

**Jones, William V., EMNRD**

---

**From:** Jones, William V., EMNRD  
**Sent:** Thursday, August 28, 2008 12:01 PM  
**To:** 'Bryan Arrant'; 'christian.combs@chk.com'  
**Cc:** Ezeanyim, Richard, EMNRD  
**Subject:** SWD application: Minnie #1-6 in Lea County Sec 11 T16S R37E

Hello Christian and Bryan:

As you know, there are MANY protests to your proposed injection well.

Let me know when you have a Examiner hearing Case Number assigned? .... and I will put all my documents in this file.

This is your project and I don't have time to keep checking on its hearing status - so unless you let me know, this info will not get into the file.

As you know, the OCD will no longer consider this administrative application due to all the protests.

Regards,

William V. Jones PE  
New Mexico Oil Conservation Division  
1220 South St. Francis  
Santa Fe, NM 87505  
505-476-3448

8/28/2008

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

2008 JUL 25 PM 2 04  
 RECEIVED

Won PC but amended add Henry Land well

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]  
 [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD  
 Check One Only for [B] or [C]  
 [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM  
 [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR  
 [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply  
 [A]  Working, Royalty or Overriding Royalty Interest Owners  
 [B]  Offset Operators, Leaseholders or Surface Owner  
 [C]  Application is One Which Requires Published Legal Notice  
 [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

CAROLYN HAYNIE  
 Print or Type Name

*Carolyn Haynie*  
 Signature

PETROLEUM ENGINEER TA  
 Title

7-23-08  
 Date

chay@chevron.com  
 e-mail Address

**REQUEST FOR EXEMPTION TO RULE 303-A  
FOR WELLS LOCATED IN PRE-APPROVED POOLS OR AREAS**

**Operator**

Chevron MidContinent L.P.  
15 Smith Road  
Midland, TX 79705

**Lease Names and Well Numbers**

State DC Lease wells # 3 and # 4, and Harry Leonard J # 5  
State "DC" Battery, 1200' FWL & 1800' FNL,  
Section 19, T21S, R37E  
Lea County, New Mexico

**Division Order**

Pre-approved pools or areas established by Division Order No. R-11363.

**Pools To Be Commingled In State DC Commingled Battery**

(6660) Blinebry  
(19190) Drinkard  
(50350) Grayburg

**Perforated Intervals**

Blinebry; (5500' - 5990')  
Drinkard ( 6659' -6819')  
Grayburg (3728' - 4000')

**Product Characteristics And Value**

Previous commingling of these zones by Chevron and other operators in the area have shown that the produced fluids are compatible and commingling will not cause formation damage or producing problems. Also, the price received by Chevron for products from these zones is very similar, so value will not be adversely affected.

**Production Allocation**

| <u>Pool</u>   | <u>BOPD</u> | <u>BWPD</u> | <u>MCFPD</u> | <u>Remarks</u>  |
|---------------|-------------|-------------|--------------|---|
| Blinebry      | 9           | 172         | 121          | State DC # 3 - Well Test Report 7/10/06   |
| Drinkard      | 1           | 76          | 9            | State DC # - Well Test Report 7/10/07<br><b>Estimated production is based on Henderson # 17, for Harry Leonard J # 5. Harry Leonard J # 5 is not yet drilled.</b> |
| Grayburg      | 17          | 111         | 333          |   |
| <b>Totals</b> | <b>27</b>   | <b>359</b>  | <b>463</b>   |   |

| <u>Allocated %</u> | <u>Oil %</u>  | <u>Water %</u> | <u>Gas %</u>  | <u>Remarks</u>                            |
|--------------------|---------------|----------------|---------------|---|
| Blinebry           | 33.33         | 47.91          | 26.13         | Calculated using above production volumes |
| Drinkard           | 3.70          | 21.17          | 1.94          | Calculated using above production volumes |
| Grayburg           | 62.96         | 30.92          | 71.92         | Calculated using above production volumes |
| <b>Totals</b>      | <b>100.00</b> | <b>100.00</b>  | <b>100.00</b> |   |

**Ownership**

Ownership of all zones is identical so correlative rights will not be compromised.

**State / Federal Land Notification**

The well is on a State lease, and notification was sent July 23, 2008.



