

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

HOBBS OCD  
NOV 21 2013  
RECEIVED

Form C-101  
Revised August 1, 2011

Permit

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|                                                                                                                                  |  |                                         |
|----------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------|
| <sup>1</sup> Operator Name and Address<br>Texland Petroleum-Hobbs, LLC<br>777 Main Street, Suite 3200<br>Fort Worth, Texas 76102 |  | <sup>2</sup> OGRID Number<br>113315     |
| <sup>4</sup> Property Code<br>34963                                                                                              |  | <sup>3</sup> API Number<br>30-025-37398 |
| <sup>5</sup> Property Name<br>EM 3                                                                                               |  | <sup>6</sup> Well No.<br>#1             |

**7 Surface Location**

|               |              |                  |               |         |                   |                   |                   |                  |               |
|---------------|--------------|------------------|---------------|---------|-------------------|-------------------|-------------------|------------------|---------------|
| UL - Lot<br>J | Section<br>2 | Township<br>17-S | Range<br>36-E | Lot Idn | Feet from<br>1740 | N/S Line<br>South | Feet From<br>2310 | E/W Line<br>East | County<br>Lea |
|---------------|--------------|------------------|---------------|---------|-------------------|-------------------|-------------------|------------------|---------------|

**8 Pool Information**

|                     |                   |
|---------------------|-------------------|
| Shoe Bar - Wolfcamp | LOVINGTON PADDOCK |
|---------------------|-------------------|

**Additional Well Information**

|                             |                                          |                                                          |                                 |                                               |
|-----------------------------|------------------------------------------|----------------------------------------------------------|---------------------------------|-----------------------------------------------|
| <sup>9</sup> Work Type<br>P | <sup>10</sup> Well Type<br>O             | <sup>11</sup> Cable/Rotary<br>n/a                        | <sup>12</sup> Lease Type<br>S   | <sup>13</sup> Ground Level Elevation<br>3837' |
| <sup>14</sup> Multiple<br>N | <sup>15</sup> Proposed Depth<br>TD 8359' | <sup>16</sup> Formation<br>Glorieta                      | <sup>17</sup> Contractor<br>n/a | <sup>18</sup> Spud Date<br>ASAP               |
| Depth to Ground water 90'   |                                          | Distance from nearest fresh water well 4962' to the West |                                 | Distance to nearest surface water 2 miles     |

**19 Proposed Casing and Cement Program**

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| See  | original  | completion  |                  |               |                 |               |
|      |           |             |                  |               |                 |               |
|      |           |             |                  |               |                 |               |
|      |           |             |                  |               |                 |               |
|      |           |             |                  |               |                 |               |

**Casing/Cement Program: Additional Comments**

See attached current and proposed wellbore schematic for additional information. During this procedure we plan to use the Closed-Loop system and haul contents to the required disposal.

**Proposed Blowout Prevention Program**

| Type | Working Pressure | Test Pressure | Manufacturer |
|------|------------------|---------------|--------------|
|      |                  |               |              |

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  
I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Vickie Smith

Vickie Smith

Title: Regulatory Analyst

E-mail Address: vsmith@texpetro.com

Date: November 19, 2013

Phone: 575-397-7450

**OIL CONSERVATION DIVISION**

Approved By:

*[Signature]*

Title:

Petroleum Engineer

Approved Date:

11/27/13

Expiration Date:

