EOG RESOURCES, INC. NAUTILUS 16 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.

EOG RESOURCES, INC. NAUTILUS 16 FED COM NO. 701H

11. WELLHEAD:

A multi-bowl wellhead system will be utilized.

After running the 10-3/4" surface casing, a 13-5/8" BOP/BOPE system with a minimum working pressure of 5000 psi will be installed on the wellhead system and will be pressure tested to 250 psi low followed by a 5000 psi pressure test. This pressure test will be repeated at least every 30 days, as per Onshore Order No. 2

The minimum working pressure of the BOP and related BOPE required for drilling below the surface casing shoe shall be 5000 psi.

The multi-bowl wellhead will be installed by vendor's representative(s). A copy of the installation instructions for the Stream Flo FBD100 Multi-Bowl WH system has been sent to the NM BLM office in Carlsbad, NM.

The wellhead will be installed by a third party welder while being monitored by WH vendor's representative.

All BOP equipment will be tested utilizing a conventional test plug. Not a cup or J-packer type.

A solid steel body pack-off will be utilized after running and cementing the intermediate casing. After installation the pack-off and lower flange will be pressure tested to 5000 psi.

Both the surface and intermediate casing strings will be tested as per Onshore Order No. 2 to at least 0.22 psi/ft or 1500 psi, whichever is greater.

EOG RESOURCES, INC. NAUTILUS 16 FED COM #701H

■ 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.

EOG RESOURCES, INC. NAUTILUS 16 FED COM #701H

Emergency	Assis	tance '	Telep	hone	List
e se i a la la 😅 e a consulta e	- 450 - 100 - 210			a few contract	1