**Carolyn Haynie**  
Petroleum Engineering  
Technical Assistance

**Permian Business Unit**  
Chevron MidContinent, L.P.  
15 Smith Road  
Midland, TX 79705  
Tel 432-687-7261  
Fax 432-687-7558  
chay@chevron.com

July 23, 2008

New Mexico Oil Conservations Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87504

RE: Application to Pool Lease Commingle Production  
Oil and Gas Department

Chevron MidContinent, L.P. respectfully requests administrative approval to surface commingle oil and gas production from the Blinebry, Drinkard, and Penrose Skelly Grayburg formations. The State DC # 3, API # 30-025-34401, State DC # 4, API # 30-025-34510, and the Harry Leonard J #5, API # 30-025-38789, will be pool lease commingled in the existing State "DC" Battery, located in Section 19, 1200' FWL & 1800' FNL, T21S, R37E, Lea County, NM. The Harry Leonard J #5 will be a new development well producing in the Penrose Skelly Graybrug formation, located 1200' FNL & 990' FEL, Unit Letter A, Sec, 24, T21S, R37E, Lea County, NM. Currently the production for wells #3 and #4 are going into the State "DC" Battery. The Blinebry, Drinkard, and Grayburg formations were approved in the State "DC" Commingled Battery, PC-435, copy attached.

Chevron has a 100% working interest in these wells and formations and the royalty owner is the State of New Mexico. Enclosed is the letter of notification to the Commissioner of Public Lands, State of New Mexico, and well information needed for your determination of this project. The Henderson 17 oil analysis has been provided as an anticipated Penrose Skelly Grayburg for the Harry Leonard J #5 well, to be drilled upon administrative approval.

We will run a flowline from Harry Leonard J # 5 to the State DC battery connecting to a dedicated 3-phase separator with meters for oil, and gas, in accordance with applicable provisions of the NMOCD's "Manual for the installation and Operation of Commingling Facilities.

For your convenience, I have enclosed an envelope with my return address, so the decision for this application can be sent directly to me. If you require additional information, please contact me by telephone at 432-687-7261, or by email at [chay@chevron.com](mailto:chay@chevron.com).

Sincerely,

Carolyn Haynie  
NM PE Technical Assistant  
Enclosure

cc: NMOCD – District 1; Hobbs  
Lease File  
Mike Howell  
Danny Lovell  
Denise Pinkerton

NEW MEXICO OIL CONSERVATION COMMISSION  
POST OFFICE BOX 2088  
SANTA FE, NEW MEXICO 87501

1972 MAR -6 PM 11:05  
COMMINGLING ORDER PC-435

Company Amerada Hess Corporation  
Address Drawer 817  
City, State, Zip Seminole, Texas 79360  
Attention: Mr. G. F. Dewhurst  
Lease Name: State "DC" Lease  
Description: S/2 NW/4, Sec. 19, T-21-S, R-37-E, Lea County, New Mexico

The above-named company is hereby authorized to commingle production from the following pools

Blinebry Gas Pool and Drinkard, Paddock, and Penrose Skelly Oil Pools

in a common tank battery, and to determine the production from each pool by

         separately metering the production from each pool prior to commingling

         separately metering the production from

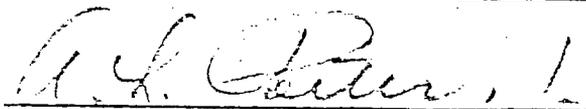
and determining the production by the subtraction method

well tests (if this method is to be authorized, all commingled production must be of marginal nature; further, the operator shall notify the Santa Fe Office of the Commission in the event any well producing into the commingled battery becomes capable of top allowable production, at which time the Commission will amend this order or take such other action as may be appropriate)

Note: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Commission Rules and Regulations and the Commission "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

REMARKS:

DONE at Santa Fe, New Mexico, on this 6th day of March 19 72

  
A. L. PORTER, Jr., Secretary-Director



ATTACHMENT 3

Xerox copies mailed 3-11-72  
P.A. Lyons (Texas-New Mexico Pipeline) Midland  
V.C. Willis (Atlantic Richfield) Midland  
B.R. Sessions - Galena Park  
A.J. Troop - Monument

CHEN ROU U.S.A INC. (4323)

| State DC Commingled Battery            |              |                       |                     |   |        |             |     |                       |         |     |     |
|--|--------------|-----------------------|---------------------|---|--------|-------------|-----|-----------------------|---------|-----|-----|
| Section 19, T21S, R37E, Lea County, NM |              |                       |                     |   |        |             |     |                       |         |     |     |
| Well                                   | API          | Status                | Lease               | Pool                                    | Pool # | Unit Letter | Sec | Location              | Twtnshp | Rng | Co  |
| State DC # 3                           | 30-025-34401 | PR                    | State DC            | Blinebry <sup>2600</sup> <sub>oil</sub> | 6660   | F           | 19  | 1866' FNL & 2195' FWL | 21S     | 37E | Lea |
| State DC # 4                           | 30-025-34510 | PR                    | State DC            | DRK <sub>oil</sub>                      | 19190  | E           | 19  | 1880' FNL & 660' FWL  | "       | "   | "   |
| NCT<br>Harry Leonard U # 5             | 30-025-38789 | New Drill to Be added | Harry Leonard NTC J | Penrose Skelly, Grayburg <sub>oil</sub> | 50350  | A           | 24  | 1200 FNL & 990' FEL   | 21S     | 36E | Lea |