11/27/15

Conditions of Approval Attached

DEC 02 2013

# EM 2 STATE #1

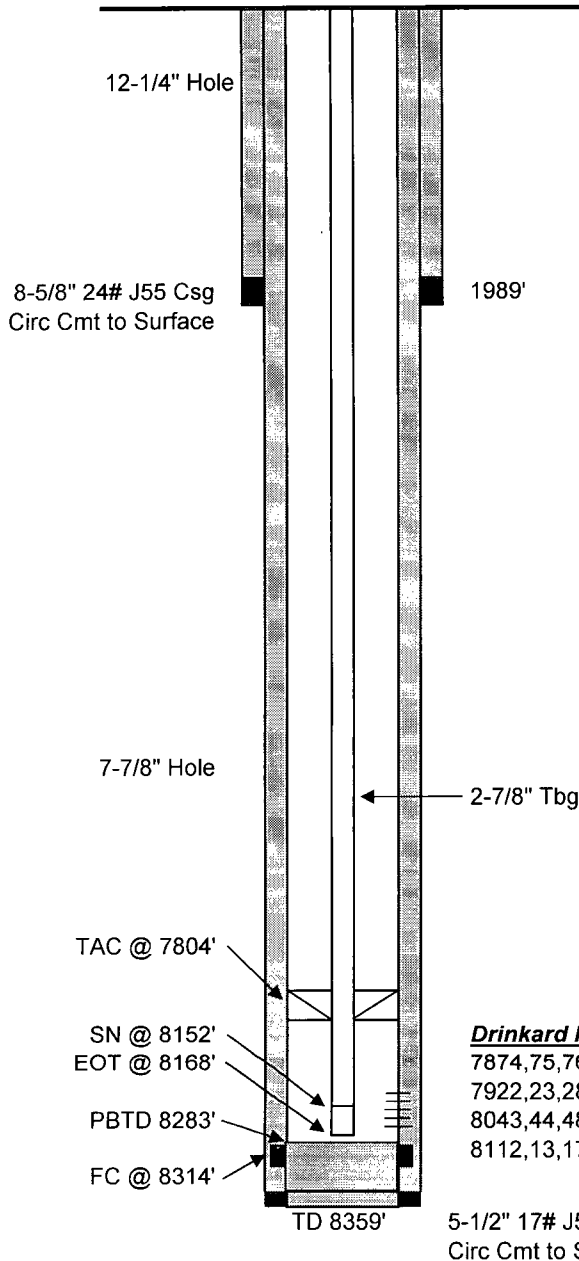
## Current Wellbore Schematic

Dr'd 11/2005

KB: 3858'

GL: 3837'

Z: 21' AGL



|         | <u>Tubing Detail</u>        | <u>Length</u> | <u>Depth</u> |
|---------|-----------------------------|---------------|--------------|
|         | KB - pmp tee                | 17.00         | 17.00        |
| 247 jts | 2-7/8" 6.5# J55 8rd EUE tbg | 7783.95       | 7800.95      |
|         | 2-7/8"x 5-1/2" TAC          | 2.80          | 7803.75      |
| 10 jts  | 2-7/8" tbg                  | 315.30        | 8119.05      |
| 1 jt    | 2-7/8" IPC tbg              | 31.75         | 8150.80      |
|         | 2-7/8" SN                   | 1.10          | 8151.90      |
|         | 2-7/8" Perf'd OPMA          | 15.85         | 8167.75      |

|     | <u>Rod Detail</u>                      | <u>Length</u> |
|-----|----------------------------------------|---------------|
|     | 1-1/2" Polished Rod w/ 1-3/4"x 14' PRL | 26.00         |
| 3   | 1.2" FG Pony Rods (3'x6'x9')           | 18.00         |
| 104 | 1.2" FG Rods w/ 1" SH T-Cplgs          | 3900.00       |
| 81  | 1" Gr D Rods w/ SH T-Cplgs             | 2025.00       |
| 77  | 7/8" Gr D Rods w/ FH T-Cplgs           | 1925.00       |
| 7   | 1-1/2" K-Bars w/ 7/8" FH T-Cplgs       | 175.00        |
|     | 21K Shear Tool                         | 0.50          |
| 1   | 1-1/2" K-Bar w/ 7/8" FH T-Cplgs        | 25.00         |
|     | 1x 3/4" Lift Sub w/ 3/4" FH T-Cplgs    | 1.00          |
|     | 2-1/2"x 1-1/4"x 30' RHBC HVR pump      | 30.00         |
|     | 1-1/4" GA                              | 6.00          |

### Drinkard Perfs

|                                                      |                     |
|------------------------------------------------------|---------------------|
| 7874,75,76,77,78,85,86,87,88,89                      | (2 jspf / 54 holes) |
| 7922,23,28,29,40,41,44,51,59,60,66,67,70,71,72,73,74 |                     |
| 8043,44,48,49,50,51,56,92,93,94,95,96                |                     |
| 8112,13,17,18,19                                     | (2 jspf / 34 holes) |

