

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.
30-025-41909

2. Well Name:
BROADCASTER 29 FEDERAL #003H

3. Well Number:
003H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:B Lot:B Section:29 Township:23S Range:34E
Feet from:330 N/S Line:N
E/W Line:E

5. Bottom Hole Location:
Unit:B Lot:B Section:29 Township:23S Range:34E
Feet from:330 N/S Line:N
E/W Line:E

6. latitude:
32.2819831351058 longitude:
-103.48994254825

7. County:
Lea

8. Operator Name and Address:
ENDURANCE RESOURCES LLC
15455 Dallas Parkway
Suite 600
Addison 75234

9. OGRID:
270329

10. Phone Number:
972-764-3131

11. Last Fracture Date:
9/9/2014 Frac Performed by:
Halliburton

12. Production Type:
O

13. Pool Code(s):
2209

14. Gross Fractured Interval:
11,793 ft to 15,715 ft

15. True Vertical Depth (TVD):
11,489 ft

16. Total Volume of Fluid Pumped:
3,145,626 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	Carrier Fluid	Water	7732-18-5	100%	86.4501%
HYDROCHLORIC ACID 10-30%	Halliburton	Acid	Hydrochloric acid	7647-01-0	30%	0.32504%
CARBO HYDROPROP	Halliburton	Proppant	Crystalline silica, cristobalite	14464-46-1	30%	2.03355%
			Mullite	1302-93-8	100%	6.7785%
			Silica, amorphous - fumed	7631-86-9	30%	2.03355%
CARBO-LITE 40/70-30/50	Halliburton	Proppant	Crystalline silica, cristobalite	14464-46-1	30%	1.46635%
			Mullite	1302-93-8	100%	4.88784%
			Silica, amorphous - fumed	7631-86-9	30%	1.46635%
Cia-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.01061%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00435%
LOSURF-360	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy	61827-42-7	30%	0.00033%
			Complex alkylamine	Proprietary	5%	5E-05%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00235%
			Propargyl alcohol	107-19-7	10%	0.00039%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	4E-05%
Scalechek® LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.00717%
BA-40L BUFFERING AGENT	Halliburton	Buffer	Potassium carbonate	584-08-7	60%	0.09965%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00074%
			Potassium metaborate	13709-94-9	60%	0.00885%
CL-28M CROSSLINKER	Halliburton	Crosslinker	Crystalline silica, quartz	14808-60-7	5%	0.00266%
			Borate salts	Confidential Business Information	60%	0.03197%
RockOn™ MX 664-5	Multi-Chem	Surfactant	Methanol	67-56-1	70%	0.16115%
			Sulfonate	Proprietary	30%	0.06906%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.19529%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00345%
Ingredients Listed Below This Line Are Part of the			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%
			Alcohols, C14-C15, ethoxylated	68951-67-7	0%	0%
			Aluminum Silicate	1302-78-7	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			Bentonite, benzy(l)hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Diatomaceous earth	61790-53-2	0%	0%
			Fatty acid tall oil amide	Confidential Business Information	0%	0%
			Fatty acids, tall oil	Confidential Business Information	0%	0%
			Formaldehyde	50-00-0	0%	0%
			Hexamethylenetetramine	100-97-0	0%	0%
			Inorganic mineral	63800-37-3	0%	0%
			Iron oxide	1309-37-1	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Organic phosphonate	Confidential Business Information	0%	0%
			Phenol	108-95-2	0%	0%
			Phenol / formaldehyde resin	9003-35-4	0%	0%
			Polyacrylamide copolymer	Confidential Business Information	0%	0%
			Polymer	Proprietary	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Sorbitan monooleate	9005-65-6	0%	0%
			polyoxyethylene derivative			
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Titanium dioxide	13463-67-7	0%	0%
			Water	7732-18-5	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
Date: 9/16/2014
E-mail Address: peggy@enduranceresourcesllc.com

Printed Name: Peggy Redman

Title: _____

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