

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.
30-015-38643

2. Well Name:
JACK FEDERAL #001H

3. Well Number:
001H

4. Surface Hole Location:
Unit:D Lot:1 Section:31 Township:25S Range:27E
Feet from:330 N/S Line:N
Feet from:380 E/W Line:W

5. Bottom Hole Location:
Unit:M Lot:4 Section:31 Township:25S Range:27E
Feet from:689 N/S Line:S
Feet from:634 E/W Line:W

6. latitude: longitude:
32.0926149125026 -
104.23672961396

7. County:
Eddy

HYDRAULIC FRACTURING FLUID DISCLOSURE

Original
 Amendment

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: 5/17/2012 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
97818

14. Gross Fractured Interval:
9,859 ft to 13,600 ft

15. True Vertical Depth (TVD):
9,654 ft

16. Total Volume of Fluid Pumped:
3 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)
Scaletrol 720	Baker Hughes	Scale Inhibitor	Ethylene Glycol	107-21-1	30%	28.5496764%
			Calcium Chloride	10043-52-4	5%	4.7582794%

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: Monti Sanders Permitting / ROW Title: Technician

Date: 7/19/2012

E-mail Address: msanders@concho.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.