

Farm name:

RECEIVED WV Division of Environmental Protection

## State of West Virginia Division of Environmental Protection Section of Oil and Gas

OCT 2 8 92

Well Operator's Report of Well Work

Permitting Office of Oil & Ges m name: ZAFT, VALENTINE ETUX.

Operator Well No.: NELSON 7-REV. LOCATION: Elevation: 873.00 Quadrangle: AUBURN

> District: TROY County: GILMER

Latitude: 13720 Feet South of 39 Deg. 5 Min. 0 Sec. Longitude 5400 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: RUBIN RESOURCES CO.				
1007 C BRIDGE RD. CHARLESTON, WV 25314-0000	Casing	Used in		Cement
	&   Tubing	   Drilling	   in Well	Fill Up  Cu. Ft.
Agent: RICK RUBIN	   Size			
Inspector: CRAIG DUCKWORTH	Size			
Permit Issued: 08/17/92	7	433	433	125 sks
Well work Commenced: 8-2/-92 Well work Completed: 8-24-92				
Verbal Plugging	4%	1900	1900	
Permission granted on:				<u>60 sks</u>
Rotary / Cable Rig	j			i
Total Depth (feet) 1950	ĺ			ľ
Fresh water depths (ft)				
109' 180'				İ
Salt water depths (ft)				ĺ
<u>539'</u>				
Is coal being mined in area (Y/N)? //				i
Coal Depths (ft): N/A	İ		İ	İ
,				
OPEN FLOW DATA				

## OPEN FLOW DATA

Producing formation Injun	Pay zone depth (ft)/772-/825
Gas: Initial open flow 33/2' MCF/d O	il: Initial open flow 4/24 Bbl/d
Final open flow 73 MCF/d	Final open flow - Rhl/d
Time of open flow between initial	al and final tests 40 Hours
Static rock Pressure 410 psig (s	urface pressure) after 36 Hours
Second producing formation Blue Mon Gas: Initial open flow 330 MCF/d O	il: Initial open flow war Bhl/d
rinal open flow 235 MCF/d	Final open flow NONE Bbl/d
Time of open flow between initial	al and final tests 48 Hours
Static rock Pressure 410 psig (st	urface pressure) after <u>36</u> Hours

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.

TM6	For:	RUBIN RESOURCES CO.	1101	-
Recorded		By: Rick Rule	Nov 6	1992
	فد	Date: 10-22-92		<u>-</u> -

	Injun	File Monday
Perforation Interval	1772-1825	1687-1691
# of Perforations	13	10
Type of Frac	Gel Water	Gel Water
Sks. of Sand	300	189

FORMATION	TOP FEET	BOTTOM FEET	
Red Rock, Sand, Shale	0	1664	
Little Line	1664	1686	RECEIVED WV Division of
Blue Monday	1686	1691	Environmental Protection
Shale	1691	1712	Permitting  office of Oil & Gas
Big Lime	1712	<i>19</i> 03	omes or our & Gas
Igun	1803	1850	
Shale	1850	1950 T.L	O.

FORM WW-2B					- F	- 0
AUG 1	7 DEPART	MENT OF	TE OF WEST ENERGY, DI' WORK PERMI'	VIRGINIA VISION OF O	Dsue	01111.6
i) Wéll O	perator:		RUBIN RE	SOURCES, IN	43625	(4)
2) Operato	or's Well	Number:_	NELSON W	ELL NO. 7	3) Eleva	ation: <u>1020</u> 1
4) Well Ty	ype: (a)	Oil_/	or	Gas <b>X</b> ∕		
				tionX/ Under Deep_/ //8		orage_/ allow <u>X</u> /
		_	n: <u>Injun</u> -			
			3000		Na'	
7) Approxi	imate fres	h water	strata depi	ths: <u>130</u>	190	
3) Approxi	imate salt	water d	epths:	N/A	Q/1//	Mr. Resertable
)) Approxi	imate coal	seam de	pths:	N/A		
.0) Does la	and contai	n coal s	eams tribut	cary to act:	ive mine?	Yes_/ No_X
						· .
1) Propose	ed Well Wo	rk:	Drill &	Stimulate	Mach	W.
12)		CAS	ING AND	TUBING PROC		WK.
12)		CAS	ING AND			CEMEN
.2)	S	CAS	ING AND TIONS Weight	TUBING PROC FOOTAGE IN	NTERVALS Left in	CEMEN : (cu. ft.)
YPE	Size	CAS PECIFICA'	ING AND TIONS Weight	TUBING PROC	NTERVALS Left in	Fill-up (cu. ft.)
2) YPE Conductor	Size	CAS PECIFICA'	ING AND TIONS Weight	FOOTAGE IN  For  drilling	TERVALS  Left in well  01	Fill-up (cu. ft.) 0 Sacks CTS = 38
2) YPE Conductor Fresh Water	Size	CAS PECIFICA'	ING AND TIONS Weight	FOOTAGE IN For drilling	TERVALS Left in well	Fill-up (cu. ft.)
2)  YPE  Conductor  Fresh Water  Coal	Size : 11"	CAS PECIFICA'	ING AND TIONS Weight	FOOTAGE IN  For  drilling	TERVALS  Left in well  01	Fill-up (cu. ft.) 0 Sacks CTS = 38
Conductor Fresh Water Coal Latermedian	Size : 11" : 7" "	CAS PECIFICA	ING AND TIONS Weight	FOOTAGE IN For drilling 301	TERVALS  Left in well  0' 400'	Fill-up (cu. ft.)  0 Sacks CTS = 38 CSR 18-11.3
2)  Conductor  Fresh Water  Coal  Intermediat  Production	Size : 11" : 7" "	CAS PECIFICA	ING AND TIONS Weight	FOOTAGE IN  For  drilling	TERVALS  Left in well  01	Fill-up (cu.ft.) O Sacks CTS = 38 CSR 18-11.3
Conductor Fresh Water Coal Intermediat Production Tubing	Size : 11" : 7" "	CAS PECIFICA	ING AND TIONS Weight	FOOTAGE IN For drilling 301	TERVALS  Left in well  0' 400'	Fill-up (cu. ft.)  0 Sacks CTS = 38 CSR 18-11.3
Conductor Fresh Water Coal Intermediat Production Tubing Liners	Size 11" 7" " 4-1-/2"	CAS PECIFICA	ING AND TIONS Weight	FOOTAGE IN For drilling 301	Left in well 01	Fill-up (cu. ft.)  0 Sacks CTS = 38 CSR 18-11.3
Propose  12)  Conductor  Fresh Water  Coal  Intermediat  Production  Tubing  Liners  PACKERS:	Size : 11" : 7" "	CAS PECIFICA'	ING AND TIONS Weight	FOOTAGE IN For drilling 301	Left in well 01	Fill-up (cu. ft.)  0 Sacks CTS = 38 CSR 18-11.3

