

BIAS BLUEPRINT INC. Htgn. W. Va. 6-6 Swiger (Flint Run)

\ (097) DEC 08 1989

State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

	We	II Operator's R	eport of N	Mell Mork		
Farm name:	GEARY, JAM	ES P.	Operator	Well No.:	JAS. SMIT	H 2-A
LOCATION:	Elevation:	1109.00 Quad	rangle: W	EST UNION		
	District: Latitude: Longitude	GRANT 8930 Feet Sou 1690 Feet Wes	th of 39 t of 80	ounty: DODD Deg. 22Min Deg. 45 Mi	RIDGE . 30 Sec. n. 0 Sec	•
Company:DRI	o. BOX 99	ACHIAN CORP 0-0099		Used in		Fill Up
Agent: KEN	NETH R. MAS	ON	Size			TO SURFIL
Inspector: Permit Issue Well work Co	MIKE UNDERW ed: ommenced:	00D 12/05/89 December 23, 1989	8%	1412	1412	290sk
Verbal Pluge	ging	NASIL 23,1990	41/2	5233	5233	1393' 245°K
Total Depth Fresh water	(feet) depths (ft			 		
	ng mined in	area (Y/N)?				
OPEN FLOW DA	ATA	•				
Gas: In F: T: Static Second Gas: In	nitial open inal open fi ime of open	flow MCF	/d Oil: In /d F: nitial and g (surface /d Oil: In	nitial open inal open fi d final tes	flow low ts after depth (ft) flow	Bbl/d Bbl/d Hours 72 Hours
Ti	ime of open	flow between i arepsi	nitial and	d final test	ts	Hours
INTERVALS, E	FRACTURING IS A SYSTEM	FORM PUT THE OR STIMULATING MATIC DETAILED ERED BY THE WEL	, PHYSICA GEOLOGICA LBORE.	AL CHANGE, AL RECORD (ETC. 2).	THE WELL

RECEIVED Division of Energy MAY 0 9 90

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r:	DRILLING APPALACHIAN CORP.	MAY 1 1 1990
	By: Kenneth Mason Date: 4/25/02	
	Date: 4/25/90	

GEOLOGICAL WELL RECORD DATA

PERMIT NUMBER: 47-0174-3765

	TOP	BOTTOM		
SOIL	O	25		
BROKEN SAND	25	255		
SANDS AND SHALES	255	1033		
LITTLE DUNKARD SAND	1177	1214		
BIG DUNKARD SAND	1344	1389	SALT	WATER
1ST SALT SAND	1603	1683		
2ND SALT SAND	1791	1.868		
3RD SALT SAND	1924	1957		
MAXON	1983	2012		
BIG LIME	2056	2130		
BIG INJUN SAND	2130	2244		
WEIR	2404	2476		
BEREA SAND	2595	2598		
GORDON SAND	2816	2854	SHOW	GAS
WARREN	3472	3522	SHOW	GAS
RILEY	4664	4722		
BENSON	5139	5142	SHOW	GAS
TOTAL DEPTH	5281			

WELL TREATMENT SCHEDULE

Benson Sand

5139 - 5142 Perforated with 15 holes Formation Break Down 3157 PSI

Nitrogen Foam 60 Quality Average Treating Rate 17 barrels per min 285 barrels of gel treated water 300 sacks of 20/40 sand 50 sacks of 80/100 sand 361,000 scf of Nitrogen