## Martin Water Laboratories, Inc.

*Analysts & Consultants since 1953*  
Bacterial & Chemical Analysis

TO: Mr. Mike Howell  
15 Smith Road  
Midland, TX 79709

Laboratory No. O708-175  
Sample Received 7-16-08  
Results Reported 7-21-08

COMPANY: Chevron  
COUNTY: Lea, NM  
FIELD:  
LEASE: As listed

SUBJECT: To make the determinations listed below on submitted oil samples taken 7-14-08.

| DETERMINATIONS      | State DC<br>(Blinbry / Drinkard)<br><u>RESULTS</u> | Henderson #17<br>(Grayburg)<br><u>RESULTS</u> |
|---------------------|--|---|
| Gravity, °API       | 37.6   | 34.8  |
| Sulfur, % by weight | 0.9470   | 1.4251  |

Remarks: The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

Greg Ogden, B.S.

| Proposed Surface Commingling Order                         |                     |             |             |   |
|--|---------------------|-------------|-------------|---|
| State DC Commingled Battery                                |                     |             |             |   |
| 1200' FWL & 1800' FNL                                      |                     |             |             |   |
| Sec. 19, T21S, R37E  |                     |             |             |   |
| Lea County, New Mexico                                     |                     |             |             |   |
|  |                     |             |             |   |
|  |                     |             |             |   |
|  |                     |             |             |   |
| State DC Commingled Battery (Current Status)               |                     |             |             |   |
| Pool   | BOPD                | API Gravity | Remarks     |   |
| Blinebry   | 12.0                | 37.6        |             |   |
| Drinkard   | 1.0                 | 37.6        |             |   |
| <b>Totals</b>  | <b>13.0</b>         |             |             |   |
|  |                     |             |             |   |
|  |                     |             |             |   |
|  |                     |             |             |   |
| State "DC Pool Lease Commingled Battery (pending approval) |                     |             |             |   |
| Pool   | Well                | BOPD        | API Gravity | Remarks                                 |
| Blinebry   | State DC # 3        | 12.0        | 37.60       |   |
| Drinkard   | State DC # 4        | 1.0         | 37.60       |   |
| Grayburg   | Harry Leonard J # 5 | 5.0         | 34.80       | Newly Drilled well-estimated production |
| <b>Totals</b>  |                     | <b>18.0</b> |             |   |

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 1301 W. Grand Ave., 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 and Natural Resources

Form C-103  
 June 19, 2008

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

|   |  |   |
|---|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) |  | WELL API NO.<br>30-025--34401   |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>  |  | 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 2. Name of Operator<br>CHEVRON MIDCONTINENT, L.P.   |  | 6. State Oil & Gas Lease No.  |
| 3. Address of Operator<br>15 SMITH ROAD, MIDLAND, TEXAS 79705   |  | 7. Lease Name or Unit Agreement Name<br><br>STATE DC  |
| 4. Well Location<br>Unit Letter F: 1866 feet from the NORTH line and 2195 feet from the WEST line<br>Section 19 Township 21-S Range 37-E NMPM County LEA  |  | 8. Well Number 3  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3511' GL  |  | 9. OGRID Number<br>241333   |
|   |  | 10. Pool name or Wildcat<br>BLINEBRY OIL & GAS (OIL)  |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

|  |   |  |  |
|--|---|--|--|
| <b>NOTICE OF INTENTION TO:</b>                 |   | <b>SUBSEQUENT REPORT OF:</b>                     |  |
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input type="checkbox"/>       |  |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    |   |  |  |
| OTHER: <input type="checkbox"/>                |   | OTHER: BLINEBRY RECOMPLETION                     |  |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. \*\*\*\*\*PREVIOUS OPERATOR FAILED TO TURN IN COMPLETION PAPERS FOR THE BLINEBRY RECOMPLETION \*\*\*\*\* (APPROVED INTENT IS ATTACHED)

