devon

Devon Energy Corporation 20 North Broadway Oklahoma City, Oklahoma 73102-8260

Hydrogen Sulfide (H₂S) Contingency Plan

For

Rifleman "5" # 4

990'FNL & 990' FEL, Sec-5, T-22S R-26E

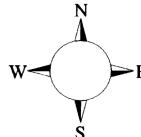
Eddy County NM

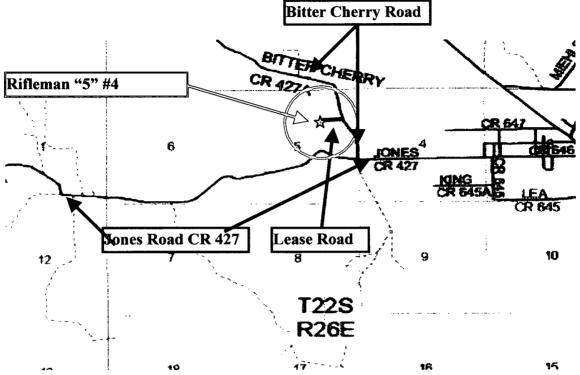
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APR 0 4 2005

Rifleman "5" # 4

This is an open drilling site. H₂S monitoring equipment and emergency response equipment will be used within 500' of zones known to contain H₂S, including warning signs, wind indicators and H₂S monitor.





Assumed 100 ppm ROE = 3000 (Radius of Exposure)
100 ppm H2S concentration shall trigger activation of this plan.

Escape

Crews shall escape upwind of escaping gas in the event of an emergency release of gas. Escape can be facilitated East on lease road to Bitter Cherry road. Crews should then move North or South outside of the shown ROE. Provision should then be made to block both directions of Bitter Cherry Road and both directions of Jones Road so as not to allow anyone traversing into a hazardous area. The blockade should be at a safe distance outside of the ROE There are no homes or buildings in the ROE. There is one home approximately ½ mile south. Care and consideration for the safety of the residents is primary in the event of a hazardous release. Evacuate the home despite the direction of the wind if the H₂S reaches the ROE concentration.

Emergency Procedures

In the case of a release of gas containing H₂S, the first responder(s) must isolate the area and prevent entry by other persons into the 100 ppm ROE. Additionally the first responder(s) must evacuate any public places encompassed by the 100 ppm ROE. First responder(s) must take care not to injure themselves during this operation. Company and/or local officials must be contacted to aid in this operation. Evacuation of the public should be beyond the 100 ppm ROE.

All responders must have training in the detection of H₂S, measures for protection against the gas, equipment used for protection and emergency response. Additionally, responders must be equipped with H₂S monitors and air packs in order to control the release. Use the "buddy system' to ensure no injuries during the response.

Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO₂). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

Characteristics of H₂S and SO₂

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentr- ation
Hydrogen Sulfide	H ₂ S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO ₂	2.21 Air = 1	2 ppm	N/A	1000 ppm

Contacting Authorities

Devon Energy Corp. personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. Devon Energy Corp. Company response must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER)

Devon Energy Corp. Company Call List

	Artesia	(505)	Cellular	Office	Home					
	Asst. For Cecil Th Mike My	a – BJ Catheyreman – Bobby Jones urmond yers – Tom Pepper	s 748-7447 . 748-7180 . (505) 513-0782	748-0176 748-0171 (505) 748-0187	746-3194 887-1479 (505) 395					
Agency Call List										
Eddy	y Ar	tesia								
Cour	nty	State Police				746-2703				
(505))	City Police				746-2703				
		Sheriff's Office				746-9888				
		Ambulance			•••••	911				
		Fire Department		•••••	•••••	746-2701				
		LEPC (Local Eme	rgency Planning C	ommittee)		746-2122				
		NMOCD	•••••			748-128				
Carlsbad										
	~	State Police				885-3137				
		City Police								
		Sheriff's Office								
		Ambulance								
		Fire Department								
		LEPC (Local Em								
		US Bureau of La								
		New Mexico Em								
		24 HR	• • •	•	,	` '				
		National Emerge				(800) 424-8802				
		National Lineige	ncy Response Co	Anter (w asimigtor	n, DCj	(600) 424-6602				
	E C H	nergency Services Boots & Coots IWC. Cudd Pressure Control Halliburton	ol	(915)	699-0139 c 746-2757					
Give GPS posit	ion: A	Flight For Life - Lubb Aerocare - Lubbock, Med Flight Air Amb Lifeguard Air Med	TX - Albuquerque, NN			.(806) 747-8923 .(505) 842-4433				

Prepared in conjunction with Wade Rohloff of;





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor

Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

April 6, 2005 Devon Energy Production Company, LP 20 North Broadway Oklahoma City, OK 73102 Attn: Linda Guthrie/Norvella Adams

Re:

Devon Energy Production Company: Rifleman '5' # 4, located in Unit A

(990' FNL & 990' FEL) of Section 5, Township 22 South, Range 26 East, Eddy County,

New Mexico, NMPM

Dear Ms. Guthrie and Ms. Adams,

In regards with conditions for approval (in part) for the above captioned well, the New Mexico Oil Conservation Division (NMOCD) will require the following:

This is for Devon Energy Production Company, LP to take samples from the flow line of the drilling mud every 100 'in order to determine the chloride levels starting at surface down through the setting depth of the intermediate casing projected to be @ 2150'.

In addition, the surface and intermediate section of the well bore is to be drilled with fresh water mud as noted on your APD.

The results of this data are to be submitted to the NMOCD in Artesia.

Please call our office if you have any questions regarding this matter.

Respectfully yours,

Bryan G. Arrant PES

CC: Well File