

WR-35

State of West Birginia

FEB 13 1987 DEPARTMENT OF ENERGY

Date	10-30-86	_
Opera	tor's	-
Well	No. # 1	_
Farm	Wagner	-
י ארוא	0 47 005 1167 5	

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil / Gas_XX/ Liquid Injecti	on / Wa	aste Disposal	L /				
(If "Gas," Production XX / Undergr	round Sto	rage/ Deep	Sha	llow <u>xx</u> /)			
LOCATION: Elevation: 818' Watershed_	Middle I	sland Creek					
	er Quadrangle West Union						
CONTRACT Annalashian Francy Davidonment Inc							
COMPANY Appalachian Energy Development, Inc. ADDRESS P.O. Box 902, Belington, WV	Tai.	777 :	T - 51	Cement			
DESIGNATED AGENT George Williams	Casin	1		fill up			
ADDRESS P.O. Box 902, Belington, WV	Tubin	g Drilling	in Well	Cu. ft.			
SURFACE OWNER John McKitrick et al	Size 20-16 Cond.	1 .					
ADDRESS	13-10						
MINERAL RIGHTS OWNER C. Wagner	9 5/8						
ADDRESS	8 5/8	196'	196'				
OIL AND GAS INSPECTOR FOR THIS WORK	7						
Robert Lowther ADDRESS Middlebourne, WV	5 1/2	8851	885'				
PERMIT ISSUED 9-02-86	4 1/2						
PERMIT ISSUED 9-02-86  DRILLING COMMENCED 9-18-86	3						
DRILLING COMPLETED 10-16-86	<del></del>	/8"	4900	4300' fill-up			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON NA	Liner	s					
		Den	oth 4716	' feet			
Depth of completed well 4866' feet	Potary		<del></del>				
Water strata depth: Fresh Reported feet	· Salt F	None Reported feet					
Coal seam depths: No Record		pal being min		e area? No			
Coar seam depuns:		AT DELING MELL					
OPEN FLOW DATA							
Producing formationCombination Benson/R							
Gas: Initial open flow 0 Mcf/c	d Oil:	Initial oper	flow <u>o</u>	Bbl/d			
Final open flow 432,000 Mcf/d							
Time of open flow between in							
Static rock pressure 1720 psig(sur	face measi	irement) afte	er_48_ho	urs shut ir			
(If applicable due to multiple complete				· · · · · · · · · · · · · · · · · · ·			
Second producing formation		Pay zone der	oth	feet			
Gas: Initial open flow Mcf/c		· ·		Bb1/d			
Final open flow Mcf/	d Oil:	Final open	flow	Bbl/d			
Time of open flow between i	nitial an	d final test	s <u>FB</u>	Pontal 1721			
Static rock pressure psig(surf	ace measu	rement) afte	rhc	urs shut i			

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

PERFORATIONS 4711' - 4717' Benson 14 holes Avg. press. 3550 # Avg. Rate 18 BPM

 $\mathtt{Ril}\underline{\mathtt{ey}}$ <u>4295' - 43</u>28' 16 holes Avg. press. 3650# Avg. Rate 16 BPM

FRACTURED

Halliburton Services

10-30-86

1st. stage 20,000# 2nd. stage 20,000# 2-stage frac:

20/40 sand 20/40 sand

## WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas			
Shale Gordon Shale 5th. Sand Shale Riley Shale Senson Shale T.D.	1850' 2600' 2608' 2792' 2804' 4306' 4340' 4720' 4726'	2600' 2608' 2792' 2804' 4306' 4340' 4720' 4726' 4866'				
es = 0 pp + 4 2 3 1 1 6						
			FEB 13 1987  DIVISION OF OIL & GAS DEPARTMENT OF ENERGY			

(Attach separate sheets as necessary)

Appalachian Energy Development, Inc.

Well/Operator

Messes President

February Date:

Regulation 2.02(i) provides as follows: Note:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including eval, encountered in the drilling of a well."

