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.
30-025-42758

2. Well Name:
RED RAIDER BKS STATE #005H

3. Well Number:
005H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:P Lot:P Section:25 Township:24S Range:33E
Feet from:250 N/S Line:S
Feet from:330 E/W Line:E

5. Bottom Hole Location:
Unit:P Lot:P Section:25 Township:24S Range:33E
Feet from:250 N/S Line:S
Feet from:330 E/W Line:E

6. latitude: 32.1819897 longitude: -103.518572

7. County:
Lea

8. Operator Name and Address:
ENDURANCE RESOURCES LLC
15455 Dallas Parkway
Suite 1050
Addison 75234

9. OGRID: 270329

10. Phone Number: 972-764-3131

11. Last Fracture Date: 11/18/2015 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
96434

14. Gross Fractured Interval:
9,780 ft to 13,830 ft

15. True Vertical Depth (TVD):
9,346 ft

16. Total Volume of Fluid Pumped:
7,558,032 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	Fresh Water	7732-18-5	100%	89.12939%
Cla-Web(TM), HAI-OS ACID INHIBITOR, LOSURF-360, SA	Halliburton	Additive, Breaker, Corrosion Inhibitor, Gelling Agent, Proppant, Surfactant	NA	NA	0%	0%
FDP-S1061-14	Carbo Ceramics	Scale Inhibitor	NA	NA	0%	0%
FDP-M1075-12, FDP-S1111-13, MC B-8614	Halliburton	Additive, Biocide, Scale Inhibitor	NA	NA	0%	0%
			Alcohols, C14-C15, ethoxylated	68951-67-7	30%	0.00054%
			Alkane	Confidential	1%	0.00088%
			Amine salts	Confidential	0.1%	4E-05%
			Ammonium salt	Confidential	60%	0.01174%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	5%	0.00541%
			Calcium chloride	10043-52-4	2%	0.00165%
			Ceramic materials and wares, chemicals	66402-68-4	90%	0.07422%
			Complex alkylamine	Proprietary	5%	0.00439%
			Contains no hazardous substances	NA	100%	0.14946%
			Crystalline silica, quartz	14808-60-7	100%	10.37166%
			Crystalline Silica, Quartz	14808-60-7	0.1%	0.00011%
			Diethylenetriaminepenta (methylenephosphonic acid) (DTPMP)	15827-60-8	5%	0.00412%
			Ethylene glycol	107-21-1	60%	0.01203%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0.01%	1E-05%
			Fatty acids, tall oil	Confidential	30%	0.00054%
			Glutaraldehyde	111-30-8	30%	0.00826%
			Guar gum	9000-30-0	100%	0.10813%
			Methanol	67-56-1	60%	0.00108%
			Olefins	Confidential	5%	0.00022%
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.02633%
			Propargyl alcohol	107-19-7	10%	0.00018%
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	5%	0.00138%
			Quaternary amine	Confidential	5%	0.00119%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	30%	0.00054%
			Semi-permeable coating	Proprietary	5%	0.00412%
			Silica gel	112926-00-8	1%	0.00108%
			Sodium bicarbonate	144-55-8	0.01%	1E-05%
			Sodium chloride	7647-14-5	5%	0.00098%
			Sodium hydroxide	1310-73-2	5%	0.00412%
			Sodium persulfate	7775-27-1	100%	0.00215%
			Sodium sulfate	7757-82-6	0.1%	0%
			Surfactant mixture	Confidential	1%	0.00216%
			Water	7732-18-5	100%	0.09951%

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: Peggy Redman Title:

Date: 12/1/2015

E-mail Address: peggy@enduranceresourcesllc.com

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