

H₂S Preparedness and Contingency Plan Summary



Talco 25-25-35 Fed 1H

MAY 05 2015

Training

RECEIVED

MCBU Drilling and Completions H₂S training requirements are intended to define the minimum level of training required for employees, contractors and visitors to enter or perform work at MCBU Drilling and Completions locations that have known concentrations of H₂S.

Awareness Level

Employees and visitors to MCBU Drilling and Completions locations that have known concentrations of H₂S, who are not required to perform work in H₂S areas, will be provided with an awareness level of H₂S training prior to entering any H₂S areas. At a minimum, awareness level training will include:

1. Physical and chemical properties of H₂S
2. Health hazards of H₂S
3. Personal protective equipment
4. Information regarding potential sources of H₂S
5. Alarms and emergency evacuation procedures

Awareness level training will be developed and conducted by personnel who are qualified either by specific training, educational experience and/or work-related background.

Advanced Level H₂S Training

Employees and contractors required to work in areas that may contain H₂S will be provided with Advanced Level H₂S training prior to initial assignment. In addition to the Awareness Level requirements, Advanced Level H₂S training will include:

1. H₂S safe work practice procedures;
2. Emergency contingency plan procedures;
3. Methods to detect the presence or release of H₂S (e.g., alarms, monitoring equipment), including hands-on training with direct reading and personal monitoring H₂S equipment.
4. Basic overview of respiratory protective equipment suitable for use in H₂S environments. Note: Employees who work at sites that participate in the Chevron Respirator User program will require separate respirator training as required by the MCBU Respiratory Protection Program;
5. Basic overview of emergency rescue techniques, first aid, CPR and medical evaluation procedures. Employees who may be required to perform "standby" duties are required to receive additional first aid and CPR training, which is not covered in the Advanced Level H₂S training.
6. Proficiency examination covering all course material.

Advanced H₂S training courses will be instructed by personnel who have successfully completed an appropriate H₂S train-the-trainer development course (ANSI/ASSE Z390.1-2006) or who possess significant past experience through educational or work-related background.

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Well Control Equipment

- a) Flare Line 150' from wellhead with igniter.
- b) Choke manifold with a remotely operated choke.
- c) Mud / gas separator

Mud Program

In the event of drilling, completions, workover and well servicing operations involving a hydrogen sulfide concentration of 100 ppm or greater the following shall be considered:

- 1. Use of a degasser
- 2. Use of a zinc based mud treatment
- 3. Increasing mud weight

Public Safety - Emergency Assistance

<u>Agency</u>	<u>Telephone Number</u>
Lea County Sheriff's Department	575-396-3611
Fire Department:	
Carlsbad	575-885-3125
Artesia	575-746-5050
Lea County Regional Medical Center	575-492-5000
Jal Community Hospital	505-395-2511
Lea County Emergency Management	575-396-8602
Poison Control Center	800-222-1222

