

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:
30-025-41057

2. Well Name:
HEARTTHROB BSX STATE #002H

3. Well Number:
002H

4. Surface Hole Location:
Unit:C Lot:C Section:17 Township:24S Range:33E
Feet from:200 N/S Line:N
Feet from:1860 E/W Line:W

5. Bottom Hole Location:
Unit:C Lot:C Section:17 Township:24S Range:33E
Feet from:200 N/S Line:N
Feet from:1860 E/W Line:W

6. latitude:
32.2244021693195 longitude:
-103.596843762642

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: 5/6/2014 Frac Performed by: Schlumberger

12. Production Type:
O

13. Pool Code(s):
96674

14. Gross Fractured Interval:
11,417 ft to 15,721 ft

15. True Vertical Depth (TVD):
10,696 ft

16. Total Volume of Fluid Pumped:
3,078,115 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)
15% HCL, WF 110, YF 120 FlexD	Schlumberger	Acid, Proppant transport	Water (Including Mix Water Supplied by Client)*	NA		87.21074%
			Ceramic materials and wares, chemicals	66402-68-4	95.5259%	12.21705%
			Guar gum	9000-30-0	1.44916%	0.18534%
			Hydrochloric acid	7647-01-0	1.19939%	0.15339%
			Cholinium chloride	67-48-1	0.56566%	0.07234%
			Isopropanol	67-63-0	0.27247%	0.03485%
			Alcohols, c11-15-secondary, ethoxylated	68131-40-8	0.25211%	0.03224%
			Diammonium peroxidisulphate	7727-54-0	0.24468%	0.03129%
			Polyethylene glycol monoethyl ether	31726-34-8	0.0856%	0.01095%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.07785%	0.00996%
			Sodium hydroxide	1310-73-2	0.07518%	0.00962%
			Glutaraldehyde	111-30-8	0.07343%	0.00939%
			Ethane-1,2-diol	107-21-1	0.05002%	0.0064%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.03975%	0.00508%
			Sodium erythorbate	6381-77-7	0.01858%	0.00238%
			2-Propenoic acid, polymer with sodium phosphinate	129898-01-7	0.01401%	0.00179%
			Sodium carbonate	497-19-8	0.01327%	0.0017%
			Sodium Glycolate (impurity)	2836-32-0	0.00631%	0.00081%
			Gum, xanthan	11138-66-2	0.00506%	0.00065%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00502%	0.00064%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00419%	0.00054%
			Non-crystalline silica	7631-86-9	0.00395%	0.00051%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00357%	0.00046%
			Sodium tetraborate	1330-43-4	0.00324%	0.00041%
			Sodium chloride	7647-14-5	0.00287%	0.00037%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00282%	0.00036%
			Tetrakis(hydroxymethyl) phosphonium sulfate	55566-30-8	0.00271%	0.00035%
			Glycerol	56-81-5	0.00225%	0.00029%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.0021%	0.00027%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.0021%	0.00027%
			Crosslinked POEO-block polymer	68123-18-2	0.00203%	0.00026%
			Cinnamaldehyde	104-55-2	0.00184%	0.00024%
			Calcium chloride	10043-52-4	0.00133%	0.00017%
			Magnesium silicate hydrate (talc)	14807-96-6	0.00121%	0.00016%
			Trisodium nitrioltriacetate (impurity)	5064-31-3	0.00105%	0.00013%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0.00068%	0%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.00067%	0%
			Methyl oxirane polymer with oxirane	9003-11-6	0.00067%	0%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.00054%	0%
			poly(tetrafluoroethylene)	9002-84-0	0.00052%	0%
			Dioctyl sulfosuccinate sodium salt	577-11-7	0.00032%	0%
			Dodecyl poly(oxyethylene) ether	9002-92-0	0.00023%	0%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	0.00016%	0%
			2,2'-oxydiethanol	111-46-6	0.00015%	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	127-08-2	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

Regulatory Reporting Title: Supervisor

Date: 6/3/2014

E-mail Address: tinah@ypcnm.com

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