

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:
30-015-42624

2. Well Name:
SPUNKY BUK STATE COM #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:2 Township:26S Range:26E
Feet from:200 N/S Line:N
Feet from:660 E/W Line:W

5. Bottom Hole Location:
Unit:M Lot:D Section:2 Township:26S Range:26E
Feet from:330 N/S Line:S
Feet from:667 E/W Line:W

6. latitude: 32.0785157012039 longitude: -104.270172208021

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: 4/21/2015 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
97818

14. Gross Fractured Interval:
7,602 ft to 11,802 ft

15. True Vertical Depth (TVD):
7,416 ft

16. Total Volume of Fluid Pumped:
4,481,376 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	Water	7732-18-5		60.90532%
HYDROCHLORIC ACID - 35%	Halliburton	Solvent	Hydrochloric acid	7647-01-0		5.82512%
Premium White 20/40	Halliburton	Proppant	Crystallin silica, quartz	14808-60-7		69.6388%
Premium CRC 16/30	Halliburton	Proppant	Crystallin silica, quartz	14808-60-7		17.33665%
			Phenol / formaldehyde resin	9003-35-4		0.86683%
			Hexamethylenetetramine	100-97-0		0.34673%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51839-31-4		0.02763%
Cla-Web(TM)	Halliburton	Additive	Ammonium salt	Confidential		0.17667%
Scalechek(R) LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9		0.01248%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8		0.02657%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5		0.00113%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1		0.11711%
			Monoethanolamine borate	26038-87-9		0.39037%
OILPERM FMM-2	Halliburton	Surfactant	Isopropanol	67-63-0		0.27078%
			Citrus, extract	94266-47-4		0.09026%
PermVis VFR-10	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8		0.0058%
			Alcohols, C12-16, ethoxylated	68551-12-2		0.00194%
			Ammonium chloride	12125-02-9		0.00194%
			9-Octadecenamide, n,n-bis-2 (hydroxy-ethyl)-, (Z)	93-83-4		0.00098%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential		0.0611%
LOSURF-360	Halliburton	Surfactant	Complex Alkylamine	100545-50-4		0.00046%
			Poly(oxy-1,2-ethanediyl), ,alpha -isodecyl-, omega -hydroxy-	61827-42-7		0.0027%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1		0.0095%
			Propargyl alcohol	107-19-7		0.00159%
OptiKleen-WF(TM)	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7		0.00149%
BE-6 MICROBIOCID	Halliburton	Biocide	Z-Bromo-2-nitro-1,3-propanediol	52-51-7		0.0006%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7		0.01627%
			Walnut hulls	NA		0.04607%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0		0.09721%
Scalechek(R) SCP-2	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3		0.01971%
Parasorb	Baker Hughes	Parrafin Inhibitor	Diatomaceous earth, calcined	91053-39-3		0.10193%
			Complex Ester	Trade secret		0.03056%
			Heavy aromatic naphtha	64742-94-5		0.01019%
			Mineral oil	8042-47-5		0.0051%
			Ethylene-Vinyl acetate copolymer	Trade secret		0.0051%
			Naphthalene	91-20-3		0.00102%
			Crystalline silica: Quartz (SiO2)	14808-60-7		0.00102%
K-34	Halliburton	Buffer	Sodium bicarbonate	144-55-8		0.00823%
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-sulfo-1-naphthalenyl) azo] -, trisodium salt	915-67-3		0%
			Alcohols, C14-C15, ethoxylated	68951-67-7		0%
			Alkane	Confidential		0%
			Amine salts	Confidential		0%
			Amine salts	Confidential		0%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4		0%
			Benzyl chloride	100-44-7		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		0%
			Cured acrylic resin	Confidential		0%
			Enzyme	Confidential		0%
			Enzyme	Confidential		0%
			Ethoxylated alcohols	Confidential		0%
			Ethoxylated amine	Confidential		0%
			Ethoxylated fatty acid	Confidential		0%
			Ethylene-diaminetetraacetic acid, tetrasodium salt	64-02-8		0%
			Fatty acids, tall oil	Confidential		0%
			Formaldehyde	50-00-0		0%
			Glycol	Confidential		0%
			Olefins	Confidential		0%
			Olefins	Confidential		0%
			Olefins	Confidential		0%
			Olefins	Confidential		0%
			Organic phosphonate	Confidential		0%
			Polycrylate	Confidential		0%
			Quaternary amine	Confidential		0%
			Quaternary amine	Confidential		0%
			Quaternary amine	Confidential		0%
			Quaternary ammonium compound	Confidential		0%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1		0%
			Silica gel	112926-00-8		0%
			Sodium bicarbonate	144-55-8		0%
			Sodium chloride	7647-14-5		0%
			Surfactant mixture	Confidential		0%
			Surfactant mixture	Confidential		0%
			Triethylene glycol	112-27-6		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

Regulatory Reporting

Date: 5/22/2015 Title: Supervisor

E-mail Address: tinah@ypcnm.com

NMOCDO does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDO does not require the reporting or disclosure of proprietary, trade secret or confidential business information.