

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:
30-025-41204

2. Well Name:
BEN LILLY 2 STATE COM #004H

3. Well Number:
004H

4. Surface Hole Location:
Unit:M Lot:M Section:2 Township:21S Range:33E
Feet from:330 N/S Line:S
Feet from:660 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:4 Section:2 Township:21S Range:33E
Feet from:332 N/S Line:N
Feet from:637 E/W Line:W

6. latitude:
32.5014446582679 longitude:
-103.54958813145

7. County:
Lea

8. Operator Name and Address:
COG OPERATING LLC
One Concho Center
600 W. Illinois Ave
Midland 79701

9. OGRID:
229137

10. Phone Number:
432-685-4332

11. Last Fracture Date: 4/11/2014 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
5535

14. Gross Fractured Interval:
11,878 ft to 18,435 ft

15. True Vertical Depth (TVD):
11,435 ft

16. Total Volume of Fluid Pumped:
3,636,069 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				100%	85.05596%
CRC-30/50	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	30%	4.29691%
			Mullite	1302-93-8	100%	14.32303%
			Phenol / formaldehyde resin	9003-35-4	5%	0.71615%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02815%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00157%
			Potassium metaborate	13709-94-9	60%	0.01882%
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Confidential Business Information	5%	0.0022%
			Glycerine	56-81-5	10%	0.0044%
			Poly(oxy-1,2-ethanediy), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.0132%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00416%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00823%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.01452%
			Silica, amorphous precipitated	67762-90-7	30%	0.00436%
CLA-STA-XP ADDITIVE	Halliburton	Clay Stabilizer	Polypichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01268%
SALT	Halliburton	Additive	Sodium chloride	7647-14-5	100%	0.04663%
CL-22UCw	Halliburton	Crosslinker	Modified alkane	Confidential Business Information	60%	0.03815%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00051%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	7E-05%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.02527%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00959%
			Crystalline silica, quartz	14808-60-7	30%	0.00288%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.24831%
Ingredients Listed Below This Line Are Part of the			2-Ethylhexanol	104-76-7	0%	0%
			Alkane	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Butyl alcohol	71-36-3	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Hexamethylenetetramine	100-97-0	0%	0%
			Hydrogen peroxide	7722-84-1	0%	0%
			Methanol	67-56-1	0%	0%
			Modified bentonite	Confidential Business Information	0%	0%
			Nitrotriactic acid, trisodium salt monohydrate	5064-31-3	0%	0%
			Organic salt	Confidential Business Information	0%	0%
			Polypropylene glycol	25322-69-4	0%	0%
			Propylene carbonate	108-32-7	0%	0%
			Propylene glycol	57-55-6	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium bicarbonate	144-55-8	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%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Trimethylamine, N-oxide	1184-78-7	0%	0%
			Ulexite	1319-33-1	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: Stormi Davis

Date: 6/3/2014

E-mail Address: sdavis@conchoresources.com

Title: Regulatory Analyst

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