

## District I

1625 N French Dr, Hobbs, NM 88240

## District II

1301 W Grand Avenue, Artesia, NM 88210

## District III

1000 Rio Brazos Road, Aztec, NM 87410

## District IV

1220 S St Francis Dr, Santa Fe, NM 87505

## State of New Mexico

Energy Minerals and Natural Resources

Form C-101

June 16, 2008

RECEIVED

OCT 23 2009

HOBBSDO

## Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORTAPPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,  
PLUGBACK, OR ADD A ZONE

|   |  |   |
|---|--|---|
| <sup>1</sup> Operator Name and Address<br>CHEVRON U.S.A. INC<br>15 SMITH ROAD<br>MIDLAND, TEXAS 79705 |  | <sup>2</sup> OGRID Number<br>4323         |
|   |  | <sup>3</sup> API Number<br>30 - 025-25001 |
| <sup>3</sup> Property Code<br>2685  | <sup>5</sup> Property Name<br>H T MATERN NCT-D |   |
| <sup>9</sup> Proposed Pool 1<br>BLINEBRY OIL & GAS  |  | <sup>6</sup> Well No<br>10                |
| <sup>10</sup> Proposed Pool 2   |  |   |

<sup>7</sup> Surface Location

|                   |              |                  |               |         |                      |                           |                       |                        |               |
|-------------------|--------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no<br>C | Section<br>6 | Township<br>22-S | Range<br>37-E | Lot Idn | Feet from the<br>660 | North/South line<br>NORTH | Feet from the<br>1650 | East/West line<br>WEST | County<br>LEA |
|-------------------|--------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

|              |         |          |       |         |               |                  |               |                |        |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

## Additional Well Information

|                              |                                   |                                     |                                    |  |
|------------------------------|-----------------------------------|-------------------------------------|------------------------------------|--|
| Work Type Code<br>P          | <sup>12</sup> Well Type Code<br>O | <sup>13</sup> Cable/Rotary          | <sup>14</sup> Lease Type Code<br>P | <sup>15</sup> Ground Level Elevation<br>3464' GL |
| <sup>16</sup> Multiple<br>NO | <sup>17</sup> Proposed Depth      | <sup>18</sup> Formation<br>BLINEBRY | <sup>19</sup> Contractor           | <sup>20</sup> Spud Date                          |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| NO CHANGE |             |                    |               |                 |               |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

CHEVRON U.S.A. INC INTENDS TO RECOMPLETE THE SUBJECT WELL INTO THE BLINEBRY POOL

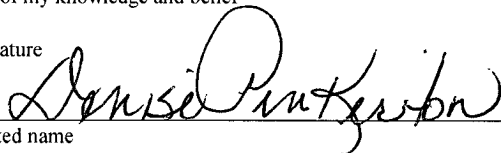
THE INTENDED PROCEDURE AND CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL

ALSO ATTACHED, IS THE PIT INFO &amp; C-102 PLAT

**Permit Expires 2 Years From Approval  
Date Unless Drilling Underway  
Plugback**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature


Printed name  
DENISE PINKERTONTitle.  
REGULATORY SPECIALISTE-mail Address.  
leakejd@chevron.comDate  
10-21-2009Phone.  
432-687-7375

## OIL CONSERVATION DIVISION

Approved by:


Title.  
PETROLEUM ENGINEERApproval Date  
NOV 09 2009

Expiration Date

Conditions of Approval Attached ☐

Mattern D # 10

Blinebry Oil & Gas

T22S, R37E, Section 6

Job: Plugback to Blinebry Formation PPI Acidize And Frac Stimulate

**Procedure:**

1. *This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of 9/29/2009. Verify what is in the hole with the well file in the Eunice Field office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.*
2. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All poly pipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report.
3. MI & RU workover unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH LD rods and pump. Remove WH. Install BOP's and test as required.
4. POH LD 2 3/8" tbg string.
5. PU and GIH w/ 4 3/4" MT bit and Class "A" 2 7/8" tbg sting to 6200'. POH with tbg string and 4 3/4" bit. LD bit. PU and GIH w/ tbg-set 5 1/2" CIBP on 2 7/8" tbg string to 6140'. Set CIBP at 6140'. Pressure test csg and CIBP to 1000 psi using 8.6 PPG cut brine water. POH with 2 7/8" tbg string and setting tool. LD setting tool.
6. MI & RU Gray WL electric line unit. Install lubricator and test to 2000 psi. GIH and conduct GR/CBL from 6140' up to 100' above top of cement. Run log with 500 psi on casing. POH. Inspect logs for good cement bond from approximately 5900' up to 5100'. If bond does not appear to be good across proposed completion interval, discuss with Engineering before proceeding. GIH with 3 3/8" RHSC Gunslinger casing guns (0.42" EH & 47" penetration) and perforate from 5464-74', 5490-5500', 5526-36', 5541-51', 5568-78', 5581-91', 5612-20', 5626-34', 5640-50', 5660-70', and 5717-27' with 4 JSPF at 120 degree phasing, using 25 gram premium charges. POH. RD & release electric line unit. **Note:** Use **gamma – collar perforation record dated 5/15/75 for depth correction.**
7. PU and GIH w/ 5 1/2" PPI pkr (with 12' element spacing) and SCV on 2 7/8" tbg string to approximately 5730'. Test tbg to 5500 psi while GIH.

8. MI & RU Schlumberger Services. Acidize perfs 5464-5727' with 4,950 gals anti-sludge 15% NEFE HCl acid \* at a maximum rate of 1/2 BPM and a maximum surface pressure of 4500 psi. Pump job as follows:

| Perfs        | Acid Volume | Rate (BPM) | PPI Settings |
|--------------|-------------|------------|--------------|
| 5464-5474    | 450         | 1/2        | 5463-5475    |
| 5490-5500    | 450         | 1/2        | 5489-5501    |
| 5526-5536    | 450         | 1/2        | 5525-5537    |
| 5541-5551    | 450         | 1/2        | 5540-5552    |
| 5568-5578    | 450         | 1/2        | 5567-5579    |
| 5581-5591    | 450         | 1/2        | 5580-5592    |
| 5612-5620    | 450         | 1/2        | 5610-5622    |
| 5626-5634    | 450         | 1/2        | 5624-5636    |
| 5640-5650    | 450         | 1/2        | 5639-5651    |
| 5660-5670    | 450         | 1/2        | 5659-5671    |
| 5717-5727    | 450         | 1/2        | 5716-5728    |
| <b>Total</b> | <b>4950</b> |            |              |

Displace acid with 8.6 PPG cut brine water -- do not overdisplace. Use a SCV to control displacement fluid. Record ISIP, 5 & 10 minute SIP's. RD and release DS services. **Note:** Pickle tubing in 1 run of 500 gals acid, prior to acidizing perfs. Pickle acid is to contain only 1/2 gal A264 and 1 gal W53. Also, if communication occurs during treatment of any interval, monitor casing pressure and attempt to complete stage w/o exceeding 1000 psi csg pressure. If cannot, then move PPI to next setting depth and combine treatment volumes of the intervals.

|                              |            |                     |
|------------------------------|------------|---------------------|
| * Acid system is to contain: | 1 GPT A264 | Corrosion Inhibitor |
|                              | 8 GPT L63  | Iron Control Agent  |
|                              | 2 PPT A179 | Iron Control Aid    |
|                              | 20 GPT U66 | Mutual Solvent      |
|                              | 2 GPT W53  | Non-Emulsifier      |