G.Mendenhall  
11/11/2013

# EM 2 STATE #1

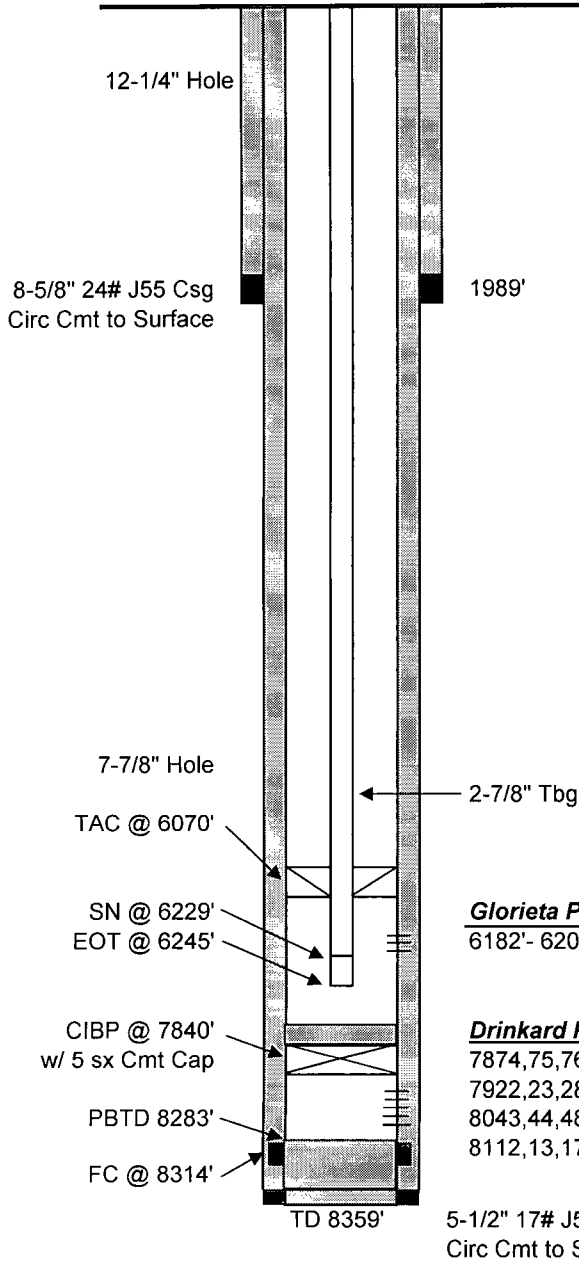
## Proposed Wellbore Schematic

Dr'd 11/2005

KB: 3858'

GL: 3837'

Z: 21' AGL



|         | <u>Tubing Detail</u>        | <u>Length</u> | <u>Depth</u> |
|---------|-----------------------------|---------------|--------------|
|         | KB - pmp tee                | 17.00         | 17.00        |
| 192 jts | 2-7/8" 6.5# J55 8rd EUE tbg | 6050.68       | 6067.68      |
|         | 2-7/8"x 5-1/2" TAC          | 2.80          | 6070.48      |
| 4 jts   | 2-7/8" tbg                  | 126.12        | 6196.60      |
| 1 jt    | 2-7/8" IPC tbg              | 31.75         | 6228.35      |
|         | 2-7/8" SN                   | 1.10          | 6229.45      |
|         | 2-7/8" Perf'd OPMA          | 15.85         | 6245.30      |

|    | <u>Rod Detail</u>                      | <u>Length</u> |
|----|----------------------------------------|---------------|
|    | 1-1/2" Polished Rod w/ 1-3/4"x 14' PRL | 26.00         |
|    | 1.2" FG Pony Rods (as necessary)       | -             |
| 79 | 1.2" FG Rods w/ 1" SH T-Cplgs          | 2962.50       |
| 62 | 1" Gr D Rods w/ SH T-Cplgs             | 1550.00       |
| 58 | 7/8" Gr D Rods w/ FH T-Cplgs           | 1450.00       |
| 7  | 1-1/2" K-Bars w/ 7/8" FH T-Cplgs       | 175.00        |
|    | 21K Shear Tool                         | 0.50          |
| 1  | 1-1/2" K-Bar w/ 7/8" FH T-Cplgs        | 25.00         |
|    | 1x 3/4" Lift Sub w/ 3/4" FH T-Cplgs    | 1.00          |
|    | 2-1/2"x 1-1/4"x 30' RHBC HVR pump      | 30.00         |
|    | 1-1/4" GA                              | 10.00         |

