Submit within 45 days of well c	days of well completion State of New Mexico						Revised November 6, 2013			
	Energy, Minerals and Natural Resources						1. WELL API NO. 30-015-41961			
Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505						2. Well Name: MJ STATE #004  3. Well Number: 004				
										LIVDDALII IC ED
HYDRAULIC FRACTURING FLUID DISCLOSURE						Unit:D Lot:4 Section:2 Township:18S Range:27E Feet from:1200				
⊠ Original						5. Bottom Hol	e Location:	6302	100000	
□ Amendment						Unit:D         Lot:4         Section:2         Township:18S         Range:27E           Feet from:960         N/S Line:N           Feet from:958         E/W Line:W           6. latitude:         longitude:				
						32	2.7800727182019		13427	
						7. County: Ed	dy			
8. Operator Name and Address:					9. OGRID:	873	10. Phone Number	: 432-	818-1062	
APACHE CORP 303 Veterans Airpa Suite 3000 Midland 79705	rk Lane									
						on Type:				
13. Pool Code(s):					O 14. Gross Fra	U ractured Interval:				
96836 15. True Vertical Depth (TVD):						3,071 ft to 3,809 ft tal Volume of Fluid Pumped:				
3,809 ft					20	208,866 gals				
17. Total Volume of Re-Use Water Pumped: N/A						ercent of Re-Use Water in Fluid Pumped: Not Disclosed				
19. HYDRAULIC FLUID	COMPOSITION	AND CONCENTR	ATION:						100	
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #		Maximum Ing Concentration	redient in Additive (% by	Maximum Ingre Concentration	edient in HF Fluid (% by	
Water	Operator	Carrier	Water	7732-18-5		mass)	100%	mass)	86.63712%	
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14- Secondary, Ethoxylated	84133-50-6			70%		0.01362%	
K ALL MARK	V-1100		Methanol	67-56-1			50%		0.00973%	
Alpha 125 GBW-5	Baker Hughes	Biocide Breaker	Water	7732-18-5 7727-54-0			75%		0.01717%	
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	1121-54-0			100%		0.00249%	
GBW-15L	Baker Hughes	Breaker	Enzyme solution	Trade Secret		8	100%		0.03315%	
ClayTreat 4390	Baker Hughes	Clay Control	Non-hazardous ingredients (non- MSDS level ingredients are disclosed as dissociated components)	n/a			100%		0.05476%	
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	8			30%		0.04215%	
			Sodium Hydroxide Sodium Tetraborate				10% 30%		0.01405% 0.04215%	
	/		Decahydrate							
GW-4 NE-35, 330 gl tote	Baker Hughes Baker Hughes	Gelling Agent Non-emulsifier	Guar Gum Mixture of	9000-30-0 Trade Secret			100% 50%		0.22054% 0.04481%	
The state of the s	30 according to 100 pt	200000000000000000000000000000000000000	Surfactants	57-55-6			2004		0.000000	
Sand, Brown, 16/30	Baker Hughes	Proppant	Propylene Glycol Crystalline Silica (Quartz)	14808-60-7		30% 100%			0.02689% 10.41387%	
SiberProp, 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7			100%		2.23871%	
InFlo 250G, 330 gl tote	Baker Hughes					30% 50%		0.02626% 0.04376%		
			Surfactants	Trade Secret			3430/5		1. E-020 (0.00)	
ngredients shown above			Water Choline Chloride	7732-18-5 67-48-1			30% 0%		0.02626% 0.0410684%	
are subject to 29 CFR 1910			Glutaraldehyde	111-30-8			0%		0.0068684%	
			Methanol	67-56-1		Ĭ.	0%		5.72E-05%	
20 Les Operates hands and	that the information	nown on this disaless.	Water	7732-18-5	adas	,	0%		0.0445306%	
20. I, as Operator, hereby certify: Signature: Signed El	ectronically		n is true and complete to the Fatima Vasquez	Desi Of my knowl	euge and bell		egulatory Tech			
Date: 6/4/2014										
E-mail Address: fatima.vas	quez@apachecorp	o.com				9000				

information.