

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 February 15, 2012				
		1. WELL API NO. 30-015-40186				
		2. Well Name: SOUTHLAND ROYALTY APM STATE #005H				
		3. Well Number: 005H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:24 Township:19S Range:29E Feet from:200 N/S Line:S Feet from:500 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:24 Township:19S Range:29E Feet from:200 N/S Line:S Feet from:500 E/W Line:W				
		6. Latitude: 32.6393157147216 Longitude: -104.035334314763				
		7. County: Eddy				
8. Operator Name and Address: YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA 88210		9. OGRID: 25575		10. Phone Number:		
11. Last Fracture Date: 6/27/2013 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 60660		14. Gross Fractured Interval: 8,393 ft to 12,521 ft				
15. True Vertical Depth (TVD): 8,082 ft		16. Total Volume of Fluid Pumped: 2,677,867 gals				
17. 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)
Fresh Water	Operator	Base Fluid	Water	7732-18-5	100%	83.01023%
HYDROCHLORIC ACID 7.5-15%	Halliburton	Acid	Hydrochloric acid	7647-01-0	15%	0.30269%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	11.2822%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	3.27159%
			Hexamethylenetetramine	100-97-0	2%	0.06543%
			Phenol / formaldehyde resin	9003-35-4	5%	0.16358%
Losurf-360W	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl),alpha.-isodecyl-omega.-hydroxy-	61827-42-7	30%	0.02411%
			Glycerine	56-81-5	10%	0.00804%
			Complex Alkylamine	Confidential Business Information	5%	0.00402%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.0001%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.01759%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00342%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01992%
			Monoethanolamine borate	26038-87-9	100%	0.06639%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.0369%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.0369%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00019%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.00462%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00016%
			Ammonium sulfate inorganic salt	Confidential Business Information	30%	0.00095%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.00765%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.17524%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00301%
			Walnut hulls	Mixture	100%	0.01002%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.021%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00056%
K-35	Halliburton	Additive	Sodium carbonate	497-19-8	100%	0.00037%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			Acrylamide copolymer	108388-79-0	0%	0%
			Amine salt	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Defoamer	63148-62-9	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Glycerine	56-81-5	0%	0%
			Modified acrylamide copolymer	153568-80-0	0%	0%
			Modified acrylate polymer	54076-97-0	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Silica gel	112926-00-8	0%	0%
			Silica, amorphous - fumed	7631-86-9	0%	0%
			Sodium acetate	127-09-3	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Trimethylamine, N-oxide	1184-78-7	0%	0%
			Water	7732-18-5	0%	0%
	18. 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: Tina Huerta		Regulatory Reporting Title: Supervisor		
Date: 8/23/2013						
E-mail Address: tinah@ypcnm.com						

NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.