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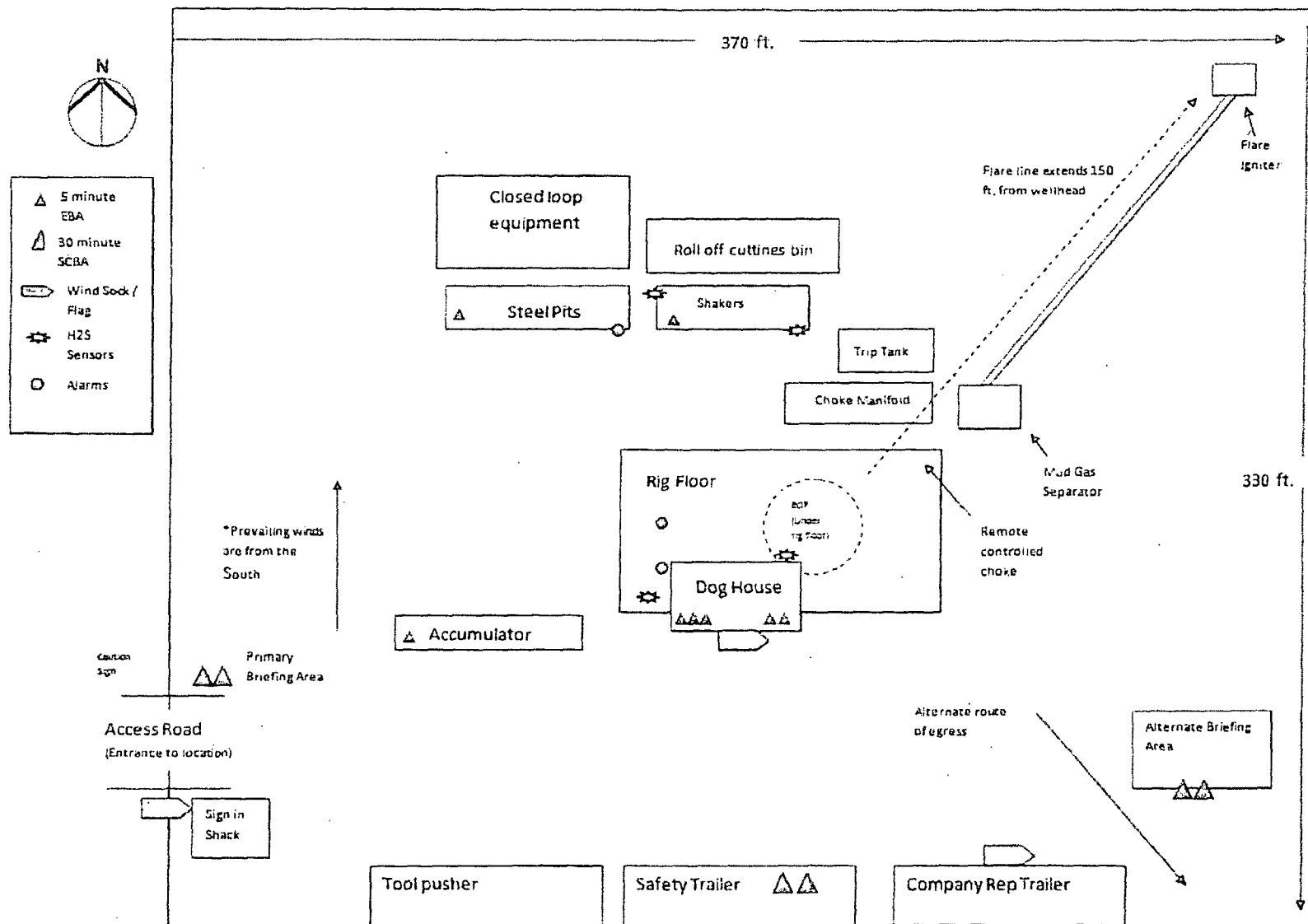


