(206)

State of West Virginia DEPARTMENT OF ENERGY

Division of Oil and Gas

Well Operator's Report of Well Work

RECEIVED
Division of Energy
of Energy

Farm name:	MITCHELL, LOVENA Z.	Operator	Well No.:	P-94FB 2	or Energy
LOCATION:	Elevation: 946.93 Quad	rangle: M	ILTON	Oil and Gas	v 9¶ ting
	District: GRANT Latitude: 8200 Feet Sou Longitude 4700 Feet Wes	th of 38		LL Sec.	Section
P.	THEASTERN GAS CO. O. BOX 2347 RLESTON, WV 25328-2347	&	Used in		Cement Fill Up Cu. Ft.
Agent: FRE	D A. RADFORD				
Permit Issu	JERRY HOLCOMB ed: 08/30/90 commenced: 09/14/90	Size 			
Well work Completed: 10/02/90 Verbal Plugging Permission granted on:		8 5/8"	846 ft.	846 ft.	225 sks.
Total Depth	Cable Rig (feet) 2681' depths (ft) 238'	4 ½"		2677 ft.	150 sks.
Salt water	depths (ft) 1645' & 2075'				agent photographs
Is coal bei Coal Depths	ng mined in area (Y/N)?N (ft):N/A				
OPEN FLOW D	PATA	,			·
Gas: I F T	ing formation Berea Sand nitial open flow Show MCF, inal open flow 20 MCF, ime of open flow between is rock Pressure 490 psi	/d Oil: I /d F: nitial and	inal open fi d final test	flow <u>Show</u> low 18 ts 15	Bbl/d Bbl/d Hours
Second Gas: I F	producing formation nitial open flow MCF, inal open flow MCF, ime of open flow between in	/d Oil: Ii /d F:	Pay zone onitial open inal open fl	depth (ft flowlow	Bbl/d Bbl/d
	rock Pressure psi	g (surface	e pressure)	after	Hours 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.

SOUTHEASTERN GAS CO.

By: Fred A. Radford Vice President-General Manager Date: October 8, 1990

Perforations: Berea Sand 14 holes (2573'-2582') Breakdown Berea w/500 gallons 15% HCl @ 2273 psi.

75Q Foam Frac w/N2

40,000 lbs 20/40 sand, N₂ 403,000 sft.³ Total Sand Laden Fluid 258 bbls.

Avg. Pressure 2200#

ISIP 1874 psi

Max. Pressure 2800#

5 min. SIP 1774 psi 10 min. SIP 1731 psi

Min. Sand Con. 2 lb/gal. Max. Sand Con. 8 lb/gal

5		DRILLER'S RECOR	D		
Formation	Тор		Bottom		Remarks
Sand & Shale	0		362		Fresh Water 0238 ft.
Sand	362		508		riesii water 6230 It.
Sand & Shale	508		906		
Sand	906		980		
Sand & Shale	980		1466		
Salt Sand	1466		1655		C-3+ 11 1 04645
Shale	1655				Salt Water @1645 ft.
Maxton Sand	1685		1686		
Shale	1709		1709		
Little Lime	1792		1792		
Pencil Cave Shale	1808	• • • • • • • • • • • • • • • • • • •	1808		
Big Lime			1835		
Shaley Lime	1835		1988		
Injun Sand	1988		2054	444	
Weir Shale	2054		2139		Salt Water @2075 ft.
	2139		2530		
Sunbury (Coffee) Shale	2530		2571		
Berea Sandstone	2571		2584		Show of 0il @2575 ft.
Devonian Shale	2584		2681		
			2681'		Driller's Total Depth
			26821		Logger's Total Depth