9. Release PPI pkr and PUH to approximately 5400'. Set pkr at 5400'. Fish SCV. Swab back all intervals together. Recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered fluid volumes, pressures, and/or swabbing fluid levels. **Note:** Selectively swab perfs as directed by Engineering if excessive water is produced.
10. Open well. Release PPI pkr. GIH to 5780'. Set PPI pkr at 5780'. Pressure test casing from 5780' – 6140' to 2000 psi. Release PPI pkr. POH with tbg and PPI packer. LD PPI tool. Change rams to 3 1/2". RIH and retrieve RBP.
11. PU and GIH w/ 5 1/2" Arrow-Set 10K pkr & On-Off tool w/ 2.25" "F" profile and 161 jts. of 3 1/2" EUE 8R L-80 work string, testing to 8500 psi. Set pkr at approximately 5000'. Install frac head. Pressure annulus to 500 psi to test csg and pkr. Leave pressure on csg during frac job to observe for communication.

12. MI & RU Schlumberger Services and Tracer-Tech Services (Mike Mathis (866) 595-3115). Frac well down 3 ½" tubing at **40 BPM** with 88,000 gals of YF125, 176,000 lbs. 16/30 mesh Jordan Sand, and 30,000 lbs **resin-coated** 16/30 mesh CR1630 proppant. Observe a maximum surface treating pressure of **8000 psi**. Tag frac with 2 radioactive isotopes (1 in regular sand stages, and 1 in resin-coated proppant stage). Pump job as follows:

Pump 2,000 gals 2% KCL wtr containing 55 gals Baker RE 4777-SCW Scale Inhibitor at **6 BPM**  
Pump 1,000 gals 2% KCL water spacer at **20 BPM**  
Pump 14,000 gals YF125 pad containing 5 GPT J451 Fluid Loss Additive at **40 BPM**  
Pump 14,000 gals YF125 containing 0.5 PPG 16/30 mesh Jordan Sand & 5 GPT J451 FL Additive  
Pump 12,000 gals YF125 containing 1.5 PPG 16/30 mesh Jordan Sand  
Pump 12,000 gals YF125 containing 2.5 PPG 16/30 mesh Jordan Sand  
Pump 14,000 gals YF125 containing 3.5 PPG 16/30 mesh Jordan Sand  
Pump 16,000 gals YF125 containing 4.5 PPG 16/30 mesh Jordan Sand  
Pump 6,000 gals YF125 containing 5 PPG **resin-coated** 16/30 mesh CR1630 proppant.

Flush to 5380' with 2,207 gals WF125. **Do not overflush.** Shut well in. Record ISIP, 5, 10, and 15 minute SI tbg pressures. SWI. RD & Release DS Services. **Leave well SI overnight.**

13. Open well. Bleed pressure from well, if any. Release pkr. POH LD 3 ½" work string, on-off tool, and pkr. Change rams.
14. PU and GIH with 4 3/4" MT bit on 2 7/8" tbg string to approximately 5900'. If fill is tagged above 5900', cleanout to 5900' using 8.6 PPG cut brine water and air unit if necessary. POH with 2 7/8" tbg string and bit. LD bit.
15. PU & GIH with 5 1/2" pkr on 2 7/8" tbg string to 5400'. Set pkr at 5400'. Open well. GIH and swab well until there is no sand inflow. Swab well for at least 3 hours before logging. MI & RU Baker Atlas electric line unit. Install lubricator and test to 1000 psi. GIH and conduct after-frac PRISM GR/Temp/CCL log from 5900' up to 4200'. POH. RD & release electric line unit. **Note: Correlate logs and run flat with gamma – collar perforation record dated 5/15/75.**
16. Release pkr. POOH w/ 2 7/8" tbg string. LD pkr.
17. RIH w/ 2 7/8" production tbg, yellow band, and hang off per ALS recommendation. NDBOP. NUWH. RIH w/ rods and pump per ALS recommendation.
18. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

9/29/2009

Nami Southern (432-687-7373)

