

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:
30-025-41058

2. Well Name:
ATOKA BANK BDJ STATE COM #003H

3. Well Number:
003H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒Original

☐Amendment

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

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

6. latitude: longitude:
32.2243892047894 -
103.587929134354

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: 3/11/2014 Frac Performed by: Schlumberger

12. Production Type:
O

13. Pool Code(s):
96674

14. Gross Fractured Interval:
11,455 ft to 15,635 ft

15. True Vertical Depth (TVD):
11,147 ft

16. Total Volume of Fluid Pumped:
2,952,340 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, HCl 15.0, YF120FlexD	Schlumberger	Proppant Transport	Water (Including Mix Water Supplied by Client)*	NA	0%	84.49461%
			Ceramic materials and wares, chemicals	66402-68-4	74.66932%	11.57777%
			Crystalline silica	14808-60-7	19.30816%	2.9938%
			Hydrogen chloride	7647-01-0	2.2023%	0.34148%
			Phenolic resin	9003-35-4	0.99507%	0.15429%
			Guar gum	9000-30-0	0.97932%	0.15185%
			Ethane-1,2-diol	107-21-1	0.50101%	0.07768%
			Cholinium chloride	67-48-1	0.42919%	0.06655%
			Propan-2-ol	67-63-0	0.20772%	0.03221%
			Alcohols, c11-15-secondary, ethoxylated	68131-40-8	0.20371%	0.03159%
			Diammonium peroxidisulphate	7727-54-0	0.1696%	0.0263%
			Glutaraldehyde	111-30-8	0.07111%	0.01103%
			Gum, xanthan	11138-66-2	0.06747%	0.01046%
			Polyethylene glycol monohexyl ether	31726-34-8	0.06703%	0.01039%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.05707%	0.00885%
			Sodium tetraborate	1330-43-4	0.04319%	0.0067%
			Sodium hydroxide	1310-73-2	0.04084%	0.00633%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.02999%	0.00465%
			2-Propenoic acid, polymer with sodium phosphinate	129898-01-7	0.02749%	0.00426%
			Sodium erythorbate	6381-77-7	0.01531%	0.00237%
			Sodium chloride	7647-14-5	0.00564%	0.00087%
			Methanol	67-56-1	0.0056%	0.00087%
			Sodium Glycolate (impurity)	2836-32-0	0.00463%	0.00072%
			Fatty acids, tall-oil	61790-12-3	0.00411%	0.00064%
			Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0.00338%	0.00052%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00279%	0.00043%
			Non-crystalline silica	7631-86-9	0.00267%	0.00041%
			Calcium chloride	10043-52-4	0.0026%	0.0004%
			Tetrakis(hydroxymethyl) phosphonium sulfate	55566-30-8	0.00223%	0.00035%
			Alcohols, C14-15, ethoxylated (TEO)	68951-67-7	0.00157%	0.00024%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00154%	0.00024%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.00154%	0.00024%
			Glycerol	56-81-5	0.00115%	0.00018%
			Prop-2-yn-1-ol	107-19-7	0.00105%	0.00016%
			Crosslinked PO/EO-block polymer	68123-18-2	0.00104%	0.00016%
			Magnesium silicate hydrate (talc)	14807-96-6	0.00092%	0.00014%
			Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00077%	0.00012%
			Alkenes, C>10 a-	64743-02-8	0.0007%	0.00011%
			poly(tetrafluoroethylene)	9002-84-0	0.00039%	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%
			2,2'-oxydiethanol	111-46-6	0.00029%	0%
			Dioctyl sulfosuccinate sodium salt	577-11-7	0.00016%	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: 4/15/2014

E-mail Address: tinah@ypcnm.com

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