

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised November 6, 2013				
		1. WELL API NO: 30-025-40334				
		2. Well Name: HIGH PLAINS STATE COM #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:L    Lot:L    Section:23    Township:14S    Range:34E Feet from:1700    N/S Line:S Feet from:330    E/W Line:W				
		5. Bottom Hole Location: Unit:L    Lot:L    Section:23    Township:14S    Range:34E Feet from:1700    N/S Line:S Feet from:330    E/W Line:W				
		6. Latitude:    longitude: 33.0875221794547    - 103.489039254998				
		7. County: Lea				
8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705			9. OGRID: 873	10. Phone Number: 432-818-1168		
11. Last Fracture Date: 2/27/2012    Frac Performed by: Economy/CJES/Shrieve/Benchmark			12. Production Type: O			
13. Pool Code(s): 97854			14. Gross Fractured Interval: 9,250 ft to 14,548 ft			
15. True Vertical Depth (TVD): 9,750 ft			16. Total Volume of Fluid Pumped: 2,076,564 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	APC	Carrier / Base Fluid	Water	7732-18-5	100%	91.31946%
Sand (Proppant) lbs	CJES	Proppant	Silica Substrate		100%	5.87052%
pH-23	Economy	Low pH Buffer	Acetic Acid	64-19-7	60%	0%
pH-25	Economy	High pH Buffer	Potassium Hydroxide	1310-58-3	15%	0%
pH-29	Economy	High pH Buffer	Sodium Hydroxide	1310-73-2	25%	0.0035%
BR-31	Economy	Sodium Persulfate	Peroxydisulfuric Acid Disodium Salt	7775-27-1	100%	0.00361%
BR-32	Economy	Gel Breaker	ESTER	N/A	99%	0%
BR-33	Economy	Gel Breaker	ESTER	N/A	99%	0%
BR-34	Economy	Encapsulated Persulfate Breaker	Ammonium Persulfate	7727-54-0	60%	0%
BR-37	Economy	Low Temp Oxicizing Breaker	Calcium Peroxide	1305-79-9	30%	0%
BR-38	Economy	High Temp Oxidizing Breaker	Magnesium Peroxide	1335-26-8	30%	0%
BR EL 2X	Economy	Liquid Enzyme Breaker	Cellulase Enzyme	Mixture	100%	2.27664%
Bio Break 1000	Shrieve	High Temp Gel Breaker	Sodium Chloride	7647-14-5	25%	0%
Bio Break 2000	Shrieve	High Temp Gel Breaker	Sodium Chloride	7647-14-5	25%	0%
Cat-10	Economy	Breaker Catalyst	Proprietary	N/A	100%	0%
Claymax	Economy	Clay Stabilizer	Proprietary	Mixture	100%	0.0871%
Poly CS39	Poly	Clay Stabilizer	Proprietary	UNK	40%	0%
XL-3	Economy	Borate Crosslink Accelerator	Potassium Hydroxide	1310-73-2	25%	0.00309%
XL-4	Economy	Low pH Crosslinker	Zirconium Complex	Mixture	45%	0%
XL-5	Economy	Zirconate Crosslinker	Zirconium Complex	N/A	60%	0%
XL-6	Economy	Primary Zirconate Crosslinker	Zirconium Complex	N/A	30%	0%
XL-7	Economy	Primary Borate Crosslinker	Petroleum Distillate Blend	N/A	60%	0.01962%
GS-101	Economy	Gel Stabilizer	Proprietary	Mixture	100%	0%
MCG-1	Economy	Zirconate Gelling Agent	Polysaccharide Blend	N/A	60%	0%
NGC-4	Economy	Gelling Agent	Petroleum Distillate Blend	64742-47-8	60%	0%
NGC-4B	Benchmark	Gelling Agent	Petroleum Distillate Blend	64742-47-8	55%	0.10644%
OGC-7	Economy	Gelling Agent	Petroleum Distillate Blend	NA	60%	0%
SUAG-1	Economy	Acid Gellant	Methanol	67-56-1	100%	0%
SU-15	Economy	Surfactant	Methanol	67-56-1	70%	0.05242%
SU-14	Economy	Microemulsifier	Ethyleneglycol Monobutyl Ether	111-76-2	60%	0%
B-648T	Economy	Biocide	Sodium Hydroxide	Blend	100%	0.02806%
Bioguard 4450	Bioguard	Biocide	Sodium Hydroxide	7173-51-5	100%	0.03269%
FM-1	Economy	Foamer	Surfactants	Mixture	100%	0.06428%
FR-1	Economy	Friction Reducer	Petroleum Distillate	Proprietary	100%	0.06428%
FR-2	Economy	Friction Reducer	Petroleum Distillate	Proprietary	100%	0%
SI-W1000	Economy	Scale Inhibitor	Proprietary	Mixture	100%	0%
ICSI-4376	Economy	Scale Inhibitor	Proprietary	Mixture	100%	0.02284%
ICA-1	Economy	Iron Control Agent	Hydrochloric Acid	7647-01-0	40%	0%
AA80	Economy	Iron Control Agent	Hydrochloric Acid	Mixture	100%	0%
CI-1	Economy	Acid Corrosion Inhibitor	Methanol	67-56-1	100%	0%
AS-3	Economy	Antisludging Agent	Diethanolamide	N/A	80%	0%
Acid, Hydrochloric (15%)	CJES	Acidizning	Hydrochloric Acid	7647-01-0	15%	0%
Superset W	Santrol	Resin Activator	Methyl Alcohol	67-56-1	50%	0%
AcTivator	Momentive	Resin Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	60%	0%
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: Signed Electronically    Printed Name: Reesa R. Holland    Title: Sr Staff Reg Tech						
Date: 11/18/2013						
E-mail Address: reesa.holland@apachecorp.com						

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