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 February 15, 2012

1. WELL API NO.
30-015-41291

2. Well Name:
CEDAR CANYON 15 #004H

3. Well Number:
004H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:E Lot:E Section:15 Township:24S Range:29E
Feet from:2310 N/S Line:N
Feet from:330 E/W Line:W

5. Bottom Hole Location:
Unit:E Lot:E Section:15 Township:24S Range:29E
Feet from:2310 N/S Line:N
Feet from:330 E/W Line:W

6. latitude: 32.2185626845262 longitude: -103.979840283047

7. County:
Eddy

8. Operator Name and Address:
OXY USA INC
PO Box 4294
Houston 77210

9. OGRID: 16696

10. Phone Number: 713-366-5485

11. Last Fracture Date: 6/28/2013 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
96473

14. Gross Fractured Interval:
9,000 ft to 12,900 ft

15. True Vertical Depth (TVD):
8,783 ft

16. Total Volume of Fluid Pumped:
1,366,530 gals

17. **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%	81.95745%
HYDROCHLORIC ACID 15%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.46408%
Rock On	Halliburton	Wetting Agent	Methanol	67-56-1	100%	0.22531%
			Sulfonate	Not Listed	10%	0.02253%
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Atlas Activator- USA	Halliburton	Activator	Isopropyl Alcohol (IPA)	67-63-0	60%	0.03358%
			Ethoxylaed Alcohol Mixture containing Alcohols, C-9 to C-11, ethoxylated	69439-46-3	100%	0.05596%
Premium White 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	7.86859%
Atlas CRC-LT	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	7.77191%
			Phenol Resin	9003-35-4,37337-65-8	5%	0.39653%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01925%
			Monoethanolamine borate	26038-87-9	100%	0.06417%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.0067%
			Ammonium acetate	631-61-8	100%	0.02235%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential	60%	0.01793%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00169%
SCALECHEK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Polyacrylate	Confidential	60%	0.01856%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00018%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential	100%	0.01699%
			Silica, amorphous precipitated	67762-90-7	30%	0.0051%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00686%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.20624%
K-35	Halliburton	Additive	Sodium carbonate	497-19-8	100%	0.00036%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00396%

18. 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: Jennifer Duarte Title: Regulatory Specialist

Date: 10/9/2013

E-mail Address: jennifer_duarte@oxy.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.