Lea County Sheriff's Department Rod Coffman	PUBLIC SAFETY:	संक्रिक्त क्षेत्रक है।	Graniff,	M. H.	911 or
Rod Coffman Fire Department: Carlsbad (575) 885-3125 Artesia (575) 746-5050 Hospitals: Carlsbad (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) 885-3812 Highway Department (575) 887-9718 Highway Department (575) 885-1174 Highway Department (575) 885-1174 U.S. Dept. of Labor (575) 887-1174 U.S. Dept. of Labor	Lea County Sheriff's Department	and the second s			
Carlsbad (575) 885-3125 Artesia (575) 746-5050 Hospitals: Carlsbad (575) 887-4121 Artesia (575) 748-3333 Hobbs (575) 748-3333 Hobbs (575) 748-3333 Hobbs (575) 748-3333 Hobbs (575) 748-3783 Hoghway Department (575) 885-3281 New Mexico Oil Conservation (575) 885-3281 New Mexico Oil Conservation (575) 887-1174 EOG Resources, Inc. 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 Rig Rig (432) 230-4840 Tool Pusher: Johnathan Craig Rig (432) 230-4840 Tool Pusher: Johnathan Craig Cell (817) 760-6374 Brian Chandler (HSE Manager) Office (432) 686-3695		Partition of the second	ीं । की स्थ	e	() () ()
Carlsbad (575) 885-3125 Artesia (575) 746-5050 Hospitals: Carlsbad (575) 887-4121 Artesia (575) 748-3333 Hobbs (575) 748-3333 Hobbs (575) 748-3333 Hobbs (575) 748-3333 Hobbs (575) 748-3783 Hoghway Department (575) 885-3281 New Mexico Oil Conservation (575) 885-3281 New Mexico Oil Conservation (575) 887-1174 EOG Resources, Inc. 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 Rig Rig (432) 230-4840 Tool Pusher: Johnathan Craig Rig (432) 230-4840 Tool Pusher: Johnathan Craig Cell (817) 760-6374 Brian Chandler (HSE Manager) Office (432) 686-3695	Fire Department:				
Ariesia (575) 746-5050				(575)	885-3125
Carlsbad	Artesia		Ar 25,918	(575)	746-5050
Carlsbad	Hospitals:	The second of the second	Title Service	sir _i isi	
Artesia (575) 748-3333 Hobbs (575) 748-3333 Hobbs (575) 748-9718 (575) 392-1979 Dept. of Public Safety/Carlsbad (575) 392-1979 Dept. of Public Safety/Carlsbad (575) 885-3281 New Mexico Oil Conservation (575) 885-3281 New Mexico Oil Conservation (575) 887-1174 Dept. of Labor (675) 887-1174 Dept. of Labor (* .		(575).	887-4121
Hobbs (575) 392-1979	Artesia	-	[t,*/\$±		
Dept. of Public Safety/Carlsbad	Höbbs	10 1 12 12 12 12 12 12 12 12 12 12 12 12 1			
Highway Department	Dept. of Public Safety/Carlsbad	•			
New Mexico Oil Conservation					
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 Rig Rig (432) 230-4840 Tool Pusher: Johnathan Craig Brad Garrett Safety Brian Chandler (HSE Manager) Office (432) 686-3695					
## EOG Resources, Inc. EOG / Midland Office (432) 686-3600 Company Drilling Consultants:					
## Company Drilling Consultants: Jett Dueitt			* .		
## Company Drilling Consultants: Jett Dueitt	EOG Resources, Inc.	í			
Company Drilling Consultants: Jett Dueitt Cell (432) 230-4840 Blake Burney		· · ·	Office	(432)	686-3600
Drilling Engineer Steve Munsell Office (432) 686-3609 Cell (432) 894-1256					
Drilling Engineer Steve Munsell Office (432) 686-3609 Cell (432) 894-1256	Company Drilling Consultants:	. •			
Drilling Engineer Steve Munsell Office (432) 686-3609 Cell (432) 894-1256 Cell (432) 894-1256 Office (432) 686-6716 Cell (903) 780-1179 Office (432) 848-9029 Cell (318) 347-3916 Cell (318) 347-3916 Cell (318) 563-5757 Cell (318) 686-6716 Cell (817) 760-6374			Cell	(432)	230-4840
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 Office (432) 563-5757 Rig (432) 230-4840 Tool Pusher: Johnathan Craig Cell (817) 760-6374 Brad Garrett Safety Brian Chandler (HSE Manager) Office (432) 686-3695	Blake Burney		,	`. /	
Steve Munsell Office (432) 686-3609 Cell (432) 894-1256					
Steve Munsell Office (432) 686-3609 Cell (432) 894-1256	Drilling Engineer	:		·	
Cell (432) 894-1256		*	Office	(432)	686-3609
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 Office (432) 563-5757 H&P Drilling Rig Rig (432) 230-4840 Tool Pusher: Johnathan Craig Cell (817) 760-6374 Brad Garrett Safety Brian Chandler (HSE Manager) Office (432) 686-3695					
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 Office (432) 563-5757 H&P Drilling Rig Rig (432) 230-4840 Tool Pusher: Johnathan Craig Cell (817) 760-6374 Brad Garrett Safety Brian Chandler (HSE Manager) Office (432) 686-3695	Drilling Manager				
Cell (903) 780-1179 Drilling Superintendent Jason Fitzgerald Office (432) 848-9029 Cell (318) 347-3916 H&P Drilling Office (432) 563-5757 H&P Drilling Rig Rig (432) 230-4840 Tool Pusher: Johnathan Craig Cell (817) 760-6374 Brad Garrett Safety Brian Chandler (HSE Manager) Office (432) 686-3695			Office	(432)	686-6716
Jason Fitzgerald Office (432) 848-9029 Cell (318) 347-3916 H&P Drilling Office (432) 563-5757 H&P 415 Drilling Rig Rig (432) 230-4840 Tool Pusher: Johnathan Craig Cell (817) 760-6374 Brad Garrett Safety Brian Chandler (HSE Manager) Office (432) 686-3695		`			
Cell (318) 347-3916 H&P Drilling Office (432) 563-5757 H&P 415 Drilling Rig Rig (432) 230-4840 Tool Pusher:	Drilling Superintendent				
H&P Drilling H&P Drilling H&P Drilling H&P Drilling General Office (432) 563-5757 Rig (432) 230-4840 Tool Pusher: Johnathan Craig Brad Garrett Safety Brian Chandler (HSE Manager) Office (432) 686-3695	Jason Fitzgerald		Office	(432)	848-9029
H&P Drilling Office (432) 563-5757 H&P 415 Drilling Rig Rig (432) 230-4840 Tool Pusher: Johnathan Craig Cell (817) 760-6374 Brad Garrett Safety Brian Chandler (HSE Manager) Office (432) 686-3695			Cell	(318)	347-3916
H&P 415 Drilling Rig Tool Pusher: Johnathan Craig Brad Garrett Safety Brian Chandler (HSE Manager) Rig (432) 230-4840 Cell (817) 760-6374 Office (432) 686-3695	H&P Drilling		La Maria	the second	
Tool Pusher: Johnathan Craig Brad Garrett Safety Brian Chandler (HSE Manager) Cell (817) 760-6374 Office (432) 686-3695	H&P Drilling		Office	(432)	563-5757
Johnathan Craig Brad Garrett Safety Brian Chandler (HSE Manager) Cell (817) 760-6374 Office (432) 686-3695	H&P 415 Drilling Rig		Rig	(432)	230-4840
Johnathan Craig Brad Garrett Safety Brian Chandler (HSE Manager) Cell (817) 760-6374 Office (432) 686-3695			•		
Safety Brian Chandler (HSE Manager) Office (432) 686-3695	Tool Pusher:				
Safety Brian Chandler (HSE Manager) Office (432) 686-3695	Johnathan Craig	•	Cell	(817)	760-6374
Brian Chandler (HSE Manager) Office (432) 686-3695	Brad Garrett				
Brian Chandler (HSE Manager) Office (432) 686-3695					
	Safety				
Cell (817) 239-0251	Brian Chandler (HSE Manager)		Office	(432)	686-3695
			Cell	(817)	239-0251