

**EOG RESOURCES, INC.  
MAGNOLIA 15 #701H**

## **Hydrogen Sulfide Plan Summary**

- A. All personnel shall receive proper H<sub>2</sub>S 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/Escapes packs — 4 packs shall be stored on the rig floor with 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
  - H<sub>2</sub>S 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 H<sub>2</sub>S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H<sub>2</sub>S 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 H<sub>2</sub>S service.
  
- **Communication:**  
Communication will be via cell phones and land lines where available.

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**Emergency Assistance Telephone List**

<b><u>PUBLIC SAFETY:</u></b>	<b><u>911 or</u></b>
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
<b><u>EOG Resources, Inc.</u></b>	
EOG / Midland	Office (432) 686-3600
<b><u>Company Drilling Consultants:</u></b>	
David Dominique	Cell (985) 518-5839
Mike Vann	Cell (817) 980-5507
<b><u>Drilling Engineer</u></b>	
Kirby Castille	Office (432) 686-3657 Cell (432) 559-4987
<b><u>Drilling Manager</u></b>	
Heath Work	Office (432) 686-6716 Cell (903) 780-1179
<b><u>Drilling Superintendent</u></b>	
Jason Fitzgerald	Office (432) 848-9029 Cell (318) 347-3916
<b><u>H&amp;P Drilling</u></b>	
H&P Drilling	Office (432) 563-5757
H&P 651 Drilling Rig	Rig (903) 509-7131
<b><u>Tool Pusher:</u></b>	
Johnathan Craig	Cell (817) 760-6374
Brad Garrett	
<b><u>Safety</u></b>	
Brian Chandler (HSE Manager)	Office (432) 686-3695 Cell (817) 239-0251



EOG Resources, Inc.  
5509 Champions Drive  
Midland, Texas 79706  
(432) 686-3600

Date: January 19, 2017  
To: State of New Mexico Oil Conservation Division  
Re: Application for Permit to Drill; Magnolia 15 #701H, Magnolia 15 #702H,  
Magnolia 15 #709H

To whom it may concern:

This letter serves to notice you that the working interest ownership in all three wells list below is owned 100% by EOG Resources, Inc., who acquired the leases from Mewbourne Oil Company by a Partial Assignment and Conveyance dated August 1, 2016, recorded in Book 2049, Page 612, Deed Records, Lea County, New Mexico. The permits that were filed by Mewbourne Oil Company were filed prior to this date.

	WELL NAME	WELL #	LOCATION	POOL CODE/NAME
1	MAGNOLIA 15	#701H	NWNW-15-26S-33E	[98097] WC-025 G-09 S263327G; UPPER WOLFCAMP
2	MAGNOLIA 15	#702H	NWNW-15-26S-33E	[98097] WC-025 G-09 S263327G; UPPER WOLFCAMP
3	MAGNOLIA 15	#709H	NWNW-15-26S-33E	[98097] WC-025 G-09 S263327G; UPPER WOLFCAMP

I certify that this information is true and correct to the best of my knowledge.

EOG Resources, Inc.

By: *Gavin Smith*  
Gavin Smith  
Landman