

30-025-41041

**HYDROGEN SULFIDE (H<sub>2</sub>S) CONTINGENCY PLAN**

HOBBS OCD

Assumed 100 ppm ROE = 3000'

DEC 06 2011

100 ppm H<sub>2</sub>S concentration shall trigger activation of this plan. RECEIVED**Emergency Procedures**In the event of a release of gas containing H<sub>2</sub>S, 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 H<sub>2</sub>S 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 H<sub>2</sub>S, 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 (SO<sub>2</sub>). 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 this is an ignition of the gas.

**Characteristics of H<sub>2</sub>S and SO<sub>2</sub>**

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

**Contacting Authorities**

Seely Oil Company 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 including directions to site. The following call list of essential and potential responders has been prepared for use during a release. Lime Rock Resources response must be in coordination with the State of New Mexico's "Hazardous Materials Emergency Response Plan" (HMER).

MAR 06 2013

## H<sub>2</sub>S CONTINGENCY PLAN EMERGENCY CONTACTS

Company Office – Seely Oil Company 817-332-1377  
Answering Service (During Non-Office Hours) 817-992-1737

### Key Personnel

Name	Title	Phone Number
David Henderson	Production Engineer	817-332-1377 Cell: 817-992-1737
Mike Frazier	Production Supervisor	575-390-2171 Cell

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	575-8885-3137
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

New Mexico Emergency Response Commission (Santa Fe)	505-476-9600
24 Hour	505-827-9126
New Mexico State Emergency Operations Center	505-476-9635
National Emergency Response Center (Washington, DC)	800-424-8802

### Other

Boots & Coots IWC	800-256-9688 or 281-931-8884
Cudd PressureControl	915-699-0139 or 915-563-3356
Halliburton	575-746-2757
B. J. Services	575-746-3569
Flight For Life – 4000 24 <sup>th</sup> St. Lubbock, Texas	806-743-9911
Aerocare – R3, Box 49F, Lubbock, Texas	806-747-8923
Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuquerque, NM	505-842-4433
S B Air Med Service – 2505 Clark Carr Loop SE, Albuquerque, NM	505-842-4949

## FW: Scanned Docs

From: **David Henderson** (dhenderson@seelyoil.com)  
Sent: Fri 10/07/11 9:44 AM  
To: gr.smith1@hotmail.com  
1 attachment  
scan2011-10-07-112345.pdf (893.2 KB)

George:

Enclosed are the test results for the EK Penrose Sand Unit No. 501 and the McElvain Federal A No. 1( Unit letters 19 O and 30 A of 18S-34e respectfully ).

David

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**From:** Shellie Davis  
**Sent:** Friday, October 07, 2011 10:23 AM  
**To:** David Henderson  
**Subject:** Scanned Docs

MOBILE ANALYTICAL LABORATORIES, INC.  
P. O. BOX 69210  
ODESSA, TEXAS 79769  
PHONE 432-337-4744 FAX 432-337-8781

## ANALYSIS REPORT

COMPANY .....	FRONTIER ENERGY SERVICES	LAB NUMBER .....	3121
LEASE .....	FED CS #1 SWSE 3.19	DATE SAMPLED .....	12/29/05
STATION .....	060-35-001	DATE RUN .....	02/13/06
OPERATOR .....	MALJAMAR	PRESS. PSIA .....	48.0
EFFECTIVE .....	01/01/06	TEMP. DEG. F .....	82
CYLINDER .....	041	SAMPLE .....	SPOT

COMPONENT	MOL %	GPM
NITROGEN .....	55.174	0.000
CARBON DIOXIDE .....	0.084	0.000
METHANE .....	27.461	0.000
ETHANE .....	6.574	1.747
PROPANE .....	5.801	1.589
ISO-BUTANE .....	0.884	0.288
N-BUTANE .....	2.014	0.631
ISO-PENTANE .....	0.615	0.224
N-PENTANE .....	0.510	0.184
HEXANES PLUS .....	0.867	0.376
H2S .....	0.016	0.000
TOTALS	100.000	5.039

ANALYSIS CALCULATED AT 14.65 PSIA &amp; 60 DEG. F

GROSS DRY BTU/CU.FT. .... 723  
GROSS WET BTU/CU.FT. .... 710  
CALC. REAL SP.GR. .... 0.9596  
C5+ GPM ..... 0.784  
WATER CONTENT LBS/MMSCF ....  
H2S PPM ..... 160

DISTRIBUTION:  
JERRY WRIGHT

NOTES:



3229 Industrial Drive  
Hobbs, NM 88240  
575.392.2973

JOB TICKET NUMBER 13338

DATE: 9-30-11

**PO#:**

OCSG#: 660 FSL-1980 FEL (519-18-34)

## DESTINATION OF PRODUCT OR SERVICE

☒ Land    ☐ Water    ☐ Offshore    ☐ International

Job: A25 SURVER

Location: E K P 50 A 501 30-025-27434

City: MALIBU

County: LFA

State: NJ

Country: U.S.

**Ship Via:**

BILL TO NAME: SEELY JELCO

ADDRESS: 2156 W 14TH ST

FORT WORTH TX 56201

CONTACT: DAVID HENDERSON

PHONE: 1-814-337-1377 Fax - 1-817-329-1377

[illegible]

Mileage	Round Trips @	Miles Per Trip=	Total Miles @	Per Mile
Freight	Freight Charges			\$

		SUB-TOTAL \$	417.	50
Tax Code	%	TOTAL TAX \$		
		TICKET TOTAL \$		

Customer Pickup

X MIKE FRAZIER  
(Print Name)

**Total Safety  
Representat**

X STEVE KRUDENIS  
(Print Name)

Date: 3-30-11

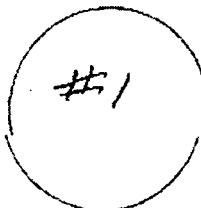
Customer  
Return

**X**

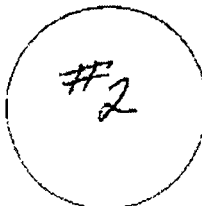
Date:

**TOTAL SAFETY H2S SURVEY REPORT**Battery / Station Name : EK PSU #501County : Lea Date : 9-30-11

Tank

BREATHING ZONE  
LIP OF HATCH  
VAPOR SPACE  
TANK SIZE0 ppm  
0 ppm  
0 ppm  
0 ppm

Tank

BREATHING ZONE  
LIP OF HATCH  
VAPOR SPACE  
TANK SIZE0 ppm  
0 ppm  
0 ppm  
0 ppm

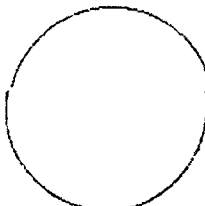
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BREATHING ZONE  
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VAPOR SPACE  
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TANK SIZE0 ppm  
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Tank

BREATHING ZONE  
LIP OF HATCH  
VAPOR SPACE  
TANK SIZE   
   
   
 H2S TECH. Steve Prudencio

