## EOG RESOURCES, INC. CABALLO 23 FED COM #701H

# 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:

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.

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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**Emergency Assistance Telephone List** 

Lea County Sheriff's Department Rod Coffman	PUBLIC SAFETY:		911 or
Fire Department:	Lea County Sheriff's Department		(575) 396-3611
Carlsbad Artesia (575) 885-3125	Rod Coffman		
Artesia (575) 746-5050  Hospitals:  Carlsbad (575) 887-4121 Artesia (575) 748-3333 Hobbs (575) 392-1979  Dept. of Public Safety/Carlsbad (575) 488-3281 New Mexico Oil Conservation (575) 476-3440 U.S. Dept. of Labor (575) 887-1174  EOG Resources, Inc. EOG / Midland Office (432) 686-3600  Company Drilling Consultants:  Jett Dueitt Cell (432) 230-4840  Blake Burney  Drilling Engineer Steve Munsell Office (432) 686-3609 Cell (432) 894-1256  Drilling Manager  Heath Work Office (432) 686-6716 Cell (903) 780-1179  Drilling Superintendent  Jason Fitzgerald Office (432) 848-9029 Cell (318) 347-3916  H&P Drilling H&P Drilling H&P Drilling H&P Drilling Rig Office (432) 563-5757 H&P 415 Drilling Rig Rig (432) 230-4840  Tool Pusher:  Johnathan Craig Rig (432) 230-4840  Safety Brian Chandler (HSE Manager) Office (432) 686-3695	Fire Department:		
Carlsbad	Carlsbad		(575) 885-3125
Carlsbad Artesia (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) 887-3174     U.S. Dept. of Labor (575) 887-1174     EOG Resources, Inc.     EOG / Midland (575) 887-1174     EOG Resources, Inc.     EOG / Midland (575) 887-1174     EOG Resources, Inc.     EOG / Midland (575) 887-1174     EOG Resources Inc.     EOG Resource	Artesia		(575) 746-5050
Artesia	Hospitals:		
Hobbs	Carlsbad		(575) 887-4121
Dept. of Public Safety/Carlsbad Highway Department (575) 748-9718 Highway Department (575) 885-3281 New Mexico Oil Conservation (575) 476-3440 U.S. Dept. of Labor  EOG Resources, Inc. EOG / Midland  Company Drilling Consultants:  Jett Dueitt Cell (432) 686-3600  Company Drilling Engineer Steve Munsell Office (432) 686-3609 Cell (432) 894-1256  Drilling Manager  Heath Work Office (432) 686-6716 Cell (903) 780-1179  Drilling Superintendent  Jason Fitzgerald Office (432) 848-9029 Cell (318) 347-3916  H&P Drilling H&P Drilling H&P Drilling Rig Tool Pusher: Johnathan Craig Brad Garrett  Safety Brian Chandler (HSE Manager) Office (432) 686-3695	Artesia		(575) 748-3333
Highway Department	Hobbs		(575) 392-1979
New Mexico Oil Conservation	Dept. of Public Safety/Carlsbad		(575) 748-9718
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Drilling Engineer   Steve Munsell   Office (432) 686-3609   Cell (432) 894-1256	Company Drilling Consultants:		
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Brian Chandler (HSE Manager) Office (432) 686-3695	Dia Guille		
Brian Chandler (HSE Manager) Office (432) 686-3695	Safety		
		Office	(432) 686-3695
		Cell	(817) 239-0251