Well: H. T. Mattern (NCT-D) #10

Field: Drinkard

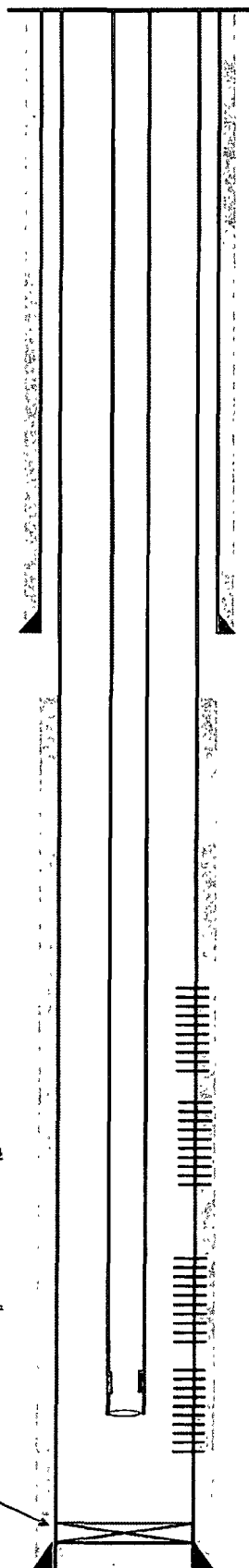
Reservoir: Drinkard/Tubb  
Drk/Tubb DHC-545

| Location:             |  |
|-----------------------|--|
| 660' FNL & 1650' FWL  |  |
| Section: 6            |  |
| Township: 22S         |  |
| Range: 37E Unit: C    |  |
| County: Lea State: NM |  |

| Elevations: |  |
|-------------|--|
| GL: 3464'   |  |
| KB:         |  |
| DF:         |  |

| Formations:  |       |
|--------------|-------|
| Base of Salt | 2488' |
| T/Yates      | 2658' |
| T/T/Rvrs     | 2906' |
| T/Queen      | 3398' |
| T/Grayburg   | 3672' |
| T/Glorieta   | 5110' |
| T/Blaine     | 5455' |
| Tubb         | 6136' |
| Drinkard     | 6454' |
| Abo          | 6714' |

### Current Wellbore Diagram



TOC @ 2400'

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Mattern Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eonia Field Office. Discuss w/ WFO Engineer, WFO Rep, OS, ALS & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

| Tbg Details |                  | Top           |
|-------------|------------------|---------------|
| # Jts       | Size             | Footage Depth |
|             | Original KB      | 14 0          |
| 201         | 2 3/8" JTS EUE   | 6191 14       |
| 1           | TAC              | 3 6205        |
| 15          | Jts tbg EUE 8-rd | 456 6207      |
| 1           | Seating Nipple   | 1 6664        |
| 1           | Perf Sub         | 2 6665        |
| 1           | Mud Jt           | 31 6667       |
| 220         | EOT              | 6698 6698     |

CIBP Pushed to 6763'

PBTD: 6756'  
TD: 6800'

By: Chay

## Well ID Info:

Chevno: EO4403  
API No. 30-025-25001  
Spud Date: 4/25/75  
Compl. Date: 5/19/75Surf. Csg: 8-5/8", 24#, K-55  
Set: @ 1199' w/400 sx cmt  
Size of hole: 11"  
Circ: Yes TOC: Surface  
TOC By: Circulated

## Initial Completion:

5-1/2" perfs w/4, 1/2" JHPF 8456'-58',  
6492'-94', 6540'-42', 6567'-69', 6600'-  
6602', 6632'-34', 6657'-59', 6698'-6700'  
Acidz w/ 5000 gals 15% NE  
Frac w/12,000 gals gel bnne  
& 30,000 gals cont 1 to 2# SPG

