

30-025-40771

H₂S Contingency Plan
Diamondtail 23 Federal 5
 Cimarex Energy Co.
 Unit C, Section 23
 T23S-R32E; Lea County, NM

HOBBS OCD

SEP 20 2012

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Emergency Procedures

In the event 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.
- ★ Evacuate any public places encompassed by the 100 ppm ROE.
- ★ Be equipped with H₂S monitors and air packs in order to control the release.
- ★ Use the "buddy system" to ensure no injuries occur during the response.
- ★ Take precautions to avoid personal injury during this operation.
- ★ Contact operator and/or local officials to aid in operation. See list of phone numbers attached.
- ★ Have received training in the:
 - ♦ Detection of H₂S, and
 - ♦ Measures for protection against the gas,
 - ♦ Equipment used for protection and emergency 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

Cimarex Energy Co. of Colorado's personnel must liaise 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 including directions to site. The following call list of essential and potential responders has been prepared for use during a release. Cimarex Energy Co. of Colorado's response must be in coordination with the State of New Mexico's "Hazardous Materials Emergency Response Plan" (HMER).

H₂S Contingency Plan Emergency Contacts

Diamondtail 23 Federal 5

Cimarex Energy Co.

Unit C, Section 23

T23S-R32E; Lea County, NM

Company Office

| | |
|---------------------------------|--------------|
| Cimarex Energy Co. of Colorado | 800-969-4789 |
| Co. Office and After-Hours Menu | |

Key Personnel

| Name | Title | Office | Mobile |
|----------------|----------------------|--------------|--------------|
| Larry Seigrist | Drilling Manager | 432-620-1934 | 580-243-8285 |
| Scott Lucas | Field Drilling Super | | 432-894-5572 |
| Jeff Lajoie | Field Drilling Super | | 432-257-9889 |
| Roy Shirley | Field Super | | 432-634-2136 |

Artesia

| | |
|--------------------------------------|---------------------|
| Ambulance | 911 |
| State Police | 575-746-2703 |
| City Police | 575-746-2703 |
| Sheriff's Office | 575-746-9888 |
| Fire Department | 575-746-2701 |
| Local Emergency Planning Committee | 575-746-2122 |
| New Mexico Oil Conservation Division | 575-748-1283 |

Carlsbad

| | |
|------------------------------------|---------------------|
| Ambulance | 911 |
| State Police | 575-885-3137 |
| City Police | 575-885-2111 |
| Sheriff's Office | 575-887-7551 |
| Fire Department | 575-887-3798 |
| Local Emergency Planning Committee | 575-887-6544 |
| US Bureau of Land Management | 575-887-6544 |

Santa Fe

| | |
|--|--------------|
| New Mexico Emergency Response Commission (Santa Fe) | 505-476-9600 |
| New Mexico Emergency Response Commission (Santa Fe) 24 Hrs | 505-827-9126 |
| New Mexico State Emergency Operations Center | 505-476-9635 |

National

| | |
|---|--------------|
| National Emergency Response Center (Washington, D.C.) | 800-424-8802 |
|---|--------------|

Medical

| | |
|---|--------------|
| Flight for Life - 4000 24th St.; Lubbock, TX | 806-743-9911 |
| Aerocare - R3, Box 49F; Lubbock, TX | 806-747-8923 |
| Med Flight Air Amb - 2301 Yale Blvd S.E., #D3; Albuquerque, NM | 505-842-4433 |
| SB Air Med Service - 2505 Clark Carr Loop S.E.; Albuquerque, NM | 505-842-4949 |

Other

| | | | |
|-----------------------|--------------|----|--------------|
| Boots & Coots IWC | 800-256-9688 | or | 281-931-8884 |
| Cudd Pressure Control | 432-699-0139 | or | 432-563-3356 |
| Halliburton | 575-746-2757 | | |
| B.J. Services | 575-746-3569 | | |

