

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:  
30-025-41851

2. Well Name:  
FOXGLOVE 29 FEDERAL #007H

3. Well Number:  
007H

4. Surface Hole Location:  
Unit:A    Lot:A    Section:29    Township:23S    Range:33E  
Feet from:340    N/S Line:N  
Feet from:660    E/W Line:E

5. Bottom Hole Location:  
Unit:P    Lot:P    Section:29    Township:23S    Range:33E  
Feet from:180    N/S Line:S  
Feet from:376    E/W Line:E

6. latitude:    longitude:  
32.2820422207889    -103.587943183728

7. County:  
Lea

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

8. Operator Name and Address:  
OXY USA INC  
PO Box 4294  
Houston 77210

9. OGRID:  
16696

10. Phone Number:  
713-366-5069

11. Last Fracture Date:    1/6/2015    Frac Performed by:    SCHLUMBERGER

12. Production Type:  
O

13. Pool Code(s):  
59900

14. Gross Fractured Interval:  
11,229 ft to 15,537 ft

15. True Vertical Depth (TVD):  
11,159 ft

16. Total Volume of Fluid Pumped:  
3,019,004 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
Slickwater,YF100FlexD	Schlumberger	Corrosion Inhibitor, Friction Reducer, Bactericide (Myacide GA25), Gelling Agent, Surfactant , Acid,	Water (Including Mix Water Supplied by Client)*	NA	0%	85.36%
			Crystalline silica	14808-60-7	94.02%	13.76%
			Guar gum	9000-30-0	1.56%	0.23%
			Hydrochloric acid	7647-01-0	1.1%	0.16%
			Ethylene Glycol	Proprietary	0.69%	0.1%
			Phenolic resin	9003-35-4	0.69%	0.1%
			Synthetic organic polymer	Proprietary	0.49%	0.07%
			2-hydroxy-N,N,N-trimethylethanaminium chloride	67-48-1	0.26%	0.04%
			Sodium hydroxide (impurity)	1310-73-2	0.13%	0.02%
			Diammonium peroxodisulphate	7727-54-0	0.11%	0.02%
			Gum, xanthan	11138-66-2	0.09%	0.01%
			Polyethylene glycol monohexyl ether	31726-34-8	0.07%	0.01%
			Distillates (petroleum), hydrotreated light	64742-47-8	0.07%	0.01%
			Sodium tetraborate	1330-43-4	0.06%	0.01%
			CALCIUM CHLORIDE	10043-52-4	0.05%	0.01%
			Acrylamide, 2-acrylamido-2-methylpropanesulfonic acid, sodium salt polymer	38193-60-1	0.04%	0.01%
			Glutaraldehyde	111-30-8	0.04%	0.01%
			2-Propenoic acid, polymer with sodium phosphinate	129899-01-7	0.03%	0%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.02%	0%
			Sodium chloride	7647-14-5	0.01%	0%
			Tetrasodium ethylenediaminetetraacetate	GeDeral	0.01%	0%
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.01%	0%
			Methanol	67-56-1	0.01%	0%
			Sodium erythorbate	6381-77-7	0.01%	0%
			Ethoxylated phosphate ester	Proprietary	0.01%	0%
			Fatty acids, tall-oil	61790-12-3	0%	0%
			Non-crystalline silica (impurity)	7631-98-9	0%	0%
			Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0%	0%
			Silicone oil	Proprietary	0%	0%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0%	0%
			Potassium chloride (impurity)	7447-40-7	0%	0%
			Aliphatic acid	Proprietary	0%	0%
			Sorbitol	50-70-4	0%	0%
			Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0%	0%
			Acetic acid	64-19-7	0%	0%
			Propargyl alcohol	107-19-7	0%	0%
			Amorphous Silica	Proprietary	0%	0%
			Sodium Glycolate (impurity)	2836-32-0	0%	0%
			Propan-2-ol	67-63-0	0%	0%
			Magnesium silicate hydrate (talc)	Proprietary	0%	0%
			Hexadec-1-ene	629-73-2	0%	0%
			Polyethylene-polypropylene glycol methyl ether oleate	Proprietary	0%	0%
			Ethylene glycol-polyethylene glycol-terephthalic acid copolymer	Proprietary	0%	0%
			2-(2-Butoxyethoxy)ethanol	112-34-5	0%	0%
			2,2'-oxydiethanol (impurity)	111-46-6	0%	0%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0%	0%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0%	0%
			Dodecyl phosphate potassium salt poly(tetrafluoroethylene)	Proprietary	0%	0%
			1-Octadecene (C18)	9002-84-0	0%	0%
			Trisodium nitrilotriacetate (impurity)	112-88-9	0%	0%
Bis(hydrogenated tallow alkyl) dimethylammonium bentonite	5064-31-3	0%	0%			
Formaldehyde	68953-58-2	0%	0%			
Alcohols, C12-13, ethoxylated	50-90-0	0%	0%			
Aliphatic alcohol	66455-14-9	0%	0%			
Inorganic oxoacid	Proprietary	0%	0%			
Ethoxylated alcohol	Proprietary	0%	0%			
Brominated Diol	Proprietary	0%	0%			

† Proprietary Technology

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:    David Stewart

Date:    5/22/2015

E-mail Address:    david\_stewart@oxy.com

Title:    Sr. Regulatory Advisor

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