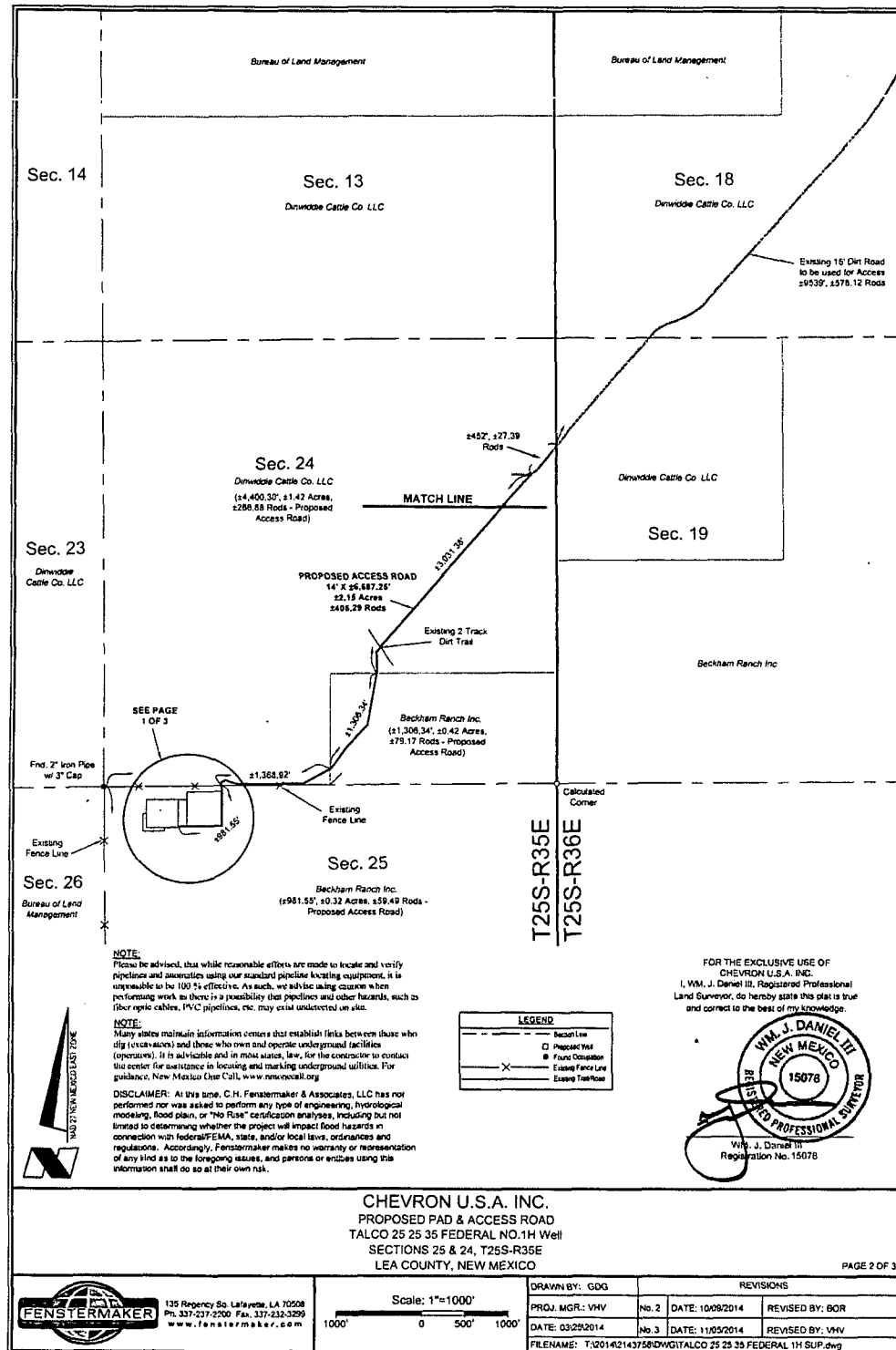
Chevron MCBU D&C Emergency Notifications

