

Yates Drilling Company

105 S. Fourth Street

Artesia, NM 88210

Hydrogen Sulfide (H₂S) Contingency Plan

For

30-015-33233

Parrot Federal Com. #1

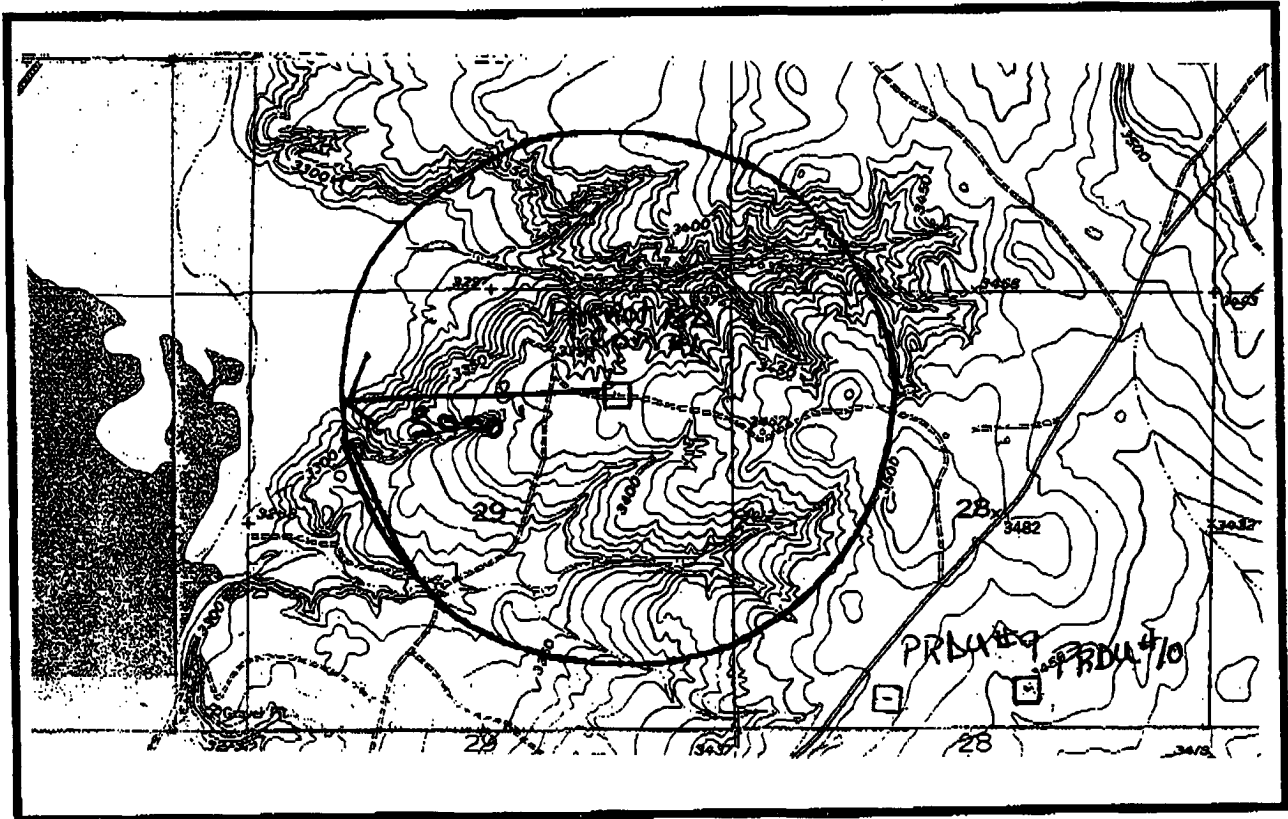
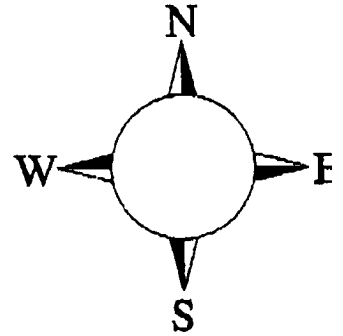
1200' FNL, 1310' FEL

Sec-29, T-19S, R-27E

Eddy County NM

Parrot Federal Com. #1 Location

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.



Yates Petroleum Company (YPC) is a subsidiary of Occidental Petroleum Corporation (OXY). YPC is a leading producer of oil and natural gas in the United States. YPC is also a leading producer of refined petroleum products in the United States. YPC is a leading producer of petrochemicals in the United States. YPC is a leading producer of petrochemicals in the United States.

Yates Drilling Company Phone Numbers

YDC Office (505) 748-8460
 Toby Rhodes/Operations Manager (505) 748-8461
 Greg Boans/Production Manager (505) 365-5233
 Artesia Answering Service (505) 748-4302
 (During non-office hours)

Agency Call List**Eddy County (505)****Artesia**

State Police..... 746-2703
 City Police..... 746-2703
 Sheriff's Office 746-9888
 Ambulance 911
 Fire Department 746-2701
 LEPC (Local Emergency Planning Committee) 746-2122
 NMOCD..... 748-1283

Carlsbad

State Police..... 885-3137
 City Police..... 885-2111
 Sheriff's Office 887-7551
 Ambulance 911
 Fire Department 885-2111
 LEPC (Local Emergency Planning Committee)..... 887-3798
 US Bureau of Land Management..... 887-6544

New Mexico Emergency Response Commission (Santa Fe) (505)476-9600
 24 HR (505) 827-9126
 National Emergency Response Center (Washington, DC) ... (800) 424-8802

Other

Boots & Coots IWC 1-800-256-9688 or (281) 931-8884
 Cudd Pressure Control..... (915) 699-0139 or (915) 563-3356
 Halliburton (505) 746-2757
 B. J. Services..... (505) 746-3569

Flight For Life -4000 24th St, Lubbock, TX (806) 743-9911
 Aerocare -Rr 3 Box 49f, Lubbock, TX (806) 747-8923
 Med Flight Air Amb 2301 Yale Blvd SE #D3, Albuquerque, NM (505) 842-4433
 S B Air Med Svc 2505 Clark Carr Loop SE, Albuquerque, NM (505) 842-4949

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 Concentration
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

YPC 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. YPC Company response must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER)