Submit within 45 days of well completion State of New Mexico							Revised November 6, 2013				
(2)200 (4) (1) (1) (1) (1) (1) (1)		Energy, Minerals and Natural Resources					1. WELL API NO. 30-025-34017				
Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505							2. Well Name: J H WILLIAMS #001				
							3. Well Number: 001				
HYDRAULIC FRACTURING FLUID							4. Surface Hole Location: Unit:O Lot:O Section:34 Township:19S Range:37E				
DISCLOSURE								1 0	V/S Line:S	Range.57 L	
⊠ Original								Feet from:1980 E/W Line:E 5. Bottom Hole Location:			
□ Amendment							Unit:O Lot		Fownship:19S	Range:37E	
							Feet from: 19		WS Line:S E/W Line:E		
							6. latitude: 32	2.6112876828555	longitude:		
								103.237244889735 7. County:			
							Le	а			
Operator Name and Address:						9. OGRID:	873	10. Phone Number	432-8	818-1168	
APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705											
11. Last Fracture Date: 3/5/2013 Frac Performed by: Baker Hughes 12. Produc								on Type:			
13. Pool Code(s): 14. (63780							- actured Interval: 5.754 ft to 5,800 ft				
15. True Vertical Depth (TVD): 16. To							olume of Fluid Pumped:				
5,800 ft 17. Total Volume of Re-Use Water Pumped: 18.							,028 gals f Re-Use Water	in Fluid Pumped:			
N/A	COMBOS	ITIONI ANI	D CONCENTRA	TON		No	lot Disclosed				
19. HYDRAULIC FLUID Trade Name	Supplier	ITION AN	Purpose	Ingredients	(CAS #) Chemic Service #	cal Abstract	Maximum Ing Concentration mass)	redient n in Additive (% by	Maximum Ingre- Concentration in mass)		
Water	Operator		Carrier	Water	7732-18-5			100%		58.37199%	
HCI, 15.1 - 20%	Baker Hug	nes	Acidizing	Hydrochloric Acid Water	7647-01-0 7732-18-5		20% 80%			7.90284% 31.61135%	
Alpha 125	Baker Hug		Biocide	Glutaraldehyde	111-30-8			30%		0.00264%	
ClayCare, tote	Baker Hug	hes	Clay Control	Choline Chloride Water	67-48-1 7732-18-5		75% 30%			0.05107% 0.02043%	
Clay Master-5C	Baker Hug	hes	Clay Control	Oxyakylated Amine	138879-94-4			60%		0.00884%	
CI-31	Baker Hug	nhes	Corrosion Inhibitor	Quat Aromatic Aldehyde	Trade Secret			30%		0.01089%	
				Benzyl Chloride	100-44-7			1%		0.00036%	
				Cyclic Alkanes Formic Acid	Trade Secret 64-18-6			5% 60%		0.00181% 0.02177%	
				Isopropanol	67-63-0			10%		0.00363%	
				Methanol	67-56-1			5% 5%		0.00181%	
				Organic Sulfur Compound	Trade Secret			5%		0.00181%	
				Oxyalkylated Fatty Acid	Trade Secret			30%		0.01089%	
				Quaternary	Trade Secret			30%		0.01089%	
				Ammonium Compound							
Divert S	Baker Hug	hes	Diverting Agents	1,2-Propanediol	57-55-6 68647-77-8 Trade Secret			40% 65%		0.59868% 0.97286%	
				-(Dimethylamino)				05%		0.97200%	
MaxPerm-20A, 265 gallon	Baker Hug	has	Friction Reducer	Propyl], N-Oxides Aliphatic				30%		0.02808%	
tote	Dakerring	iles	Theilon Reducer	Hydrocarbon	Trade Secret						
Ferrotrol 280L	Baker Hug	hoc	ron Control	Oxyalkylated Alcohol 2-Mercaptoethanol	Trade Secret 60-24-2			5% 100%		0.00468% 0.08247%	
Pellollol 200L	Daker Flugiles		non control	Ammonium	1336-21-6]-	5%		0.00247%	
				Hydroxide Cupric Chloride	7447 20 4			5%		0.0041204	
NE-35, 330 gl tote	Baker Hug	hes	Non-emulsifier	Cupric Chloride Mixture of	7447-39-4 Trade Secret	<u> </u>		50%		0.00412% 0.03122%	
				Surfactants Propylene Glycol	57-55-6		~	30%		0.01873%	
PK-241	Baker Hug	hes	PPS	Propane-1, 2-Diol	57-55-6		2	100%		0.06028%	
InFlo 250G, 330 gl tote	Baker Hug	hes	Surfactant	Methanol Mixture of	67-56-1 Trade Secret		×	30% 50%		0.00374% 0.00624%	
				Surfactants	Trade Secret			50%		0.00024%	
Ingredients shown above				Water 2-Mercaptoethyl	7732-18-5 60-24-2			30% 0%		0.00374% 0.00127%	
are subject to 29 CFR 1910				Alcohol	00-24-2			076		0.00127%	
				Alkylene Oxide Block Polymer	Trade Secret			0%		0.0014514%	
				Anionic Terpolymer	Trade Secret	8		0%		0.0561538%	
				Diethylene Glycol EDTA	111-46-6 64-02-8		Y	0% 0%		3.63E-05% 4.68E-05%	
				Inorganic Salt	7647-14-5			0%		0.0046795%	
				Methanol Oxyalkylated Fatty	67-56-1 Trade Secret			0% 0%		2.2E-05% 0.0046795%	
				Acid Derivative							
				Polyol Ester Quaternary	Trade Secret Trade Secret			0% 0%		0.0046795% 0.0016328%	
				Ammonium				- 70			
* # * * * * * * * * * * * * * * * * * *				Compound Water	7732-18-5	5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2	0%		0.073366%	
20. I, as Operator, hereby certify	25 11	nation shown	1,000	s true and complete to the		edge and belie	500		-		
Signature: Signed Electronically Printed Name: Reesa R. Holland Title: Sr Staff Reg Tech Date: 11/18/2013											
E-mail Address: reesa.holland@apachecorp.com											
NMOCD does not require the repo				ed in 29 CFR 1910.1200. N	MOCD does not i	require the repo	orting or disclos	ure of proprietary, trac	de secret or confid	ential business	
information.											