(b) If Gas: Production_x/ Underground Storage/  Deep/ Shallowx/										
5) Proposed Target Formation(s): Benson/Riley 435										
6) Proposed Total Depth: 5,300'± feet										
7) Approximate fresh water strata depths: 177										
8) Approximate salt water depths:										
9) Approximate coal seam depths: None Co15-Co17 Puttsbury										
10) Does land contain coal seams tributary to active mine? Yes/ No_X_/										
11) Proposed Well Work: Drill; perforate; stimulate new formation										
12)										
127		CASIN	IG AND TUBI	NG PROGRAM		•				
TYPE	SPECIFICATIONS				FOOTAGE INTERVALS CEMENT					
Of RALL.	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)				
Conductor	11-3/4	H-40	42#	30'	<b>0</b> (1)					
Fresh Water						720 11 2				
Coal						19905R10-11. D 3805R10-11.2.2				
<u>Intermediate</u>	8-5/8	J-55	20#	1325'	1325	CTS Neat				
Production	4-1/2	J-55	10½#	5050'	5050	38CSR18-11.1				
Tubing						:				
Liners					Toller .	<b>CERVIED</b>				
PACKERS : Kir	nd					900 T 1000				
Sizes										
For Division of Oil and Cas Use Only DEPARTMENT OF ENERGY										
Fee(s) paid:   Well Work Permit   Reclamation Fund   WPCP										
Plat WW-9 H WW-2B H Bond 503 lanks Agent										
(Type)										

Page 1 of 5 Form WW2-A (09/87) File Copy



## division of oil & Gas 3)

API Well No: 47 _ 095	-	1237
Ash #3		1007
Operator's well number		* <sub>9</sub> ,
Date: May 19, 1988		

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

### NOTICE AND APPLICATION FOR A WELL WORK PERMIT

			5) (a) Coal O	poratori	
4)	Surface Owner(s) to	o be served:			
	(a) Name Verna O.		Name None		
	Address <u>HCR '74</u>		Address		•
	Alma, WV		(b) Coal Owne	-/-\th	Doglaration
₹	(b) Name				
	Address		Name <u>None</u>		
			Address		
13	(c) Name		·		
•	Address		Name		
			Address		
	the control of the co				
6)	Inspector Robert L	owther	(c) Coal Less	ee with De	claration
-	Address General		Name None		V'
		urne, WV 26149	Address		
	Telephone (304)				
					4
	TO THE PE	RSON(S) NAMED AL	OVE TAKE NOTIC	E THAT:	
		\\.			•
	Included is the le	ase or leases o	other continu	ing contra	ict or
	racts by which I ho	ld the right to	extract oil ar	id gas OR	
Cont	Included is the in	formation requi	red by Chanter	22B Artic	ile 1.
<u> </u>	ion 8(d) of the Cod	of West Virgin	is (see page ?	))	.20 27
sect	I certify that as	e of west virgin	Thankar 22P of	the West L	lirainia Code
	I certify that as	required under (	napter 22b or	a location	nlat and
1 ha	ve served copies of	this notice and	application,	a location	prac, and
acco	mpanying documents	pages I through	on the abo	ive named p	arcies'ny:
	Personal Serv	ice (Affidavit a	attached)		
	Certified Mai	l (Postmarked po	ostal receipt a	ittached)	
•	Publication (	Notice of Public	cation attached	()	
	I have read and un	derstand Chapter	r 22B and 38 CS	3R <sub>.</sub> 11-18, a	ınd I agree
to t	he terms and condit	ions of any peri	nit issued unde	er this app	plication.
	I certify under pe	nalty of law tha	at I have perso	onally exam	nined and am
fami	liar with the infor	mation submitted	d on this appli	ication for	cm and all
atta	chments, and that b	ased on my inqu	iry of those in	ndividuals	immediately
resp	onsible for obtaini	ng the informat:	ion, I believe	that the i	information
is t	rue, accurate, and	complete.			
	I am aware that th	ere are signific	cant penalties	for submit	ting false
info	rmation, including	the possibility	of fine and in	nprisonment	
11110			Drilling Appalac		
		By:		mon	<u> </u>
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A STATE	OFFICIAL SEAL	Address	PO Box 99		
1.1	NOTARY PUBLIC STATE OF WAST VIRGINIA	} AUGL C 3 3		-0000	
10	J. L. MASON	Telephone	Alma. WV 26320 (304) 758-4638	-0099	
A. S. Co.	P. O. Box 48		Oth day of	May	, 1988
១៩ថ៌ន	bedAlma Nd: Vstivia 121320be My Coronissien Expires Jan. 28, 189	Thre me ruis	AC 11		
·····	······································	<b></b>	11/1/1	_	Motors Dublic
			W/ Moon	<u>-                                      </u>	Notary Public
Му с	ommission expires _	Jan. 28, 1997	/1		* • · · ·