

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. 30-015-38576							
		2. Well Name: ANTHILL AAK STATE COM #003H							
		3. Well Number: 003H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment	4. Surface Hole Location: Unit:P Lot:P Section:2 Township:20S Range:29E Feet from:560 N/S Line:S Feet from:330 E/W Line:E								
	5. Bottom Hole Location: Unit:P Lot:P Section:2 Township:20S Range:29E Feet from:560 N/S Line:S Feet from:330 E/W Line:E								
	6. latitude: longitude: - 32.5967280564601 104.038223761733								
	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: 3/18/2013 Frac Performed by: Halliburton		12. Production Type: O							
13. Pool Code(s): 49622		14. Gross Fractured Interval: : 6,507 ft to 10,537 ft							
15. True Vertical Depth (TVD): 6,080 ft		16. Total Volume of Fluid Pumped: 50,986 bbls							
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				100%	84.83294%			
FE ACID - <10% HCL	Halliburton		Hydrochloric acid	7647-01-0	10%	0.08225%			
			Hydrochloric acid	7647-01-0	10%	0.07426%			
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	10.55386%			
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.56889%			
			Hexamethylenetetramine	100-97-0	2%	0.05138%			
			Phenol / formaldehyde resin	9003-35-4	5%	0.12844%			
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.02019%			
			Monoethanolamine borate	26038-87-9	100%	0.06731%			
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00089%			
			Ammonium sulfate	Confidential Business Information	30%	0.00537%			
			Inorganic Salt						
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00033%			
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.03219%			
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.03219%			
Lo-Surf 360W	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl), alpha.-isodecyl- omega.-hydroxy-	61827-42-7	30%	0.05971%			
			Complex alkylamine		5%	0.00995%			
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.01618%			
			Naphthalene	91-20-3	5%	0.0027%			
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)- omega-hydroxy-, branched	127087-87-0	5%	0.0027%			
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00361%			
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polypichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.02844%			
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02172%			
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.00055%			
			Silica, amorphous precipitated	67762-90-7	30%	0.00016%			
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.15649%			
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.0018%			
			Walnut hulls	Mixture	100%	0.00599%			
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.0019%			
K-34	Halliburton	Buffer	Sodium bicarbonate	144-55-8	100%	0.00071%			
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	64-02-8	0%	0%			
			Amine Salts	75-57-0	0%	0%			
			Amine Salts	593-81-7	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	Mixture	0%	0%			
			Cured Acrylic Resin	9002-98-6	0%	0%			
			Defoamer	63148-62-9	0%	0%			
			Enzyme	37288-54-3	0%	0%			
			Enzyme	9025-56-3	0%	0%			
			Glycerine	56-81-5	0%	0%			
			Modified acrylamide copolymer	153568-80-0	0%	0%			
			Modified acrylate polymer	54076-97-0	0%	0%			
			Oxyalkylated Phenolic Resin	29316-47-0	0%	0%			
			Oxyalkylated Phenolic Resin	63428-92-2	0%	0%			
			Polypropylene glycol	25322-69-4	0%	0%			
			Quaternary Amine	34004-36-9	0%	0%			
			Quaternary Amine	3327-22-8	0%	0%			
			Quaternary Amine	75-50-3	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	67254-71-1	0%	0%			
			Surfactant Mixture	56449-46-8	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: 5/14/2013						
			E-mail Address: tinah@ypcnm.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.