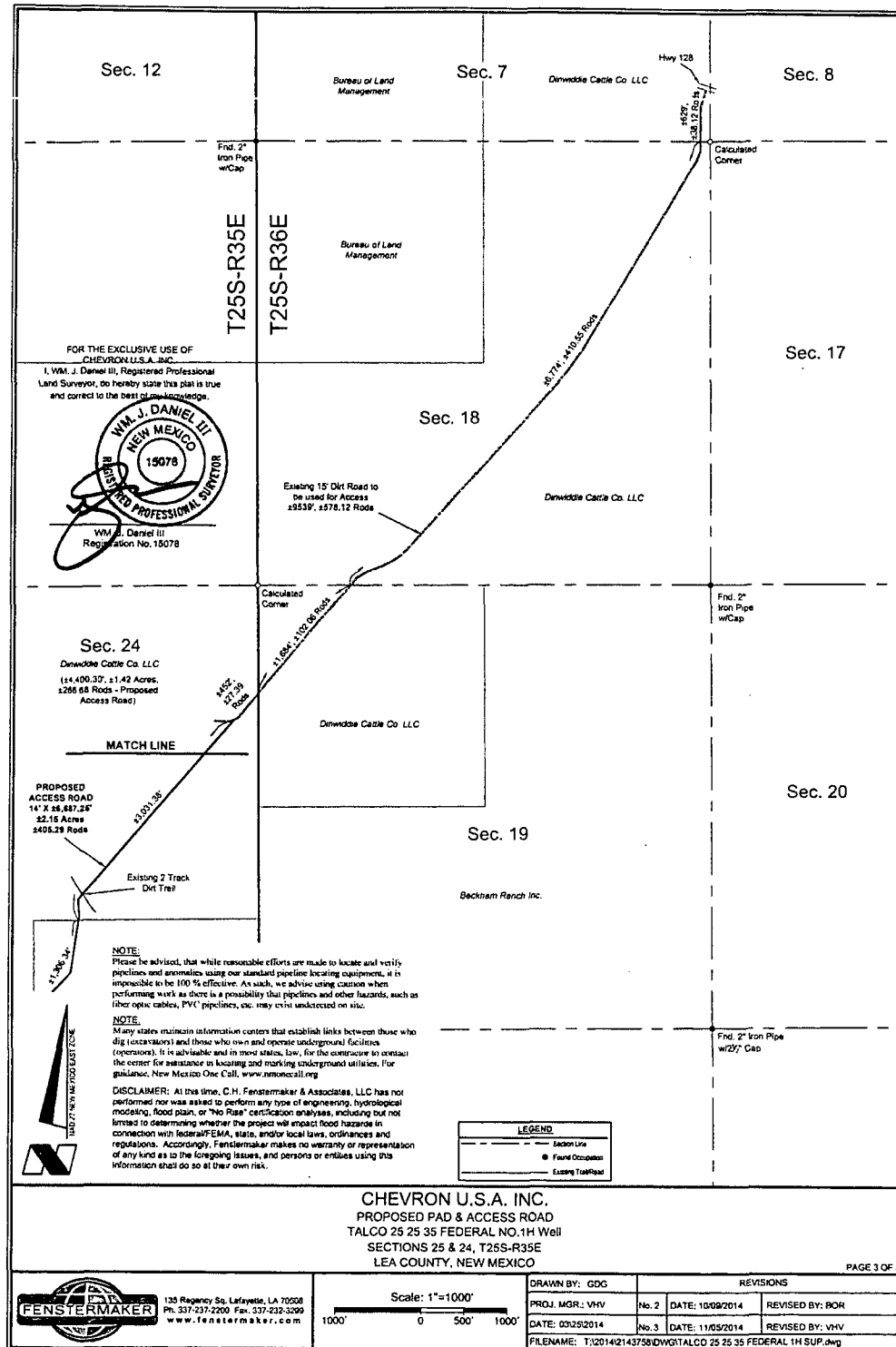
Below are lists of contacts to be used in emergency situations.

	Name	Title	Office Number	Cell Phone
1.	Kyle Johnson	Drilling Engineer	(713) 372-6514	(832) 714-0670
2.	Phil Clark	Superintendent	(713) 372-7588	(832) 741-4175
5.	Kim McHugh	Drilling Manager	(713) 372-7591	(713) 204- 8550
6.	Darrell Hammons	Operations Manager	(713) 372-5747	(281) 352 2302
7.	Andrea Calhoun	D&C HES	(713) 372-7586	(832) 588-0100
8.	Andrew Espinosa	Completion Engineer	(713) 372-7587	(713) 294-9534

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A Tomkins Company

Robsco, Inc.

OILFIELD RUBBER PRODUCTS

4749 Eastpark Drive

Houston, TX 77028

United States of America

Gates Corporation Authorized Rotary and Vibrator Hose Subcontracted Fabricator

Hydrostatic Test Certification

Robsco, Inc. certifies that the following hose assembly has been tested to the Gates Oilfield Roughneck Agreement/Specification requirements and passed the hydrostatic test per API Spec 7K, Fifth Edition, June 2010, Test pressure 9.6.7 and per Table 9 to 15,000 psi in accordance with this product number. Hose burst pressure 9.6.7.2 exceeds the minimum of 2.25 times the working pressure per Table 9.