(09/87) Surface Owner Copy	2) Operator's we	ll number
<del></del>		47 - <u>62  - 507 </u> te - County - Permit
DEPARTMEN	STATE OF WEST VIRGINIA OF ENERGY, DIVISION OF OIL	AND GAS
<u>NOTICE AN</u>	APPLICATION FOR A WELL WORK	PERMIT
4) Surface Owner(s) to (a) Name Address	Name	perator:
Address	(b) Coal Owne Name Address	r(s) with Declaration
(c) NameAddress	Name	
6) Inspector Graig Duc Bor 197, G.ssaway,	Ouvissom Krute Name Name	ee with Declaration
Telephone (304)36	5942	
Section 8(d) of the Code I certify that as r	of West Virginia (see page 2 equired under Chapter 22B of	
I have served copies of accompanying documents particle Personal Service Certified Mail	this notice and application, ages 1 through on the above (Affidavit attached) (Postmarked postal receipt a ptice of Publication attached	the West Virginia Code a location plat, and ve named parties, by:
I have served copies of accompanying documents particle of accompanying documents particle of the personal Service of Certified Mail of Publication (Note to do oil or gas well worth according to do oil or gas well worth according to do oil or gas well worth according to do oil or gas well worth according to do oil or gas well worth according to do oil or gas well worth according to do oil or gas well worth according to the personal service of the control of the personal service of the control of	this notice and application, ages 1 through on the above (Affidavit attached) (Postmarked postal receipt a ptice of Publication attached ONS TO SURFACE OWNERS NAMED (Continued on Reverse) amed below is applying for a k. (Note: If the surface trees)	the West Virginia Code a location plat, and ve named parties, by: ttached) )  ABOVE permit from the State act is owned by more
I have served copies of accompanying documents parsonal Service Personal Service Certified Mail Publication (No INSTRUCT)  The well operator not do do oil or gas well worthan three persons, then name appeared on the Sheactually occupy the surface parsons of the surface persons this notice and application, ages 1 through on the above (Affidavit attached)  (Postmarked postal receipt a price of Publication attached)  (ONS TO SURFACE OWNERS NAMED (Continued on Reverse) amed below is applying for a k. (Note: If the surface trace these materials were served affis tax ticket on the langue tract. In either case, y	the West Virginia Code a location plat, and ve named parties, by: ttached) )  ABOVE  permit from the State act is owned by more on you because your d or because you ou may be the only	
I have served copies of accompanying documents particle of accompanying documents particle of accompanying documents particle of accompanying documents particle of accompanying documents of accompanying documents of accompanying documents of accompanying accompanying documents of accompanying documents	this notice and application, ages 1 through on the above (Affidavit attached)  (Postmarked postal receipt a price of Publication attached)  (Continued on Reverse)  (Continued on Reverse)  (Mote: If the surface trace these materials were served of the served of the served of the served of the served of the served of the served of these materials.) See work permits are valid for well Operator  By:	the West Virginia Code a location plat, and ve named parties, by: ttached) )  ABOVE  permit from the State act is owned by more on you because your d or because you ou may be the only Chapter 22B of the
I have served copies of accompanying documents particle of accompanying documents particle of accompanying documents particle of accompanying documents particle of accompanying documents of accompanying documents of accompanying documents of accompanying accompanying documents of accompanying documents of accompanying documents of accompanying documents of accompanying documents of accompanying documents of accompanying documents of accompanying documents of accompanying documents of accompanying documents particle of accompanying docu	this notice and application, ages 1 through on the above (Affidavit attached)  (Postmarked postal receipt a ptice of Publication attached)  (ONS TO SURFACE OWNERS NAMED  (Continued on Reverse)  (Mote: If the surface tracks of these materials were served affished that these materials were served affished to the language of these materials.) See work permits are valid for well Operator  By:	the West Virginia Code a location plat, and ve named parties, by: ttached) )  ABOVE  permit from the State act is owned by more on you because your d or because you ou may be the only Chapter 22B of the
I have served copies of accompanying documents particle of accompanying documents particle of accompanying documents particle of accompanying documents particle of accompanying documents of accompanying documents of accompanying documents of accompanying accompanying documents of accompanying documents	this notice and application, ages 1 through on the above (Affidavit attached)  (Postmarked postal receipt a price of Publication attached)  (ONS TO SURFACE OWNERS NAMED (Continued on Reverse) and below is applying for a sk. (Note: If the surface track. (Note: If the surface track these materials were served iff's tax ticket on the langue track. In either case, y eceive these materials.) See work permits are valid for well Operator  By:	the West Virginia Code a location plat, and ve named parties, by: ttached) )  ABOVE  permit from the State act is owned by more on you because your d or because you ou may be the only Chapter 22B of the 24 months.