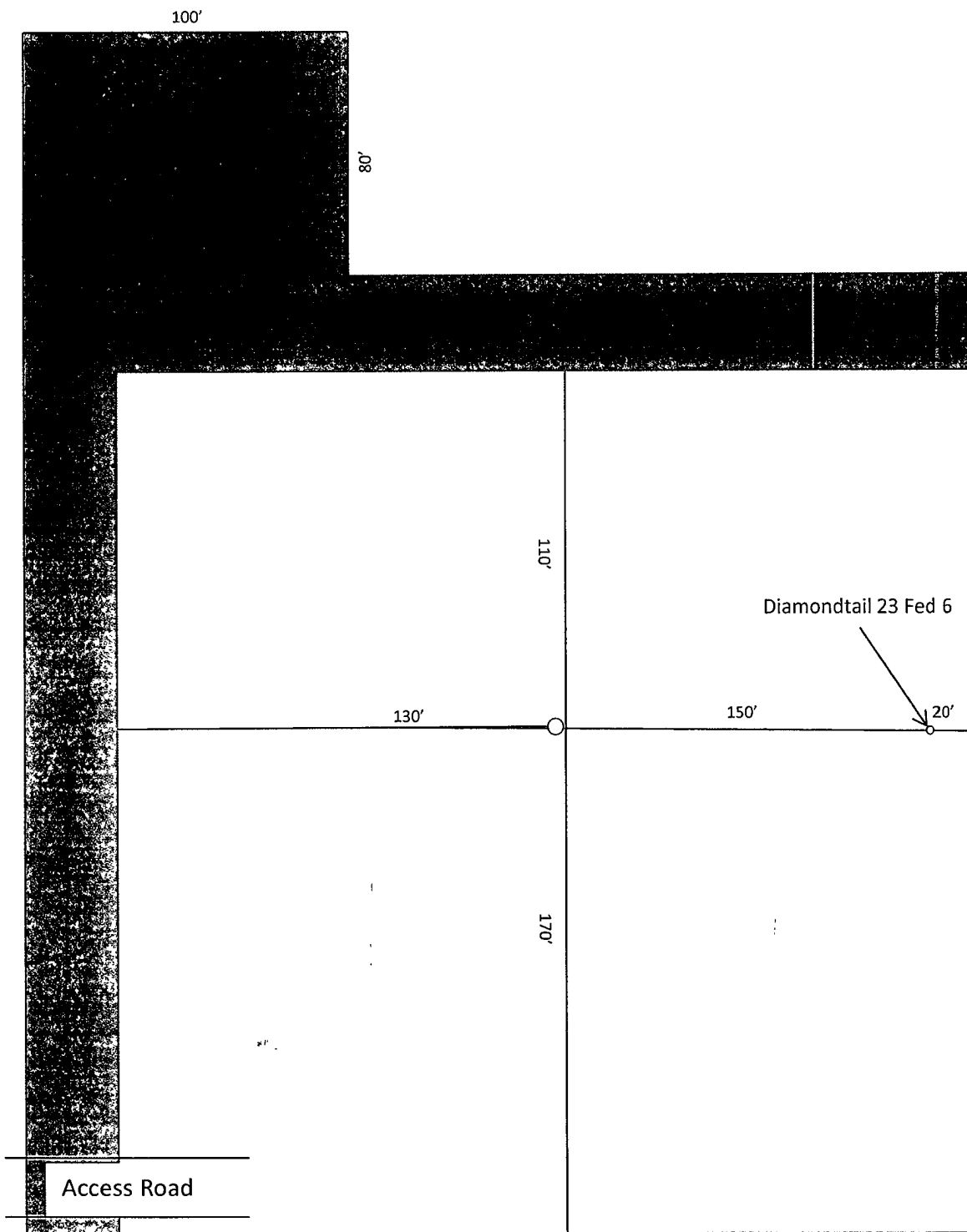


Exhibit "D-1"
Interim Reclamation Plat
Diamondtail 23 Federal 5
Cimarex Energy Co.
23-23S-32E
SHL 330 FNL & 2055 FEL
BHL 330 FSL & 2310 FWL
Lea County, NM

