



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

State of Mest Hirginia DEPARTMENT OF ENERGY

wil und Vas Bivision

Date	11/9/8	37		
operato Well No		-ADS		
Farm	Doroth	ıy-Sar	ita	1. 1
API NO	47 _	081	-	800

WELL OPERATOR'S REPORT

DRILLING.	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE
	TIA ICT CICE II					

OCATION: Elevation: 1680' Watershed	<u>]</u> L:	ittle Mars	h Fork		: :
District: Marsh Fork County				Dorothy	7-1/2
			•		y
					7
OMPANY Peake Operating Company 423 Charleston National Plaza	- !,		·		Cement
DDRESS Charleston, WV 25301.	_	Caşing	Used in	Left	fill up
PESIGNATED AGENT Timothy K. Wilcox		Tubing	Drilling	in Well	Cu. ft.
ADDRESS Same	<u> </u>	Size		•	
SURFACE OWNER CSX Minerals Inc.	<u> </u>	20-16 Cond.	20	20	CTS
ADDRESS Huntington, WV	;	13-10"			
MINERAL RIGHTS OWNER Same		9 5/8	461	461	175 sks.
ADDRESS	<u> </u>	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK		7	1591	1591	200 sks.
Rodney Dillon ADDRESS Sophia, WV		5 1/2			3.1 . 4.1.
PERMIT ISSUED 9/28/87	· 	4 1/2	5298	5298	115 sks.
DRILLING COMMENCED 10/13/87	;	3			(foam c#
DRILLING COMPLETED 10/21/87		2		24.	1 11 1
IF APPLICABLE: PLUGGING OF DRY HOLE ON	•	2			
CONTINUOUS PROGRESSION FROM DRILLING OR	1	Liners			
REWORKING. VERBAL PERMISSION OBTAINED ON	•	used			
		}		. 4920-5	197 For
GEOLOGICAL TARGET FORMATION Lower H					
Depth of completed well 5342 f					. •
Water strata depth: Fresh 50 f			•	سعور	
Coal seam depths: 89'		Is coal	. being mi	ned in the	e area? <u></u> N
OPEN FLOW DATA		1			
Producing formation Devonian Shale (և. Huı	con) pa	ay zone de	oth 4532-	⁵¹⁷⁵ fe
Gas: Initial open flow 7 (net) Mc					
Final open flow (793) coming led %					
Time of open flow between					
Static rock pressure psig(s					
			diency are		
(If applicable due to multiple comp	ietio:	n/	one do	~+b 3576	–3594 <i>€c</i>
Second producing formation Gor					
Gas: Initial open flow		` 0:1. F	inal open	ilow	Bb]
Final open flow 793 comingledM					
	n ini	tial and	final test	s 4 1	nours

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

Perforated Devonian Shale with 30 holes from 4532-5175.

Nitrogen Frac: 1000 gal. 15% HCL, 1.8 MM SCFN₂, 10 perf balls.

No clean break; ATP 2750#, ISIP 2200#, 15 min. SIP 1800#.

Perforated Gordon 16 holes, 3579 to 3589.
75 Q Foam frac with 500 gal. 15% HCL; 60,000# of 20/50 sand; 450 MCFN2; 263 total fluid (including acid). BDP 1600#, ATP 1640#, ISIP 925#, 15 min. SIP 700#.

WELL LOG

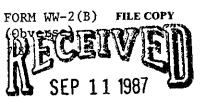
Sandstone Sand & Shale Sandstone Sand & Shale Sandstone Sand & Shale Sandstone Sand & Shale Sandstone Shale Sandstone Shale Sandstone Shale Sandstone Sand & Shale Sandy Shale	DRMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
	Sandstone Sand & Shale Sandstone Sand & Shale Sandstone Shale Limestone Sand & Shale Sandstone Pencil Cave Big Lime MacCrady Sandy Shale Weir Sandy Shale Sunbury Shale Sunbury Shale Berea Sandy Shale Gordon Devonian Shale Lower Huron Devonian Shale	390 890 1498 1688 1748 1870 1903 2351 2439 2450 2840 2927 3094 3148 3356 3372 3403 3576 3594 4532 5197	890 1498 1688 1748 1870 1903 2351 2439 2450 2840 2927 3094 3148 3356 3372 3403 3576 3594 4532 5197	Gas checks: 2460 - No show 2675 - No show 2856 - 65/10 W 1" = 85 MCFD 3626 - 16/10 W 1" = 42 MCFD 4604 - 6/10 W 1" = 26 MCFD 5030 - 10/10 W 1" = 33 MCFD

(Attach separate sheets as necessary)

PEAKE OPERATING COMPANY	
Well Operator	
	•
By: Muleeller	
Date: 1/-18-87	

Note: Regulation 2.02(i) provides as follows:

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





1)	Date:	 SEPT	_, 1 <u>9 187</u>
			_

2) Operator's DOROTHY SARITA # 14-ADS

0800 Permit 3) API Well No. State County

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

WICHINGH	OI DI	LLICOX	, 012 1		-,	
APPLIC	ATION	FOR A	WELL	WORK	(PER	TIN

34. / (14.11)				٠.						
4) WELL TYP			/ Ga			_/ Underground st		/ Deep	/ Shallow .	X n
		"Gas", P	roduction 1480			Watershed: ∠		rsh Fork	, 511411011	
5) LOCATION		*auou	1 APS		ORK	*I	HEIGH DR	Quadrangle: D	ZOTHY -	71/21325
6) WELL OPE			Ones A	TWIR	COD	E: 37/00	n DESIGNATED	AGENT _T_K_	WILSOX	,
	RATUR 1	23 CH	NZI EST	101/ Y	LATL P	LAZA	Address	SAME		
Address		IARLES				301 109				
8) OIL & GAS) DRILLING CO	NTRACTOR:		
•		DNEY					Name	INKNOWN	<u>,</u>	
Name	Be		26				Address			
Address		PHIA	$\overline{\omega}$	7.0	921					
			Drill		/ Drill	deeper	/ Redrill	/ StimulateX		
10) PROPOSE	D WELL	WUKK:				Perfora				
						well (specify)				
11) GEOLOGI	C41 T4D	CET EODI	OHIEL P.	nysicai D	E'UDN	INN SHA	LE 40)			
11) GEOLOGI	CALIAN	GE I FUKI	vim i tori. Manali	5	31D	feet				
12) Estima 13) Appro				4-3		feet; salt,	750	feet.		
13) Appro 14) Appro					20		al being mined in the	area? Yes	/ No_	X /
14) Appro				w ,						
* '	וו איז איז איז איז איז איז איז איז איז איז		IFICATIONS	2	,	FOOTAGE II	NTERVALS	T CEMENT FILL-UP	PACE	KERS
CASING OR TUBING TYPE	į.	1	Weight	ı			Left in well	OR SACKS (Cubic feet)		
	Size	Grade	per ft.	New	Used	For drilling	30	CTS by	386 SR	18-11.3
Conductor	121/2		777	- 5	 	460	460	CTS DV	38 CSR	18-11.22
Fresh water	95/8	14.55	32		-	760		1	Sizes 7	38CSR18-11,2
Coal			17	>	 -	1650	1650	150 SKS OR AS	RED BY	AUG 15:05
Intermediate	7	J 55		X	 	5305	5305	300 SKS OF AS		RUT 15,01
Production	442	J 55	9,5			3 303			3	SCSU 11-11
Tubing	23/8	 	 	×	 				Perforations:	
Liners	 -	 	 	!					Тор	Bottom
	 -	}	 	 			 			
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	1	<u></u>	L	<u>. </u>		J				
						OFFICE USE	ONLY			
·-						DRILLING PE				
	47-	081-08	nn			DAGEDER		SEptember	28,	19 87
Permit number_	4/-	.001-00			<u>. </u>	_		Da		
										entinent legal re
This permit cov	ering the v	vell operate	or and we	ll locat	ion show	n below is evidence	of permission gran	ted to drill in accordar	and Cas Inspe	ector (Defer to
quirements subj	ect to the o	conditions	contained	nerein	and on t	any nermitted work.	In addition, the	iven to the District Oil well operator or his cor	itractor shall n	iotify the proper
district oil and i	gas inspect	or 24 nour	2 Deloie 9	iciuai p	CLIMITETED	WOLK HES COMMISSION	,			
The normitted to	ork is as d	lescribed is	n the Noti	ce and	Applicati	on, plat, and reclam	ation plan, subject	to any modifications a	end conditions	specified on the
reverse hereof.		tembe								
Permit expires) Lember				unless wel	I work is commence	d prior to that date and	i prosecuted wi	ith due dingence.
•								^	•	
			AAL	A.C	12	Too W	(1) AAD	Other		
Bond:	Agen	ジーグ		13		230 XX			11	
				<u>// </u>	;	0 - 2/4		: // /\		
				•	4	06/5	//	Y HVI	nL	
						_	U /6	KALA-MI	4-V	-
NOTE: Keep	one copy o	of this perr	nit posted	at the	drilling l	ocation. D	irector Di	viston of Oil	and Gas	File
			. the	ree cld-	of the A	PPLICANT'S COP	Y for instructions t	o the well operator.		
		Set	e ine tevel	se side	OI THE V	I LICANI 3 COL		· · · · · · · · · · · · · · · · · · ·		