Average Treating Pressure

3050 PSI



MAY 0 9 90

Permitting
Oil and Gas Section

47-617- 3760

FORM WW-2B

Issued 12/05/89 Expires 12/95/9/2 of 5

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

			MELLL WO	RK PERMIT	APPLICATION	11/2/2	670
l) Wel:	l Ope	rator:	DRILLING A	S\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	CORPORATION /	4425, 3,	<i></i>
2) Ope:	rator	's Well	Number:	JAMES A. S	MITH #2-A	3) Ele	evation: 1109'
4) Wel:	l typ	e: (a)	0il_X/	or Gas	; <u>X</u> /		
		(b)	If Gas:			ound Storage Shallov	
5) Prop	posed	Target	Formation	(s): BEN	435 son/riley		
6) Prop	posed	Total D	epth:	5400±	feet		
7) App:	roxim	ate fres	h water s	trata dept	:hs:		
8) App:	roxim	ate salt	water de	pths:			1000 to the second of the seco
9) App:	roxim	ate coal	seam dep	ths:			
10) Does	s lan	d contai	n coal se	ams tribut	ary to acti	ve mine? Ye	es/ No_X/
11) Pro	posed	Well Wo	rk:	DRI	LL, STIMULATE,	. PERFORATE NEW	FORMATION .
12)							
			CASIN	G AND TUBI	NG PROGRAM		
TYPE		<u> </u>	PECIFICAT	IONS	FOOTAGE IN	TERVALS	CEMENT
	pyracych dathlydd y chadaen ydd rwycaetha	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conducto	Z	11-3/4"	H-40	42#	30'	0'	
<u>Fresh Wa</u>	ter_					(a Milal
Coal						7	
Intermed	<u>iate</u>	8-5/8"	J-55	20#	1300'	1300	38CSR18-11.2.2 38CSR18-11.2
Producti	on_	4-1/2"	J-55	10.5#	5299'	5299'	38CSR18-11.1
Tubing							
<u>Liners</u>	· · · · · · · · · · · · · · · · · · ·					133	निवाराज्य निवार
PACKERS	: Kin	.d			Normalis de Production de la companya del companya de la companya de la companya del companya de la companya del la companya del la companya de la companya del la companya de la companya		
		es ths set				(7/2	<u>DEC 05 188</u> 9 (L
1999-	400) - 200 - 200 - 100 	F	op, Diviso	n of Oil a	and Gas/Use		ANTIMENTO LINEARY
3/1 Fee	(s) p	ajd: (Z		ork Permit	Rec]	lamation Fund	(- //
#.Pla	t C	Z/ ww-9	ZI WW-	/ //	Bond Blanker	tome	Agent
7	7	-	<i>v</i> – -	/-		(Type)	

P	a	g	е	1		0	£	
F	0	r	m	W	W	2	- A	
(0	9	/8	7)			
F	i	1	e	C	O	D	V	

33-		- 1	
DEC	03	1989	

DEPARTMENT OF LIVERBY

1) 2)

3)

Date: Nov. 27, 1989

Operator's well number

J. A. SMITH #2-A

API Well No: 47 - 017 - 3765 State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4)	Surface Owner(s) t		5) (a) Coal Operato	
		Geary	Name	
	Address %Geary ar		Address	
		in St, Petersburg,		
	(b) Name <u>T. H. Lar</u>		(b) Coal Owner(s) w	
	Address <u>(same as</u>	above)	Name	
			Address	
	(c) Name <u>Leon J. W</u>	Vilson		
	Address <u>(same as</u>	above)	Name	
			Address	
6)	Inspector Mike Unde	erwood	(c) Coal Lessee wit	h Declaration
	Address Rt. 2, Bo		Name	
	Salem, W		Address	
	Telephone (304)	782-1043		
	יין אין דיין דיין דיין דיין דיין דיין די	A CENTRAL (S) NAMED A	BOVE TAKE NOTICE THAT	T a
•	10 11115 [1]	SKOOK(U) NAMED A	DOVE TAKE NOTICE THAT	-
	Included is the la	3356 OX 303505 O	r other continuing co	nt
			extract oil and gas	
			red by Chapter 22B, A	rticle 1,
Sect	on 8(d) of the Cod			
	I certify that as	required under	Chapter 22B of the We	st Virginia Code
I hav	e served copies of	this notice an	d application, a loca	tion plat, and
	Personal Serv			pararon, 2, 1
			ostal receipt attache	. .
	Publication			,
	Fublication ((NOTICE OF PUBLI	cation attached,	
	T have were T	dented Sheets	- 22D 3 20 GGD 11 1	0 7 7
			r 22B and 38 CSR 11-1	
to th			mit issued under this	
	I certify under pe	enalty of law th	at I have personally	examined and am
			d on this application	
attac	chments, and that h	based on my inqu	iry of those individu	als immediately
respo	onsible for obtain:	ing the informat	ion, I believe that t	he information
	ue, accurate, and		•	
. 3 1			cant penalties for su	bmitting false
infor			of fine and imprison	
~~~~			DBILLING APPALACHIAN	
	OFFICIAL SEAL	By:		
19 8 N	SA NOTARY PUBLIC		Kennett L. Helssen	
147-0	STATE OF WEST VIRGINIA	Its:	President	
	J. L. MASON P. O. Box 48	Address	P. O. Box 99	
	Alma West Visionia across	}	Alma, WV 26320-0099	
	Wy Commission Expires Jan. 28, 1997	Telephone	(304) 758-4638	
Subsc	ribed and sworm be	Fore me this $\2$	7+h day of November	, 19 <u>89</u>
	•		16/1/1	
			Will horas	Notary Public
Му с	ommission expires		1/28/97	
	-			