

**State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

1. WELL API NO.
30-015-40000

2. Well Name:
DODD FEDERAL UNIT #577

3. Well Number:
577

HYDRAULIC FRACTURING FLUID DISCLOSURE Original Amendment

4. Surface Hole Location:
Unit:O Lot:O Section:10 Township:17S Range:29E
Feet from:330 N/S Line:S
Feet from:1650 E/W Line:E

5. Bottom Hole Location:
Unit:O Lot:O Section:10 Township:17S Range:29E
Feet from:330 N/S Line:S
Feet from:1650 E/W Line:E

6. Latitude: 32.842824410672 Longitude:
-
104.059458605904

7. County:
Eddy

8. Operator Name and Address:
COG OPERATING LLC
550 W TEXAS
SUITE 1300
MIDLAND 79701

9. OGRID:
229137

10. Phone
Number:

11. Last Fracture Date: 5/2/2012 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
97917

14. Gross Fractured Interval:
4,080 ft to 4,280 ft

15. True Vertical Depth (TVD):
4,430 ft

16. Total Volume of Fluid Pumped:
2,298 bbls

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				100%	83.9819%
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	1.86736%
Ottawa 16/30	Halliburton				100%	12.02835%
CRC 16/30	Halliburton				100%	1.58778%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.0248%
			Monoethanolamine borate	26038-87-9	100%	0.08267%
BE-7™	Halliburton	Biocide	Sodium hydroxide	1310-73-2	2%	0.00134%
			Sodium hypochlorite	7681-52-9	30%	0.02003%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00029%
CAT-4	Halliburton	Activator	Diethylenetriamine	111-40-0	60%	0.04418%
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00086%
			Ethanol	64-17-5	60%	0.05131%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.02565%
			Naphthalene	91-20-3	5%	0.00428%
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00428%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.02582%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.02582%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00219%
			Walnut hulls	Mixture	100%	0.0073%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.17474%

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: Chasity Jackson Title: Regulatory Analyst
Date: 8/3/2012
E-mail Address: cjackson@conchoresources.com