



3:08 WR-35fice of Unital Cas Permitting JUN 1 9 2000 Division of Proversion

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

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Reviewed	. 30
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47-095-01678-F

DATE: June 13, 2000

API#:

Well Operator	s Report of We	ll Work		
Farm name: William Ingram	Opera	ator Well No.:	Sistervi	11e #1 ·
LOCATION: Elevation: 625	Quad	rangle: <u>Ne</u> r	w Matamora	is 7.5'
Tincoln	Coun	ity: Ty	ler	
District: Lincoln	9 Deg 35	Min.	Sec.	
Latitude: 12,600 Feet South of 30  Longitude 4,440 Feet West of 8	$\frac{1}{1}$ Deg. $\frac{1}{1}$ Deg. $\frac{1}{1}$	Min.	Sec.	
Longitude				
Company: Triad Resources, Inc.	Casing &	Used in drilling	Left in well	Cement fill up Cu. Ft.
	Tubing	urning		up cui i ii
Address: P.O. Box 430				
Reno, Ohio 45773	16"		68'	to surface
Agent: Kimberly Lynch	10	<del>                                     </del>	-	
Inspector: Mike Underwood  Date Permit Issued: 2/14/00	10 3/4"		620'	to surface
Date Well Work Commenced: 3/23/00	10 3/ 4	-		
Date Well Work Completed: 4/18/00	7"		1700	to surface
Verbal Plugging:				
Date Permission granted on:	2 3/8"		1680'	
Rotary Cable Rig X	2 37 3			
Total Depth (feet): 1738 '				
Fresh Water Depth (ft.): 30'-100'				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A	1	1	1	
OPEN FLOW DATA	· ·			
Producing formation Keener-Big I	niun Pav	zone depth (f	ft) 1316'-14	404 <b>'</b>
Gas: Initial open flowMCF/d Oi	l. Initial open	flow	Bbl/d	
Final open flow show MCF/d	Final open flo		Bbl/d	
Time of open flow between initial and	I final tests	72 Ho	ours	
Static rock Pressure vacuumpsig (surf	ace pressure)	after 72 I	Hours	
Static fock Plessure_vacuumpsig (suri	acc probbato,			
Second producing formation Salt S	and Pavz	one depth (ft	962'-966	Ť
Gas: Initial open flowMCF/d Oi	1. Initial open	flow	Bbl/d	
Final open flow show MCF/d	Final open flo	)W	Bbl/d	
Time of open flow between initial and	final tests	48 H	ours	
Static rock Pressure 16 psig (surf	ace pressure)			
NOTE: ON BACK OF THIS FORM PUT THE	FOLLOWING	G: 1). DETAII	LS OF PERFORA	ATED
DETERMATE EDACTIONIC OF STIMIN AT	ING PHYSIC	AL CHANGE	, EIC. 2). IRE	WELL
LOG WHICH IS A SYSTEMATIC DETAILED	D GEOLOGIC	AL RECORD	OF ALL FORM	LATIONS,

INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Roberts Geologist

By: Rocky

Signed:

## PERFORATIONS:

Salt Sand

962' - 966' 16 shots

Keener

1316' - 1332' original perfs(never treated)

Big Injun

1400' - 1404' 16 shots

#### TREATMENT:

Salt Sand was only perforated and not treated

Keener was acidized with 1000 gallons 15% HCL and 100 bbls treated water. BDP: 1340 psig, Rate; 5 BPM  $\,$ 

Big Injun was frac'd with 500 gallons 15% HCL acid and 300 bbls gelled water. BDP: 1950 psig, ATP: 700 psig, Rate: 5 BPM, ISIP 550 psig 5 min SIP 500 psig

## FORMATIONS:

See original completion report.