## Subsequent Workovers/Reconditionings/Repairs:

5-17-78 Acidz w/3000 gals 15% NE  
4-1978 Installed PPG Equip  
8-23-79 Scale Sqz  
11-18-80 Scale Sqz  
6-9-82 Scale Sqz  
7-28-82 TA Drk & recompl Tubb for future DHC  
Perfs Added: 6184'-6334'  
4-87 Scale Sqz  
1-89 Scale Sqz  
2-22-85 Rec'd Admin Approval, DHC-545, Tubb rDrk  
7-15-85 Knock CIBP to bottom & DHC Tubb /Drk  
Acidz w/1000 gals 15% NE, no new csg  
8/3/1994 Frac/Stim DRP perfs w/5 bbls 15% NE  
& trac w/61,900 gals 50Q Co2 & m 200 000 12/20 Sd

## Tubb Perfs

48 holes  
6184'-88'  
6216'-20'  
6250'-54'  
6274'-78'  
6308'-12'  
6330'-34'

## Open

w/2, 1/2" JHPF

## Drk Perfs

6456'-58'  
6492'-94'  
6540'-42'  
6567'-69'  
6600'-02'  
6632'-34'  
6657'-59'  
6698'-6700'

## Open

w/4, 1/2" JHPF

Prod. Csg: 5-1/2", 15.5#, K-55  
Set: @ 6799' w/650 sx cmt  
Size of hole: 7-7/8"  
Circ: No TOC: 2400'  
TOC By: TS

Well: **H. T. Mattern (NCT-D) #10**Field: **Blinebry**Reservoir: **Blinebry****Proposed  
Wellbore Diagram**

| Location:             |
|-----------------------|
| 660' FNL & 1650' FWL  |
| Section: 6            |
| Township: 22S         |
| Range: 37E Unit: C    |
| County: Lea State: NM |

| Elevations: |
|-------------|
| GL: 3464'   |
| KB: 3478'   |
| DF:         |

| Formations:  |       |
|--------------|-------|
| Base of Salt | 2488' |
| T/Yates      | 2658' |
| T/Rvrs       | 2906' |
| T/Queen      | 3398' |
| T/Grayburg   | 3672' |
| T/Gloneta    | 5110' |
| T/Blinebry   | 5455' |
| Tubb         | 6136' |
| Drinkard     | 6454' |
| Abo          | 6714' |

| Well ID Info:        |
|----------------------|
| Chevron: EO4403      |
| API No. 30-025-25001 |
| L5/L6: UCU467000     |
| Spud Date: 4/25/75   |
| Compl. Date: 5/19/75 |

**Surf. Csg:** 8-5/8", 24#, K-55  
**Set:** @ 1199' w/400 sx cmt  
**Size of hole:** 11"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

**Initial Completion:**

5-1/2" perms w/4, 1/2" JHPF 6456'-58'  
 6492'-94', 6540'-42', 6567'-69', 6600'-  
 6602', 6632'-34', 6657'-59', 6698'-6700'.  
 Acdz w/ 5000 gals 15% NE  
 Frac w/12,000 gals gel brine  
 & 30,000 gals cont 1 to 2# SPG

**Subsequent Workovers/Reconditionings/Repairs:**

5-17-78 Acdz w/3000 gals 15% NE  
 4-1978 installed PPG Equip  
 8/23/1979 11-18-80 / 6-9-82 Scale Sqz  
 7-28-82 TA Drk & recamp Tubb for future DHC  
 Perfs Added: 6184'-6334'  
 4-87 1-89 Scale Sqz  
 2-22-85 Rec'd Admin Approval, DHC-545, Tubb /Drk  
 7-15-85 Knock CIBP to bottom & DHC Tubb /Drk  
 Acdz w/1000 gals 15% NE, no new csg  
 8/3/1994 Frac/Stim DRP perms w/5 bbls 15% NE  
 & frac w/61,900 gals 50Q Co2 & m 200,000 12/20 So

TOC @ 2400'

5464'-74' Blinebry - Open  
 5490'-5500' Blinebry - Open  
 5526'-36' Blinebry - Open  
 5541'-51' Blinebry - Open  
 5568'-78' Blinebry - Open  
 5581'-91' Blinebry - Open  
 5612'-20' Blinebry - Open  
 5626'-34' Blinebry - Open  
 5640'-50' Blinebry - Open  
 5660'-70' Blinebry - Open  
 5717'-27' Blinebry - Open