### Glorieta Perfs

6182'- 6200' (1 spf / 19 holes)

### Drinkard Perfs

7874,75,76,77,78,85,86,87,88,89 (2 jspf / 54 holes)

7922,23,28,29,40,41,44,51,59,60,66,67,70,71,72,73,74

8043,44,48,49,50,51,56,92,93,94,95,96

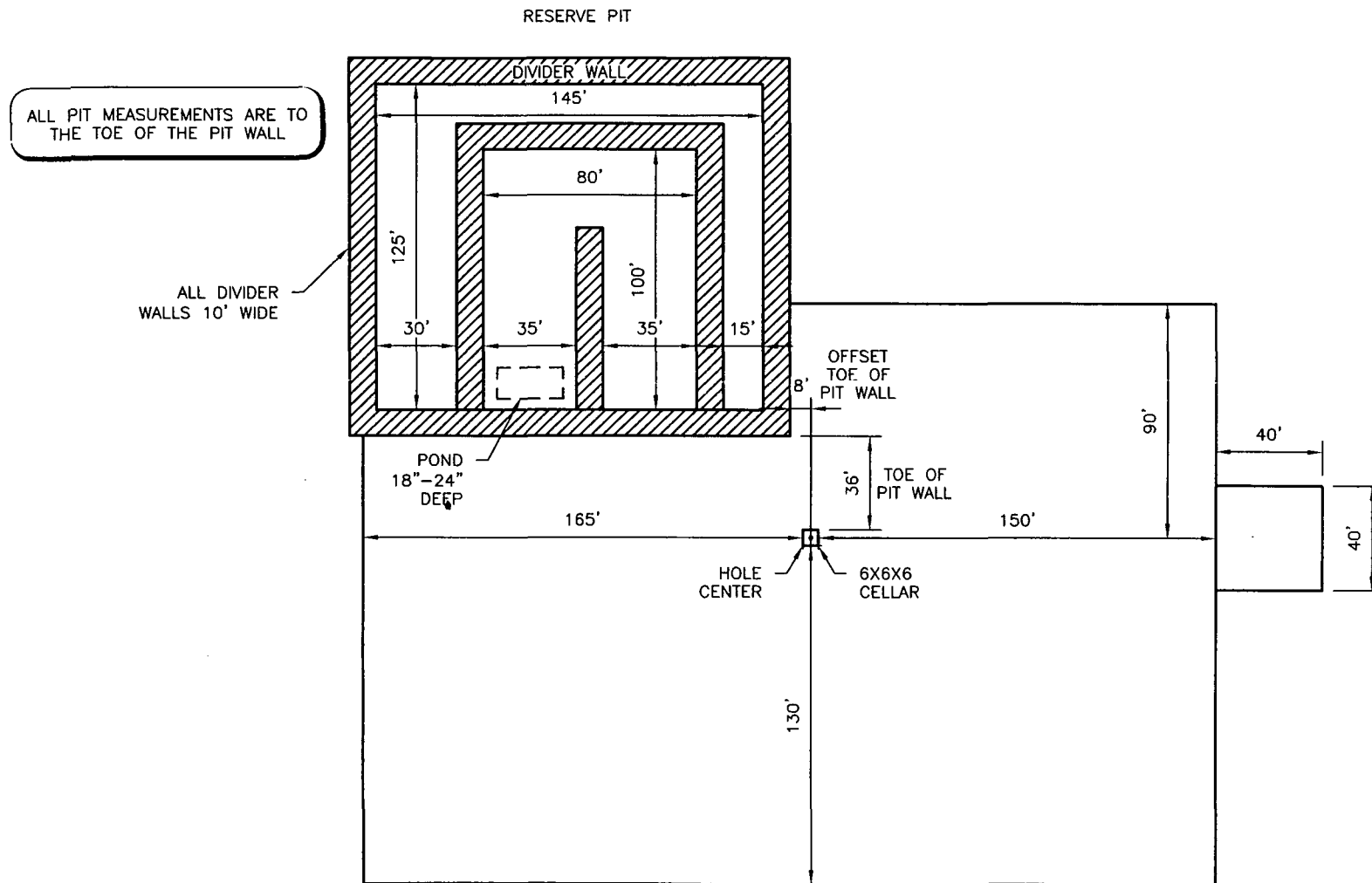
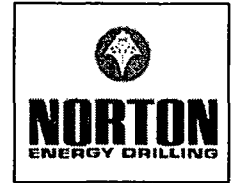
8112,13,17,18,19