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WR-35 EVED Gas  RECE of oil and Gas  State of Division of En			-1.41	00	
WR-35 WE Gas		ĐA <sup>s</sup>	τε: 7/1 <del>4</del> /	99 5-01678	
ECENI and		API	#: 17 0	5-01/270	
Ricolom 1999 State of	f West Virginia		7/-7	3-01618	
Office of S	vironmental Pro	otection		•	
Office of Oil and 1999  Office of Oil and 1999  State of Division of En Section	of Oil and Gas	_			
John Divisir Project			eviewed		
Office Of	's Report of We	ll Work			
- Environ	0 0		c · _ L	11 # /	,
LOCATION: Elevation: 625	Ound	1/a	. 11.		
LOCATION: Elevation:	Quad	rangle: ///	W MIC	Z a Moras	
District: Lincoln	Cour		Tyler		
Latitude: 14,420 Feet South of 3	Q Deg Z	Min of	Sec	<del></del>	
Longitude 4.560 Feet West of 8	Deg. 3	Min 4	Sec.		
Longitude 4,300 rect west of 8	7_DC5 <u>OC</u>	·	<u>a_</u> 5a.		
Company: Saucho Oil & Gas	Corpora	tion			
	Casing &	Used in	Left in well	Cement fill	
P.O. BOX 179	Tubing	drilling		up Cu. Ft.	
Address: St. Marys WV 26/70					
12 mar 4 m 2010					
Agent: Loren E. Bugley					
Inspector: Mike Underwood	<b> </b>				
Date Permit Issued: 4/15/97	16"	68'	ves	To Surfac	_
Date Well Work Commenced: 4/2/6/97	103/4	620'		To Surface	
	711	1700.8	yes		
Date Well Work Completed: 5/14/97 Verbal Plugging:	Ran		less fr	To Surface om 1161.8 to	
Date Permission granted on:	Kan	7" tiber	glass or	AM //0/. 0 70	1281
Rotary Cable Rig	<del> </del>	<del> </del>	<del> </del>	<del> </del>	
Total Depth (feet): /738  Fresh Water Depth (ft.): 25		<del>                                     </del>			
riesu water Deptu (it.): 25	<u> </u>	<b></b>	<del> </del>		
Colt Mater Denth (ft ):			<u> </u>		
Salt Water Depth (ft.):	<u> </u>			<del>                                     </del>	
Ye and being mined in one (NOD)	<del> </del>	-	-		
Is coal being mined in area (N/Y)?  Coal Depths (ft.):	-				
Coal Depths (ft.): N/A	I		i	i	
OPEN FLOW DATA				•	
OFEN FLOW DATA					
Producing formation Big Line	Day 7	one depth (ft)	1711-1	777	
Gas: Initial open flow O MCF/d Oil:				302	
Final open flow Very, MCF/d I			BPNq		
Time of open flow between initial and i					
Static rock Pressure 15 psig (surfa	ce pressure) at	ter <u>24</u> Ho	ours		
Second producing formation	Pay zoi	ne depth (ft)			
Gas: Initial open flow MCF/d Oil:					
Final open flowMCF/d 1					
Time of open flow between initial and i			2		
Static rock Pressure psig (surfa	ce pressure) a	fterHo	ours		
<del></del>					
NOTE: ON BACK OF THIS FORM PUT THE					
INTERVALS, FRACTURING OR STIMULATI					
LOG WHICH IS A SYSTEMATIC DETAILED	) GEOLOGICA	AL RECORD (	OF ALL FORM	ATIONS,	

INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Bag ley

Signed:

By:

Sistersville #1. Tyler County, West Virginia State permit number 47-095-01678.

September 26, 1997 -

Ran Cement Bond Log

First Stage

14:25

07-19-99

Perforated the Big Lime 1316-1332 - 41 holes

Possible Gas

 Cow Run Sand
 960
 968

 Third Salt Sand
 1117
 1175

Big Lime , 1296 1336

Keener Sandstone 1340 1366

Big Injun 1387 1508 Show Oil and Gas

# 095 1678 (3) Hall Page\_\_of\_\_\_

	<u> </u>	ALE C	JE W	<u> </u>	VIRGII	VIA			
DEPARTME	NT OF	ENER	RGY,	DIV	<b>ISION</b>	OF	OIL	AND	GAS
	WELL	WORK	PER	MIT	APPLIC	CAT	ON		

				-524			(3)	510
Τ)	Well Ope	rator:	Sancho O	il and Gas	Corporation	1440cs	<u> </u>	
2)	Operator	's Well	Number:	Sistersvi	lle #1			:63.1
4)	Well typ	e: (a)	Oilx_/	or Gas	<u>x</u> /	Issued of Expersis of	0415197	
		(b)	If Gas:	Production Deep	/ Undergr	ound Stora		
7	Proposed	Target	Formation	ı(s): Keen	er and Big :	Injun		
23384				0			RECEIV	of
	Approxim	ate fres	h water s	strata dept	hs:100	1	Environmental Pro	otection
				_			* 38 3 ·	1997
				epths: N			Permittin	ng .
	Approxim	nate coal	seam dep	oths: N/A			Office of Oil	L Gas
10)	Does lan	d contai	n coal se	eams tribut	ary to acti	ve mine?	Yes/	No_x_/
	Lylord . Direction	l well and	orizontal   Stimulat   <u>CASIN</u>	Approximat e IG AND TUBI	ner and Big ely 3000' ti	hru the Bi	g Injun S	and
LABE	1/6/9	300 100 s	In IMP	TIONS	FOOTAGE IN	TERVALS	<u> </u>	EMENT
Wel		W Size	PEGIFICAT WWW. Grade	Weight	For drilling	Left in well	i i	-up ft.)
Cond	uctor	13 3/8		48.0		60. B	3081811	13
Fres	h Water					38CS	Klatte &	
Coal	$\longrightarrow$						70 M	nel )
Inte	<del>rmediate</del>	10 3/4	J-55	40.5		6301	CTS	
	uction	7	J-55	20.0		1740'	CTS	
Tubi	ng Maket	Z.					- 38C	K[EX]]
Line	rs XIII	after au	ectionis	Leternines	please.	Dendin a	liection	
PACK	<u>ERS</u> : Kir	nd 6001	dinatio	& Stirated	lenyoh	to be a	ddelto	
		ths set	Kern	timer & Fla	6.			
10	is	F	or Diviso	on of Oil a	and Gas Use	Only		
) <u>//</u>	` _Fee(s) g	paid:	Well w	Work Permit	: Reg1	lamation F	and I	WPCP
	Plat (	WW-9	W www	-2B (1) I	Bond Blin	Her c		Agent
7/	Ź	/			(	Type)		

	1 of WW2-A	1)	Date: March 21, 1997 Operator's well number	
)9/8		-,		
	t Copy	3)	Sistersville #1 API Well No: 47 - 09	5 - 1678
			State - Cour	nty - Permit
		STATE OF WEST		
		DEPARTMENT OF ENERGY, DI		RECEIVED
		NOTICE AND APPLICATION F	OR A WELL WORK PERMIT	Environmental Protection
4)	(a) Name	wner(s) to be served: William P. Ingram	5) (a) Coal Operator: Name Address	MAR 3 1 1997
	Address _	Sistersville, wV	Address	Permitting
				Office of Oil & Gas
	(b) Name		(b) Coal Owner(s) with	
	Address _		Name	
	(a) Namo		Address	
			Name	
	Address _		Address	
6)	Inspector	Mike Underwood	(c) Coal Lessee with I	Declaration
	Address _	West Union, WV	Name	
			Address	
	Telephone	(304)782-1043		
	Telephone			
	Telephone	to the person(s) named ab		
	Included	TO THE PERSON(S) NAMED AB	OVE TAKE NOTICE THAT: other continuing conti	
conti	Included	TO THE PERSON(S) NAMED AB  is the lease or leases or which I hold the right to	OVE TAKE NOTICE THAT:  other continuing cont	ract or
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St. Marys, WV 26170-0179

Telephone (304) 684-7053

Subscribed and sworn before me this 3 day of 702

My commission expires

Janit L Wordbeam

\_\_\_\_Notary Public