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## EOG RESOURCES, INC. BULLDAWG 33 FED #602H

# Hydrogen Sulfide Plan Summary

- A. All personnel shall receive proper H2S training in accordance with Onshore Order III.C.3.a.
- B. Briefing Area: two perpendicular areas will be designated by signs and readily accessible.
- C. Required Emergency Equipment:
  - Well control equipment
    - a. Flare line 150' from wellhead to be ignited by flare gun.
    - b. Choke manifold with a remotely operated choke.
    - c. Mud/gas separator
  - Protective equipment for essential personnel.

Breathing apparatus:

- a. Rescue Packs (SCBA) 1 unit shall be placed at each breathing area, 2 shall be stored in the safety trailer.
- b. Work/Escape packs —4 packs shall be stored on the rig floor th sufficient air hose not to restrict work activity.
- c. Emergency Escape Packs —4 packs shall be stored in the doghouse for emergency evacuation.

Auxiliary Rescue Equipment:

- a. Stretcher
- b. Two OSHA full body harness
- c. 100 ft 5/8 inch OSHA approved rope
- d. 1-20# class ABC fire extinguisher

#### ■ H2S detection and monitoring equipment:

The stationary detector with three sensors will be placed in the upper dog house if equipped, set to visually alarm @ 10 ppm and audible @ 14 ppm. Calibrate a minimum of every 30 days or as needed. The sensors will be placed in the following places: Rig floor / Bell nipple / End of flow line or where well bore fluid is being discharged.

(Gas sample tubes will be stored in the safety trailer)

- Visual warning systems.
  - a. One color code condition sign will be placed at the entrance to the site reflecting the possible conditions at the site.
  - b. A colored condition flag will be on display, reflecting the current condition at the site at the time.
  - c. Two wind socks will be placed in strategic locations, visible from all angles.

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## ■ Mud program:

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The mud program has been designed to minimize the volume of H2S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H2S bearing zones.

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#### ■ Metallurgy:

All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H2S service.

#### • Communication:

Communication will be via cell phones and land lines where available.

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PUBLIC SAFETY:		<u>911 or</u>
Lea County Sheriff's Department		(575) 396-3611
Rod Coffman		
Fire Department:		
Carlsbad		(575) 885-3125
Artesia		(575) 746-5050
Hospitals:		
Carlsbad		(575) 887-4121
Artesia		(575) 748-3333
Hobbs		(575) 392-1979
Dept. of Public Safety/Carlsbad		(575) 748-9718
Highway Department		(575) 885-3281
New Mexico Oil Conservation		(575) 476-3440
U.S. Dept. of Labor		(575) 887-1174
		(370)007 1171
EOG Resources, Inc.		
EOG / Midland	Office	(432) 686-3600
	011100	(122) 000 2000
Company Drilling Consultants:		
Jeremy Rickels	Cell	(432) 894-3417
Josh Potts	0 <b>0</b> 11	(132) 09 1 8 111
Drilling Engineer		
Kirby Castille	Office	(432) 686-3657
	Cell	(432) 559-4987
Drilling Manager		()
Lee Lohoefer	Office	(432) 686-6716
	Cell	(817) 374-9686
Drilling Superintendent	001	(011) 511 2000
Jason Richey	Office	(432) 686-3665
	Cell	(817) 879-6521
Cactus Drilling	com	(017) 075 0521
Cactus Drilling	Office	(580) 799-2752
Cactus 123 Drilling Rig	Rig	(432) 894-3417
Cuolus 125 Stilling 10g	100	(152) () 1 5 127
Tool Pusher:		
Jack Herndon	Cell	(405) 519-6552
Larry Slife	Cell	(405) 250-6368
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Safety		
Reggie Phillips (HSE Manager)	Office	(432) 686-3747
report multips (1102 multiper)	Cell	(432) 250-7507
	Con	(152) 250-1501

# **Emergency Assistance Telephone List**