

Submit within 45 days of well completion	<div>State of New Mexico</div> <div>Energy, Minerals and Natural Resources</div> <div>Oil Conservation Division</div> <div>1220 S. St Francis Dr.</div> <div>Santa Fe, NM 87505</div>	Revised November 6, 2013				
		1. WELL API NO. 30-015-41709				
		2. Well Name: D STATE #105				
		3. Well Number: 105				
<div>HYDRAULIC FRACTURING FLUID DISCLOSURE</div> <div><input checked="" type="checkbox"/> Original</div> <div><input type="checkbox"/> Amendment</div>		4. Surface Hole Location: Unit:C   Lot:C   Section:35   Township:17S   Range:28E Feet from:990   N/S Line:N Feet from:2310   E/W Line:W				
		5. Bottom Hole Location: Unit:C   Lot:C   Section:35   Township:17S   Range:28E Feet from:990   N/S Line:N Feet from:2310   E/W Line:W				
		6. latitude:   longitude: 32.7961266653036   - 104.147953409836				
		7. County: Eddy				
8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705			9. OGRID:   873	10. Phone Number:   432-818-1062		
11. Last Fracture Date:   1/21/2014   Frac Performed by: Baker Hughes			12. Production Type: O			
13. Pool Code(s): 96830			14. Gross Fractured Interval: 3,858 ft to 4,468 ft			
15. True Vertical Depth (TVD): 4,660 ft			16. Total Volume of Fluid Pumped: 185,136 gals			
17. Total Volume of Re-Use Water Pumped: N/A			18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed			
19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Water	Baker Hughes	Carrier	Water	7732-18-5	100%	84.544431%
Chlorine Dioxide	Baker Hughes	Biocide	Chlorine Dioxide	10049-04-4	0.3%	0%
GBW-15L	Baker Hughes	Breaker	Enzyme solution	Trade Secret	100%	0.038524%
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.007704%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.302642%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.353082%
			Petroleum Distillate Blend (2)	64742-55-8	70%	0.353082%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.353082%
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.039853%
			Sodium Hydroxide	1310-73-2	10%	0.013284%
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.039853%
ClayCare	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.035498%
			Water	7732-18-5	30%	0.014199%
Activator	Baker Hughes	Activator	Methanol	67-56-1	50%	0.021629%
			Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.03028%
Inflo 250G	Baker Hughes	Surfactant	Mixture of Surfactants	Trade Secret	50%	0.044387%
			Methanol	67-56-1	30%	0.026632%
			Water	7732-18-5	30%	0.026632%
Sand, Brown	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	11.228231%
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.001095%
SiberProp	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	2.479985%
Ingredients shown above are subject to 29 CFR 1910			Methanol	67-56-1	0%	6.4E-05%
			Water	7732-18-5	0%	0%
			Water	7732-18-5	0%	0.01926%
			Water	7732-18-5	0%	0.026569%
20. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.						
Signature: <u>Signed Electronically</u>		Printed Name: <u>Fatima Vasquez</u>		Title: <u>Regulatory Tech</u>		
Date: <u>5/7/2014</u>						
E-mail Address: <u>fatima.vasquez@apachecorp.com</u>						

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.