

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:
30-025-41056

2. Well Name:
HEARTTHROB BSX STATE #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:17 Township:24S Range:33E
Feet from:200 N/S Line:N
Feet from:660 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section:17 Township:24S Range:33E
Feet from:200 N/S Line:N
Feet from:660 E/W Line:W

6. latitude:
32.2244078055799 longitude:
-103.600742745657

7. County:
Lea

8. Operator Name and Address:
YATES PETROLEUM CORPORATION
105 S 4TH ST
ARTESIA 88210

9. OGRID:
25575

10. Phone Number:

11. Last Fracture Date: 6/3/2014 Frac Performed by: Schlumberger

12. Production Type:
O

13. Pool Code(s):
96674

14. Gross Fractured Interval:
11,462 ft to 15,695 ft

15. True Vertical Depth (TVD):
11,143 ft

16. Total Volume of Fluid Pumped:
2,940,305 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)
WF110:15% HCL:YF120FlexD, WF110:15% HCL:YF120FlexD	Schlumberger	Proppant Transport, Acid	Water (Including Mix Water Supplied by Client)*	NA		85.21013%
			Crystalline silica	14808-60-7	87.0035%	12.86771%
			Ceramic materials and wares, chemicals	66402-68-4	6.83251%	1.01052%
			Phenolic resin	9003-35-4	4.48382%	0.66315%
			Guar gum	9000-30-0	1.12193%	0.16593%
			Cholinium chloride	67-48-1	0.57953%	0.08571%
			Ethane-1,2-diol	107-21-1	0.47493%	0.07024%
			Propan-2-ol	67-63-0	0.21405%	0.03166%
			Alcohols, c11-15-secondary, ethoxylated	68131-40-8	0.203%	0.03002%
			Diammonium peroxidisulphate	7727-54-0	0.18264%	0.02701%
			Glutaraldehyde	111-30-8	0.0714%	0.01056%
			Gum, xanthan	11138-66-2	0.06653%	0.00984%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.06268%	0.00927%
			Polyethylene glycol monoethyl ether	31726-34-8	0.06208%	0.00918%
			Sodium hydroxide	1310-73-2	0.04606%	0.00681%
			Sodium tetraborate	1330-43-4	0.04259%	0.0063%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.03288%	0.00486%
			Sodium erythorbate	6381-77-7	0.01409%	0.00208%
			2-Propenoic acid, polymer with sodium phosphinate	129898-01-7	0.00878%	0.0013%
			Sodium carbonate	497-19-8	0.00704%	0.00104%
			Sodium Glycolate (impurity)	2836-32-0	0.00508%	0.00075%
			Non-crystalline silica	7631-86-9	0.00306%	0.00045%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00277%	0.00041%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00259%	0.00038%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00231%	0.00034%
			Sodium chloride	7647-14-5	0.0018%	0.00027%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.00169%	0.00025%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00169%	0.00025%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00155%	0.00023%
			Glycerol	56-81-5	0.00113%	0.00017%
			Crosslinked PO/EO-block polymer	68123-18-2	0.00103%	0.00015%
			Cinnamaldehyde	104-55-2	0.00102%	0.00015%
			Magnesium silicate hydrate (talc)	14807-96-6	0.001%	0.00015%
			Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00085%	0.00013%
			Calcium chloride	10043-52-4	0.00083%	0.00012%
			poly(tetrafluoroethylene)	9002-84-0	0.00043%	0%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0.00034%	0%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.00034%	0%
			Methyl oxirane polymer with oxirane	9003-11-6	0.00034%	0%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.0003%	0%
			Dioctyl sulfosuccinate sodium salt	577-11-7	0.00016%	0%
			Dodecyl poly(oxyethylene) ether	9002-92-0	0.00013%	0%
			2,2'-oxydiethanol	111-46-6	0%	0%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	0%	0%
			Propylene glycol	57-55-6	0%	0%
			2-ethylhexan-1-ol	104-76-7	0%	0%
			Potassium oleate	143-18-0	0%	0%
			Oleic acid	112-80-1	0%	0%
			Acetic acid, potassium salt	Ge0eral	0%	0%
			Acetic acid	64-19-7	0%	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: 7/9/2014

E-mail Address: tinah@ypcnm.com

Regulatory Reporting Title: Supervisor

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