Submit within 45 da	ys of	State of New Mexico				Revised February 15, 2012 1. WELL API NO. 30-015-40273				
well completion		Energy, Minerals and Natural Resources								
		Oil Conservation Division				2. Well Name: BURCH KEELY UNIT #584				
1220 S. St Francis Dr.						3. Well Number: 584				
Santa Fe, NM 87505							4. Surface Hole Location:			
HYDRAULIC FRACTURING FLUID DISCLOSURE							Unit:N Lot:N Section:18 Township:17S Range:30E			
							Feet from:660 N/S Line:S			
⊠ Original						Feet from: 1295 E/W Line:W 5. Bottom Hole Location:				
☐ Amendment									hip:17S Range:30E	
							Feet from:660 N/S Line:S			
						Feet from: 6. latitude		E/W Li		
							32.8291620		ongitude:	
							32.0231020		104.015421746459	
							Eddy			
8. Operator Name and Address:						9. OGRID: 10. Phone Number:				
COG OF				229137 432-685-4332						
One Concho Center 600 W. Illinois Ave										
Midland 79701										
11. Last Fracture Da		3/2012	Frac Perforn	ned by: Haliburton		12. Production Type:				
40.5 10.11		***********		60 700 00000000000000000000000000000000		0				
13. Pool Code(s): 97918						14. Gross Fractured Interval: 4,200 ft to 4,450 ft				
15. True Vertical Depth (TVD):						18. Total Volume of Fluid Pumped:				
4,672 ft						2,628 bbls				
17. HYDRAULIC FI										
Trade Name	Supplie	r	Purpose	Ingredients		#) Chemical act Service	Maximum Ir Concentration		Maximum Ingredient	
					#		Additive (%	by mass)		
Fresh Water	Opera	tor		1				100%	Fluid (% by mass) 85.76952%	
FE Acid < 10%	Hallibu							100%	1.66764%	
CRC 16/30	Hallibu	ırton						100%	1.40492%	
Premium Brown	Hallibu	ırton						100%	10.70833%	
16/30	I I allia		la:tiatas	Ethylana alvaal	407.0	14.4		200/	0.046400/	
BC-140 X2	Hallibu	ıπon	Initiator	Ethylene glycol Monoethanolamine	2603	21-1 8-87-9		30% 100%	0.01619% 0.05395%	
100	1		3.32	borate	2003	0-07-5		10070	0.0339370	
BE-7™	Hallibu	ırton	Biocide	Sodium hydroxide	1310-	-73-2		2%		
				Sodium	7681	-52-9		30%	0.0137%	
LaQuet 200D	Hallib	unt a m	Ourfootont	hypochlorite	05.63	0.6		40/	0.000700/	
LoSurf-300D	Hallibu	inon	Surfactant	1,2,4 Trimethylbenzene	95-63	5-b		1%	0.00079%	
	1		E.	Ethanol	64-17	7-5		60%	0.04714%	
				Heavy aromatic		2-94-5		30%	0.02357%	
				petroleum naphtha						
				Naphthalene	91-20			5%		
				Poly(oxy-1,2- ethanediyl),alpha-	1270	87-87-0		5%	0.00393%	
				(4-nonylphenyl)-						
				omega-hydroxy-,						
				branched	-1	Completed to				
CAT-3	Hallibu	ırton	Activator	EDTA/Copper	1000	dential		30%	0.01999%	
ACTIVATOR				chelate	Busin	ness nation				
HpH BREAKER	Hallibu	ırton	Breaker	Sodium chloride	7647-			30%	0.00026%	
SUPERSET W	Hallibu		Activator	Methanol	67-56			60%	0.02851%	
			8	Ethoxylated		dential		60%	0.02851%	
				Nonylphenol	Busin					
OPTIFLO-HTE	Hallibu	ırton	Breaker	Crystalline silica,		nation 8-60-7		30%	0.00196%	
J E0 111E	· idinot		D. Sanoi	quartz	. 700			50 /0	3.0013070	
			¢.	Walnut hulls	Mixtur			100%		
K-35	Hallibu		Buffer	Sodium carbonate	497-1			100%		
WG-36 GELLING	Hallibu	ırton	Gelling	Guar gum	9000-	-30-0		100%	0.1499%	
AGENT 18. I. as Operator, he	ereby cert	ify that	Agent the information	shown on this disclosure	form is	true and con	plete to the h	est of my	knowledge and belief	
2 24 20 2										
_	Signed E 10/1/201:		nically	Printed Name: Brian M	aiorino)	Title: F	cegulato	ry Analyst	
\ <u>-</u>			ncho.com							
	marvilli	Jagoo	TITOO.COTT							

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.