

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:
30-025-41449

2. Well Name:
NOCASTER 19 FEDERAL #004H

3. Well Number:
004H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:P Lot:P Section:19 Township:23S Range:34E
Feet from:330 N/S Line:S
Feet from:660 E/W Line:E

5. Bottom Hole Location:
Unit:P Lot:P Section:19 Township:23S Range:34E
Feet from:330 N/S Line:S
Feet from:660 E/W Line:E

6. latitude: 32.2837947132168 longitude: -103.502736443835

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: 7/14/2014 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
2209

14. Gross Fractured interval:
10,670 ft to 14,748 ft

15. True Vertical Depth (TVD):
10,546 ft

16. Total Volume of Fluid Pumped:
3,183,128 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		87.17139%
HCl > 10%	Halliburton				100%	1.11469%
CERAMIC PROP	Halliburton	Proppant	Crystalline silica, cristobalite	14464-46-1	30%	1.69648%
			Mullite	1302-93-8	100%	5.65494%
			Silica, amorphous - fumed	7631-86-9	30%	1.69648%
CERAMIC PROP PLUS	Halliburton	Proppant	Crystalline silica, cristobalite	14464-46-1	30%	1.59957%
			Mullite	1302-93-8	100%	5.33191%
			Silica, amorphous - fumed	7631-86-9	30%	1.59957%
Scalechek(R) LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.0085%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.0413%
Cla-Web(TM)	Halliburton	Additive	Ammonium salt	Confidential	60%	0.01082%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00655%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00154%
LOSURF-360W	Halliburton	Surfactant	Potassium metaborate	13709-94-9	60%	0.01851%
			Complex alkylamine	Confidential	5%	5E-05%
			Glycerine	56-81-5	10%	0.00011%
			Poly(oxy-1,2-ethanediyl), alpha -isodecyl- omega -hydroxy-	61827-42-7	30%	0.00033%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00114%
			Propargyl alcohol	107-19-7	10%	0.00019%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00391%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.02338%
3rd Party Surfactant	Operator	*3rd Party Additive	*Supplied by Operator		100%	0.16659%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.19651%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00084%
OptiKleen-WF(TM)	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00096%
Ingredients Listed Below This Line Are Part of the			Acrylate polymer	Confidential	0%	0%
			Alcohols ethoxylated	Confidential	0%	0%
			Alcohols, C14-C15, ethoxylated	68951-67-7	0%	0%
			Alkane	Confidential	0%	0%
			Aluminum Silicate	1302-76-7	0%	0%
			Amide	Confidential	0%	0%
			Amine salts	Confidential	0%	0%
			Amine salts	Confidential	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Borate salts	Confidential	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Diatomaceous earth	61790-53-2	0%	0%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Fatty acids, tall oil	Confidential	0%	0%
			Formaldehyde	50-00-0	0%	0%
			Hexamethylenetetramine	100-97-0	0%	0%
			Hydrogen peroxide	7722-84-1	0%	0%
			Iron oxide	1309-37-1	0%	0%
			Nitrotriactic acid, trisodium salt monohydrate	5064-31-3	0%	0%
			Olefins	Confidential	0%	0%
			Olefins	Confidential	0%	0%
			Olefins	Confidential	0%	0%
			Olefins	Confidential	0%	0%
			Organic phosphonate	Confidential	0%	0%
			Phenol	108-95-2	0%	0%
			Phenol / formaldehyde resin	9003-35-4	0%	0%
			Polyacrylamide copolymer	Confidential	0%	0%
			Quaternary amine	Confidential	0%	0%
			Quaternary amine	Confidential	0%	0%
			Quaternary amine	Confidential	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 bicarbonate	144-55-8	0%	0%
			Sodium carboxymethyl cellulose	9004-32-4	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium glycolate	2836-32-0	0%	0%
			Sodium hydroxide	1310-73-2	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Surfactant mixture	Confidential	0%	0%
			Surfactant mixture	Confidential	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 Printed Name: Peggy Redman Title: _____

Date: 8/7/2014

E-mail Address: peggy@enduranceresourcesllc.com

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