FEB 1 8 1997

FORM	WW-2(B)	FILE COPY

NOV 2.5 1986



1)	Date:	, 19
2)	Operator's Wagner	#1
3)	API Well No. 47	095 - <b>1167-D</b>
•	State	Country D

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1),	DEPART	ION OF ( TMENT (	OIL.& (	SAS	APPLI	CATION FO	RGY, OIL A	VORK PERM	VISION I <b>IT</b>			
4)					Gas X							
٠,					on		derground stor	30e	/ Dec	'n	_/ Shallow X/)	
5)	LOCATIO			818			itershed: M	iddle T	sland (	Treek		
٠,	Locatio				erville		Ту7	er 19	35	W	est Union 6	<i>7/</i>
٤١	WELL OD				an Engy			DEGLESIA	Qua	rangie:	Williams	
O)					201	JODE: _6	2725	DESIGNAT	ED AGENT	200180	WIIIIamb	
	Address		Box S	gton	1/1/		2323	Address	Box		WV	
•	011 1 01			0		<del></del>	_			ngton	WV	
8)	OIL & GA	•			TFIED		9)	DRILLING	CONTRACT	OR:		
		0	ob Lowther Name Seneral Delivery Address									
	Addr <b>e</b> ss						-	Address				
			<u>raare</u>	bour.	ne WV		/				N/	
10)	PROPOSE	D WELL	WORK:	Drill_	/ 1	Drill dee	perX	/ Redrill	/ St	imulate	<b>X</b> /	
				Plug	off old forma	ation	_/ Perforate	new formati	on/	/	•	
				Other	physical chan	ge in well (s	pecify)	-				
11)	GEOLOGI	CAL TAR	GET FO	RMATIO	NBe	nson	en e					
•	12) Estima	sted depth	of comple	ted well.	5000	1	feet					_
									feet.			
	14) Appro		-	•		,'					, No X	
161						205	Is coal b	eing minea in	ine area? Ye	:S	/ No	_/
	CASING A	MU IUBI			· <del>&gt;=C-</del>	<del></del>	<b>133</b> 0				<b>.</b>	
	SING OR BING TYPE	ı	SPE 1	CIFICATIO Weight			FOOTAGE INTE	RVALS		T FILL-UP SACKS	PACKERS	
		Size	Grade	per ft.	New Use	d For	drilling	Left in well		ic feet)		
Conc	ductor	<u> </u>			<u> </u>						Kip@s	
Fresh	n water	7"				1 4	505-	事	CI	3 Ke	1 Kule 15,05	
Coal		1		1							Sizes	_
Inter	mediate	4. 1/	2					1738	ct	S		
Prod	luction	27/	R					4850	250		Dopits set	
Tubi			ľ –	1				4000	— <del>  ~ / °</del>	<u> </u>	Toohing ser	
Line	- <del></del>	<b> </b>		<del>- </del>	1							
Line	13	<b> </b>	<del></del>	<del>                                     </del>	<del>  </del>						Perforations:	_
		#	ļ								Top Bottom	
		<b>  </b>		1	<del>- </del>							
		<u> </u>		_ <u> </u>	<u> </u>							
						OFFIC	E USE ON	LY				
						DRILI	ING PERM	4IT		***************************************		_
					<b>-</b> -							
Pern	nit number_		<u>47-09</u>	<u>5-(116</u>	7-D					Decemb	er 29 19	86
										Dat	e ,	
This	permit cove	ring the w	ell operat	or and w	ell location sh	own below i	s evidence of p	ermission gra	nted to drill i	n accordan	ce with the pertinent legal	re-
quire	ements subje	ct to the co	onditions	contained	I herein and o	n the reverse	hereof Notific	ation must be	given to the I	District Oil	and Gas Inspector, (Refer tractor shall notify the proj	0
10. 8 distr	) Prior to the	e construct	ion of ro	ads, locat	ions and pits f actual permitt	or any perm	itted work. It	addition, the	well operator	or his con	tractor shall notify the proj	er
	_	-			-		•		`			
I ne	permitted we se hereof.	ork is as de	escribed in	n the Not	ice and Applic	cation, plat,	and reclamatio	n plan, subjec	t to any mod	ifications ar	nd conditions specified on	he
			Decem	her 29	. 1988		unless	-1. i				
ı Ci il	nit expires _	<del></del>	_ cccm	<u>~ C .                                  </u>	• 1/00		_uniess well wo	rk is commend	ed prior to th	at date and	prosecuted with due diligen	ce.
_	r				<del></del>	1	<del></del>	T Liber		,		
В	ond:	Agent	[   بر	P1,ax:	Casing	Fee	WPCP	SCE	Other	1		
ı	1/1	- /	ı	1/1/	$\mu_{D}^{3}$	211	1 H7	1777	i ~	I	$\wedge$	

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

Director, Division of Gil and Gas

File

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