(2 jspf / 34 holes)

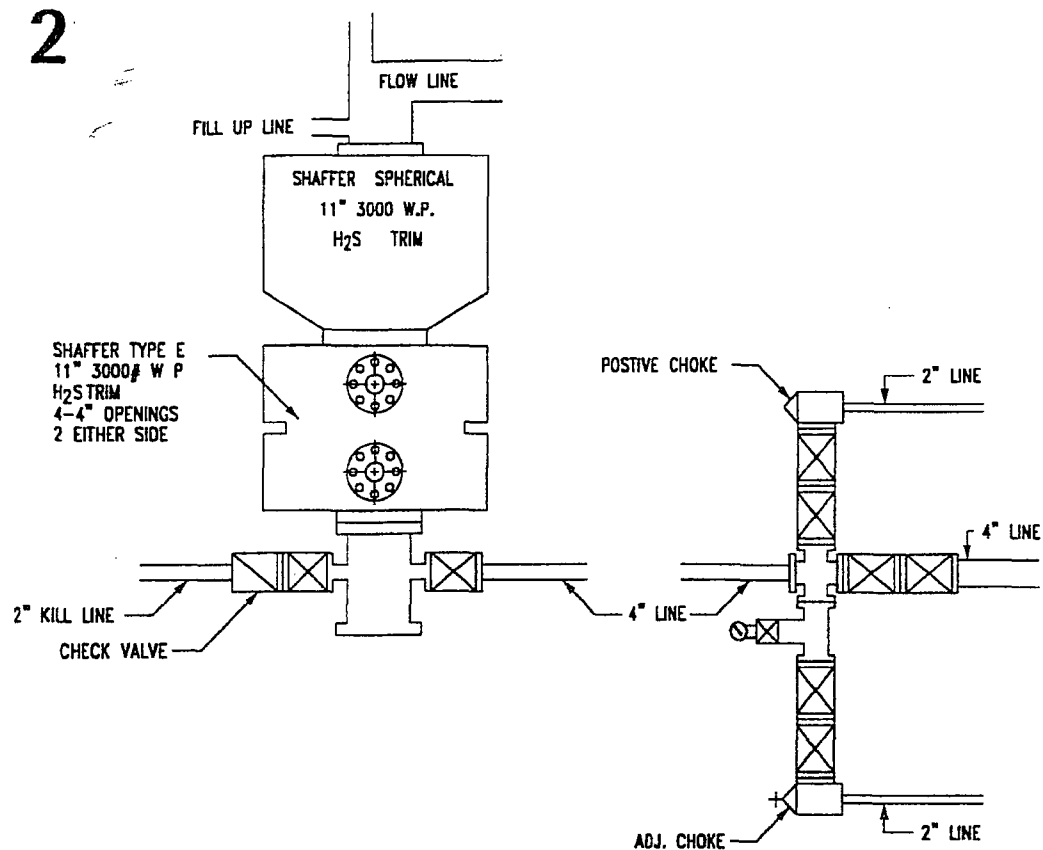
G.Mendenhall  
11/14/2013



## RIG #2 LOCATION PLAT



# RIG 2



# CLOSED-LOOP SYSTEM DESIGN AND CONSTRUCTION

