

State of West Virginia Division of Environmental Protection

Section of Oil and Gas

Reviewed MB

Well Operator's Report of Well Work

Farm Name:	Ford, Patricia A	L, Etal		eg ,	Operator Wel	ll No.:	508304		
LOCATION:	Elevation: 2	357'		Quadrangle:	Dorothy			Γ	RECEIVED
	District: C	lear Fork		County:	Raleigh	Minutes	Seconds		Office of Oil & Gas Permitting
	Latitude: Longitude:	10,930 8680	Feet South of Feet West of	38 81	Deg. Deg.	0 25	0 0		JUL 0 8 2002
Company:	Equitable Prod P.O. Box 2347, Charleston, W	1710 Peni	mpany nsylvania Avenue		Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.	WV Department of nvironmental Protection
Agent:	Stephen G. Per	rdue			16"	30'	60'		
Inspector: Permit Issued:	Well work c			.	9 5/8"	1423'	1423'	514.3 ft³	·
Verbal Pluggin	Well work g Permission	•		•	7"	3030'	3030'	597.5 ft³	i
Rotary Rig Total Depth Fresh water de	X 6005 f	Cable R	كني كالتراجي كني والتراجي	- -	4 1/2"	6008.6'	6008.6	396.8 ft³	
Salt water dept	ths (ft)			- - ·					
OPEN FLOW	ft): 330'-335'; 815'-8 <mark>2</mark> DATA		e; Upper Shale; We	- - -			Pay Zone	Depth (ft):	See Attach for details
		al open flo	w: 1040 etween initial and fir	MCF/d MCF/d	Oil: Initial Fin	open flow al open flow:	Hours	Bbl/d	
	Static rock pres	ssure	606		ce pressure) a	fter	<u> </u>	Hours	
		en flow al open flo		MCF/d MCF/d	Oil: Initial Fin	open flow all open flow	<u> </u>	Depth (ft): Bbi/d	
	Static rock pres				ce pressure) a	fter	- 	Hours	·
FRACTURING	OR STIMULATIN	NG, PHYSI	HE FOLLOWING: CAL CHANGE, ETO LL FORMATIONS,	C. 2) THE WE	ELL LOG WHIC	CH IS A SYS	TEMATIC	ORE.	
				For	: Equitable Pro	ediction Com	npany		

AUG 2 2002

EQUITABLE PRODUCTION COMPANY WR-35 COMPLETION REPORT - Attachment Well Treatment Summary

Well: WV-508304-Kanawha Valley Bank API# 47-081-01266

Date	04/25/02	04/25/02	04/25/02			
Type Frac Acid, N₂, Foam , Water	√N² N²	N ² AUE	∌a Foam (44)	REAL AND THE REAL PROPERTY.		
Zone Treated	Lower Devonian	Upper Devonian	Weir			
# Perfs From - To:	50 5227' – 5985'	50 4036' – 4776'	27 3645' – 3694'			
BD Pressure @ psi	3250	2790	2180			
ATP psi	3185	2440	2945			
Avg. Rate, B=B/M, S= SCF/M	55,770 S	55,450 S	32 B (foam)			
Max. Treat Press psi	3240	2540	3500		HALLS AV	1
ISIP psi	2340	1740	1550		Onlog of Un	Contract of
Frac Gradient	.41	.39	.50		4.,,	
10 min S-I Pressure	1890	1470	1420		nn 6 9	2002 1
Material Volume Sand-sks			72 6		VALUE CONTRACT	1 1
Water-bbl			223		Environmenta	Fro. iction]
SCF N ₂	1,050,300	1,044,600	892,715			
Acid-gal	750 gal 7 1/2%	750 gal 7 ½%	500 gal 15%			
NOTES:					<u> </u>	<u> </u>

TOP	воттом	FORMATION	REMARKS
	2196	SALT SAND:	GT @ 2911' = NS
		LOWER	GT @ 3103' = NS
3084	3110	MAXTON:	
3149	3216	LITTLE LIME:	
3235	3518	BIG LIME:	GT @ 3260' & 3418' = NS
3643	3656	UPPER WEIR:	GT @ 3576' = NS
3664	3694	MIDDLE WEIR:	GT @ 3701' = NS
3774	3783	LOWER WEIR:	GT @ 3922' = NS
4016	4034	SUNBURY:	GT @ 4111' = NS
4034	4077	BEREA:	GT @ 4300' = NS
4330	4344	GORDON:	GT @ 4615' = NS
5226	5986	LOWER HURON:	GT @ 4925' = odor
		LOWER HURON	GT @ 5209' = odor
5252	5281	SILTSTONE:	••
5986		JAVA:	GT @ 5520' = odor
6026		TD	