

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: 30-025-41435					
		2. Well Name: SOUTHLAND ROYALTY A #002H					
		3. Well Number: 002H					
<div>HYDRAULIC FRACTURING FLUID DISCLOSURE</div> <div><input checked="" type="checkbox"/> Original</div> <div><input type="checkbox"/> Amendment</div>		4. Surface Hole Location: Unit:H Lot:H Section:9 Township:21S Range:37E Feet from:2310 N/S Line:N Feet from:640 E/W Line:E					
		5. Bottom Hole Location: Unit:H Lot:H Section:9 Township:21S Range:37E Feet from:2310 N/S Line:N Feet from:640 E/W Line:E					
		6. latitude: longitude: 32.4942909653122 - 103.161526456629					
		7. County: Lea					
8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705				9. OGRID: 873		10. Phone Number: 432-818-1062	
11. Last Fracture Date: 3/26/2014 Frac Performed by: C&J Energy Services				12. Production Type: O			
13. Pool Code(s): 62700				14. Gross Fractured Interval: 7,206 ft to 10,848 ft			
15. True Vertical Depth (TVD): 6,925 ft				16. Total Volume of Fluid Pumped: 3,544,673 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%	87.95276%	
Sand (Proppant)	CJES	Proppant	Silica Substrate		100%	6.24821%	
Hydrochloric Acid (15%)	CJES	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.76857%	
FGP-912	Blue Ribbon	Guar Slurry	Solvent naptha, (petroleum) hay aliphatic	64742-96-7	65%	0.13065%	
pH-29B	Blue Ribbon Technology	High pH buffer	sodium hydroxide	1310-73-2	35%	0.00937%	
XL-3	Economy	Borate Crosslink Accelerator	Potassium Metaborate	16481-66-6	15%	0.0106%	
			Potassium Hydroxide	1310-73-2	25%	0.01766%	
			Ethylene Glycol	107-21-1	60%	0.04239%	
AP-Surf-1A	Blentech	Surfactant	Methanol	67-56-1	35%	0.03044%	
BR-31B	Blue Ribbon Technology	Ammonium persulfate gel breaker	Ammonium Persulfate	7727-54-0	100%	0.00168%	
BR-EL2X	Economy	Enzyme Breaker	Cellease Enzyme	Proprietary	100%	0.09367%	
CC-70	Magnablend	Clay Stabilizer	Water	7732-18-5	30%	0.02871%	
			Proprietary non-hazardous salt	Proprietary	70%	0.067%	
AP-FR-1	Ashland	Friction Reducer	Aliphatic Hydrocarbon	2545-04001-5164	30%	0.02963%	
			Alchols,C12-16,Ethoxylated	68551-12-2	5%	0.00494%	
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: 4/24/2014							
E-mail Address: reesa.fisher@apachecorp.com							

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.