

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 8, 2013

1. WELL API NO.  
30-015-39858

2. Well Name:  
SOUTHLAND ROYALTY APM STATE #003H

3. Well Number:  
003H

HYDRAULIC FRACTURING FLUID  
DISCLOSURE

☒ Original  
☐ Amendment

4. Surface Hole Location:  
Unit:O    Lot:O    Section:24    Township:19S    Range:29E  
Feet from:200    N/S Line:S  
Feet from:1800    E/W Line:E

5. Bottom Hole Location:  
Unit:B    Lot:O    Section:24    Township:19S    Range:29E  
Feet from:230    N/S Line:N  
Feet from:2032    E/W Line:E

6. latitude:  
32.639272392483    longitude:  
-104.025701307084

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:    6/30/2014    Frac Performed by:    Halliburton

12. Production Type:  
O

13. Pool Code(s):  
60660

14. Gross Fractured Interval:  
8,502 ft to 12,706 ft

15. True Vertical Depth (TVD):  
7,723 ft

16. Total Volume of Fluid Pumped:  
2,751,919 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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5		82.04503%
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0		0.94625%
Premium White 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7		11.30392%
CRC-16/30	Halliburton	Proppant	Crystalline silica, cristobalite	14464-46-1		0.89933%
			Mullite	1302-93-8		2.99778%
			Silica, amorphous - fumed	7631-86-9		0.89933%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1		0.02327%
			Ethoxylated nonylphenol	Confidential Business Information		0.02327%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8		0.00398%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5		0.0002%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2		0.00525%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4		0.00788%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information		0.02573%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1		0.02273%
			Monoethanolamine borate	26038-87-9		0.07578%
Scalechek® LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9		0.00459%
LOSURF-300M™	Halliburton	Surfactant	1,2,4-Trimethylbenzene	95-63-6		0.0004%
			Ethanol	64-17-5		0.02392%
			Heavy aromatic petroleum naphtha	64742-94-5		0.01196%
			Naphthalene	91-20-3		0.0004%
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0		0.00399%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8		0.00119%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7		0.00203%
			Walnut hulls	Mixture		0.00676%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7		0.00098%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0		0.17316%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5		0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl)azo]-, trisodium salt	915-67-3		0%
			Alcohols, C12-16, ethoxylated	68551-12-2		0%
			Aluminum Silicate	1302-76-7		0%
			Amine salts	Confidential Business Information		0%
			Amine salts	Confidential Business Information		0%
			Ammonium chloride	12125-02-9		0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4		0%
			C.I. Pigment Red 5	6410-41-9		0%
			Calcium chloride	10043-52-4		0%
			Crystalline Silica, Quartz	14808-60-7		0%
			Cured acrylic resin	Confidential Business Information		0%
			Cured acrylic resin	Confidential Business Information		0%
			Enzyme	Confidential Business Information		0%
			Enzyme	Confidential Business Information		0%
			Fatty acid tall oil amide	Confidential Business Information		0%
			Formaldehyde	50-00-0		0%
			Organic phosphonate	Confidential Business Information		0%
			Oxylated phenolic resin	Confidential Business Information		0%
			Oxylated phenolic resin	Confidential Business Information		0%
			Polyacrylamide copolymer	Confidential Business Information		0%
			Quaternary amine	Confidential Business Information		0%
			Quaternary amine	Confidential Business Information		0%
			Quaternary amine	Confidential Business Information		0%
			Silica gel	112926-00-8		0%
			Sodium chloride	7647-14-5		0%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6		0%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8		0%
			Surfactant mixture	Confidential Business Information		0%
			Surfactant mixture	Confidential Business Information		0%
			Trimethylamine, N-oxide	1184-78-7		0%
			Water	7732-18-5		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:    Tina Huerta

Date:    8/5/2014

E-mail Address:    tinah@ypcnm.com

Regulatory Reporting  
Title:    Supervisor

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 19.10.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.