Assembly Part Number

36332R3-1/16HUB10K-LL-L

Serial Number / Date Code

L32461102512R112712-5

Chart Recorder Information

Hose Size

3.5IN X 32FT

Testers

OC CS

Serial Number

Recorder 22349

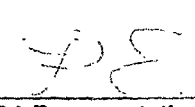
Calibration Date


Oct. 19th 2012

Lloyd's Register Type Approved for Fire Test OD/1000/499 Rev 1

Hydrostatic Test: Passed

Visual Inspection: Passed


QA Representative Signature

11/28/2012 
Date & Initial

Shipper:

GHX - Robsco, Inc.
4749 Eastpark Drive

Houston, TX 77028
Rufus Dominguez 713-672-1777

Shipment Reference: 9415989
Consignee Reference: 491394-156JR
Total Weight: 1687
Total Shipment Pieces: 1

Label 1 of 1

Sala, Inc.
853-1923-A
11/29/2012

Special Instruction

DO NOT STAND CRATES ON END!!!!

DIM Weight: 1105
qty: 1 (88 x 84 x 29)

00608423360 2

TOTAL SERVICE SUPPLY LP
1620 VICEROY

ODESSA, TX 79763
ATTN: BRUCE

(Fold Sheet Here)

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2103539-9418989

3 1/2" X 32' w/ 10 1/16" C & K Lloyd 40K

L 32461102512 R 112712-S

Length of post - 27.05

SK post 26.8

Over All = 31.48

6930 w/p

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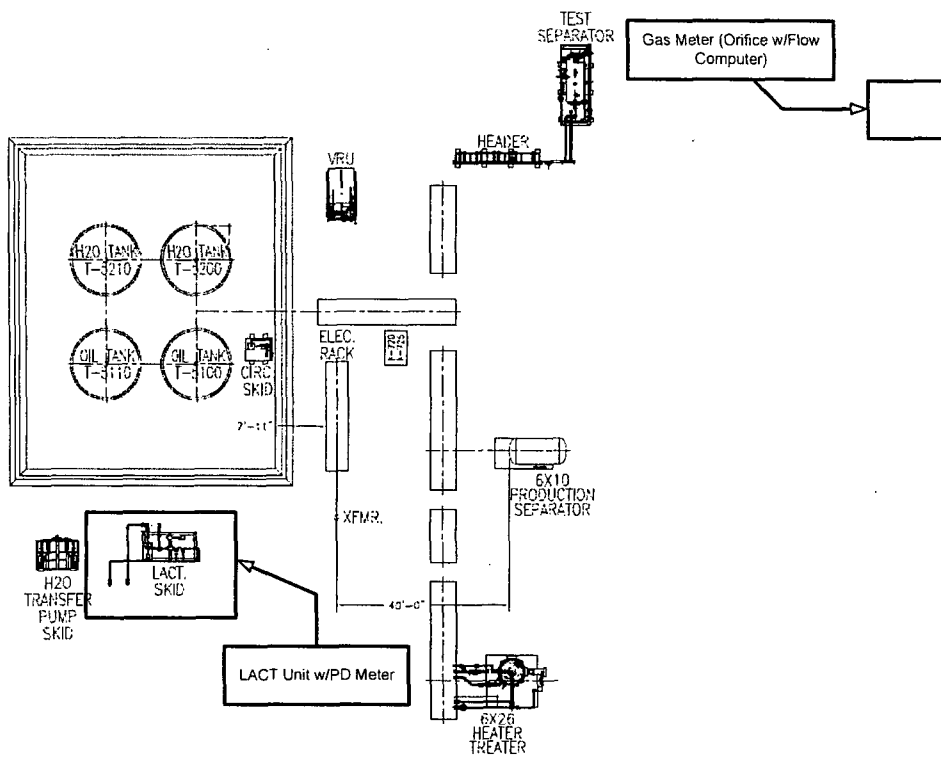
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Exhibit C

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