

## Griswold, Jim, EMNRD

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**From:** Griswold, Jim, EMNRD  
**Sent:** Friday, April 24, 2015 10:43 AM  
**To:** Herrmann, Keith, EMNRD  
**Subject:** Marker Oil  
**Attachments:** Marker Rose #2 field notes.pdf

Keith,

Director Catanach and I visited the Rose #2 (30-025-28772) well operated by Marker Oil on the afternoon of February 25<sup>th</sup> while in the area on other business. When we approached the location there were numerous cattle (bulls, cows, and calves) in the immediate area. You already have the photographs I took at the time. There was no fencing around the bermed area east of the wellhead which contained two tanks and a heater treater. Crude oil filled a significant portion of the bermed area. I stepped off the approximate size of the berm (19 x 14 paces) which had approximately 2 inches of oil across more than one-half of the overall footprint. That would provide an estimated fluid volume as follows:

19 paces at 3 feet per pace = 57 feet

14 paces = 42 feet

2 inches = 0.1667 feet

Total volume within berm =  $57 \times 42 \times 0.1667 \times 0.5 = 199.5$  cubic feet = 1492.8 gallons = 35.5 barrels

This does not include any liquid which has soaked into the underlying soils. There was a wheelbarrow and rake onsite. It appeared that someone was placing caliche into the berm rather than attempting to pump out the free liquid. Electrical power to the pumpjack appeared to shut off.

### **Jim Griswold**

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March 2014

2/25/14

Rose # 2

30-025-28772

N-S-185-34E

2:45 PM

Crude oil in berm surrounding 2 tanks  
+ heater structure

~19 pieces x 14 pieces x 2" deep









































CRUISE - HINDS  
74 12 301





**WINDER**  
**HIGH VOLTAGE**



**480 VOLTS**

HAZARDOUS  
VOLTAGE  
DO NOT TOUCH  
UNLESS YOU ARE  
A QUALIFIED  
ELECTRICIAN  
OR A LICENSED  
ELECTRICIAN  
OR A LICENSED  
ELECTRICIAN