**Tubb Perfs Open**

48 holes w/2, 1/2" JHPF  
 6184'-88' Tubb - Open  
 6216'-20' Tubb - Open  
 6250'-54' Tubb - Open  
 6274'-78' Tubb - Open  
 6308'-12' Tubb - Open  
 6330'-34' Tubb - Open

**Drk Perfs Open** w/4, 1/2" JHPF

6456'-58' Drinkard - Open  
 6492'-94' Drinkard - Open  
 6540'-42' Drinkard - Open  
 6567'-69' Drinkard - Open  
 6600'-02' Drinkard - Open  
 6632'-34' Drinkard - Open  
 6657'-59' Drinkard - Open  
 6698'-6700' Drinkard - Open

**Prod. Csg:** 5-1/2", 15.5#, K-55  
**Set:** @ 6799' w/650 sx cmt  
**Size of hole:** 7-7/8"  
**Circ:** No **TOC:** 2400'  
**TOC By:** TS

No cmt on top  
 CIBP @ 6140'

| Tbg Details |                       |         |           |  |
|-------------|-----------------------|---------|-----------|--|
| # its       | Size                  | Footage | Top Depth |  |
|             | Original KB           | 14      | 0         |  |
| 201         | 2 3/8" JTS EUE 8-RC   | 6191    | 14        |  |
| 1           | TAC                   | 3       | 6205      |  |
| 15          | Jts tbg EUE 8-rd J-55 | 456     | 6207      |  |
| 1           | Seating Nipple        | 1       | 6664      |  |
| 1           | Perf Sub              | 2       | 6665      |  |
| 1           | Mud Jt                | 31      | 6667      |  |
| 220         | EOT                   | 6698    | 6698      |  |

CIBP Pushed to 6763'

PBTD: 6140'  
 TD: 6800'

Updated By: nsou

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

1301 W. Grand Avenue, Artesia, NM 88210

## District III

1000 Rio Brazos Rd., Aztec, NM 87410

## District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |  |   |  |  |                                    |
|---|--|---|--|--|------------------------------------|
| <sup>1</sup> API Number<br>30-025-25001 |  | <sup>2</sup> Pool Code<br>6660                    |  | <sup>3</sup> Pool Name<br>BLINEBRY OIL & GAS |                                    |
| <sup>4</sup> Property Code<br>2685      |  | <sup>5</sup> Property Name<br>H.T. MATTERN NCT-D  |  |  | <sup>6</sup> Well Number<br>10     |
| <sup>7</sup> OGRID No.<br>4323          |  | <sup>8</sup> Operator Name<br>CHEVRON U.S.A. INC. |  |  | <sup>9</sup> Elevation<br>3464' GL |

<sup>10</sup> Surface Location

|                    |              |                  |               |         |                      |                           |                       |                        |               |
|--------------------|--------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>C | Section<br>6 | Township<br>22-S | Range<br>37-E | Lot Idn | Feet from the<br>660 | North/South line<br>NORTH | Feet from the<br>1650 | East/West line<br>WEST | County<br>LEA |
|--------------------|--------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

|               |         |          |       |         |               |                  |               |                |        |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

|                                     |                               |                                  |                         |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>40 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

|               |  |  |
|---------------|--|--|
| <sup>16</sup> | <sup>17</sup> <b>OPERATOR CERTIFICATION</b><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division<br><br>Signature _____ Date 10-21-2009<br>DENISE PINKERTON REGULATORY SPECIALIST<br>Printed Name _____ |  |
|               | <sup>18</sup> <b>SURVEYOR CERTIFICATION</b><br>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief<br>Date of Survey _____<br>Signature and Seal of Professional Surveyor _____<br>Certificate Number _____   |  |
|               |  |  |
|               |  |  |