	1 of 3 WW2-A			1)	Date:	August 27, 1990	· · · · ·
	87)	*		2)	Operator	's well number P-94 No: 47 - 011	•
File	Сору			3)	API Well	No: 47 - 011	- 0846
						State - County	- Permit
			STATE OF	WEST	VIRGINIA		
	, w	DEPARTMEN'	r of energ	Y, DI	VISION OF	OIL AND GAS	
		NOTICE AND	D APPLICAT	ION F	OR A WELL	WORK PERMIT	
4)		wner(s) to			5) (a) C	coal Operator:	
	(a) Name	Lovena Z.	Mitchell 450	·	Name	N/A	
	Address _	Rt. 1. Box Barboursvi	119 11e WV 2550	14	Address		
	(b) Name	Dan Doar SVI	110, 117 2000		(b) Coal	Owner(s) with D	eclaration
,	Address _				Name	See Attachment "A".	. Craracion
					Address		
	Address			***********			
		· · · · · · · · · · · · · · · · · · ·			Address		
		·					•
6)	Inspector	Tim Benne	tt.		(c) Coal	Lessee with Dec	laration
	Address _	Rt. 2, Bo	ille WV 2	5508	Name	N/A	W
	Telephone	(304)85	5-7705	<u> </u>	Address		
	-	TO THE PERS	SON(S) NAMI	ED ABO	OVE TAKE	NOTICE THAT:	
Secti I hav	Included ion 8(d) or I certify we served or mpanying do Perso Cert: Publ:	the I hold is the info the Code that as recopies of the Code that are	ormation recommended in the right of West Vice (Affiday (Postmarke) tice of Public Public (Postmarke) tice of Public Public (Postmarke) tice of Public Public (Postmarke)	t to equired irginited and ough ough ough ough ough ough ough ough	extract of the second s	B of the West Virion, a location per above named particular attached)	e 1, rginia Code plat, and rties,by:
famil attac respo	ie terms and I certify it is a single in the	nd conditio under pena the informa nd that bas	ons of any lty of law tion submined on my into the information of the information of the linguistic of	permi v that itted inguir	t issued I have posting the second this are second the	38 CSR 11-18, and under this applipersonally examinapplication form se individuals in the inf	ication. ned and am and all
1.15	I am aware	that ther	e are sign	nifica	nt penali	ties for submitti	ng false
intor	mation, ir	iciuaing th	e possibil	lity o	of fine an	nd imprisonment.	
			By:	$\frac{1}{2}$	(b) (ac	York	
		•	Its:Address		Vice Pres		
						on, WV 25328-2347	
C - 2		· · · · · · · · ·	Telephone		304-343-9		
SUDSC	riped and	sworn befo	re me this	27th_	day of _	August	, 19 <u>90</u>
		_ BAN	MUA)	1. Th	HLAM	AF A	ary Public
му со	mmission e	xpirés	May 24, 2	993		NOL	ery rubile

FORM WW-2B

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STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

1)) Well Operator:			SOUTHEASTERN GAS COMPANY 46400 (3) 476					
2)	Operato	or's Well	Number:_	P-94		3) El	evation: <u>946.9</u>		
4)	Well ty	/pe: (a)	0i1 <u>X</u> /	or Ga:	5_/				
		(b)	If Gas:	Production Deep	n_/ Undergr	round Storag Shallo	e/ w/		
5)	Propose	d Target	Formation	n(s):	Berea 3	10 to			
6)	Propose	d Total D	epth:	2730	feet		A .		
7)					ths:		3		
8)									
9)				oths:					
10)	Does la	nd contai	n coal se	eams tribut	ary to acti	ve mine? Ye	es/ No_X/		
11)	Propose	d Well Wo	rk: Dri	11 and compl	ete. Www	Well			
12)					NG PROGRAM				
TYPE		S	PECIFICAT		FOOTAGE IN	ITERVALS	CEMENT		
COLUMN TO THE PROPERTY OF THE		Size	Grade	Weight per ft.	For drilling	Left in well ;	Fill-up		
Condu	ctor	8-5/8	K	24	720	720	180		
Frest	Water_						381811,3		
Coal									
Inter	mediate		erstemministration en la destruction de la company de la c						
Produ	ction	4-1/2	K	10.5	2730	2730 🛶	200		
Tubir	ıg						365R1811.1		
Liner	S								
PACKE	RS : Ki								
		zes pths set _			*				
5 44	Fee(s)	Δ	4	ork Permit		Only amation Fund	WPCP Agent		