9-09-05: MIRU. 9-2-05: TIH W/2 3/8" TBG. TAG BTM @ 6800. 9-13-05: SET PKR @ 6510. ACIDIZE DRINKARD PERFS 6613-6571 W/3000 GALS 15% NEFE HCL. 9-14-05: SWAB. 9-16-05: UNSET PKR @ 6510. SET RBP @ 6498. 9-19-05: PERF BLINEBRY @ 5500,01,12,22,33,43,51,62,72,82,98,5611,20,38,48,71,83,94,5708,16,42,50,64,5817,40,56,70,84,5904,24,42,60,5990. SPOT 300 GALS 15% GEL ACID. SET PKR @ 5385. ACIDIZE PERFS W/9700 GALS 15% HCL. 9-20-05: SWAB. 9-28-05: UNSET PKR @ 5385. TIH W/2 3/8" TBG. FISH RBP @ 6498. SET RBP @ 6495. PULL PKR TO 6446 & SET. UNSET PKR. 9-29-05: PU PUMP & RODS. 10-03-05: FRAC BLINEBRY PERFS 5500-5990 W/75,500 GALS DELTA FRAC. 10-4-05: SWAB. 10-07-05: TIH W/TBG TO 6131. EOT @ 6110. MSN @ 6079. SET TAC @ 5385. 10-08-05: PU PUMP & RODS. WELL PMPG @ 3:00 PM. 10-10-05: TURN GAS DN SALES LINE. 10-12-05: TURN WELL THRU PROD EQPT. RIG DOWN. FINAL REPORT.

03-01-06: ON 24 HR OPT. PUMPING 5 OIL, 112 GAS, & 102 WATER. GOR-22400

Spud Date: 09-09-05 Rig Release Date: 10-12-05

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Denise Pinkerton TITLE REGULATORY SPECIALIST DATE 07-22-2008

Type or print name DENISE PINKERTON E-mail address: [leakeid@chevron.com](mailto:leakeid@chevron.com) Phone: 432-687-7375

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

## WELL TEST REPORT

*Blinney*  
~~DRINKARD~~

*Blinney*  
~~DRINKARD~~

Lease: **STATE DC #3**

Field: ~~DRINKARD~~

Reservoir: ~~DRINKARD~~

Well: **3**

Field Code: ~~U41~~ **U46**

Resv Code: **000005817**

Unique Code: **BCU418600**

Battery: **STATE DC**

Wellbore: 359485

API No: **300253440100**

| Test Date | BOPD | BWPD | MCFPD | Tbg PSI | GOR          | % Oil       | Comp No. | Status | Remarks | Fluid Level | Fld Lvl Date | BTFPD | % Runtime |
|-----------|------|------|-------|---------|--------------|-------------|----------|--------|---------|-------------|--------------|-------|-----------|
|           | 0    | 0    | 0     |         |              |             | 01       | PR     |         | 5727        | 6/25/06      |       | 100.0     |
| 7/14/08   | 9    | 172  | 121   |         | <b>14000</b> | <b>4.8</b>  | 01       | PR     |         | 5727        | 7/5/07       | 180   | 42.0      |
| 5/6/08    | 12   | 144  | 122   |         | <b>10167</b> | <b>7.7</b>  | 01       | PR     |         | 5727        | 7/5/07       | 156   | 42.0      |
| 5/5/08    | 11   | 140  | 122   |         | <b>11091</b> | <b>7.3</b>  | 01       | PR     |         | 5727        | 7/5/07       | 151   | 42.0      |
| 5/4/08    | 9    | 136  | 122   |         | <b>13556</b> | <b>6.2</b>  | 01       | PR     |         | 5727        | 7/5/07       | 145   | 42.0      |
| 4/6/08    | 13   | 48   | 116   |         | <b>8923</b>  | <b>21.3</b> | 01       | PR     |         | 5727        | 7/5/07       | 61    | 42.0      |
| 3/8/08    | 14   | 47   | 123   |         | <b>9074</b>  | <b>22.4</b> | 01       | PR     |         | 5727        | 7/5/07       | 61    | 42.0      |
| 12/11/07  | 12   | 128  | 121   |         | <b>10083</b> | <b>8.6</b>  | 01       | PR     |         | 5727        | 7/5/07       | 140   | 42.0      |
| 11/10/07  | 13   | 130  | 128   |         | <b>9846</b>  | <b>9.1</b>  | 01       | PR     |         | 5727        | 7/5/07       | 143   | 42.0      |
| 9/2/07    | 14   | 52   | 140   |         | <b>10000</b> | <b>21.2</b> | 01       | PR     |         | 5727        | 7/5/07       | 66    | 42.0      |
| 8/3/07    | 14   | 53   | 147   |         | <b>10500</b> | <b>20.9</b> | 01       | PR     |         | 5727        | 7/5/07       | 67    | 46.0      |
| 7/5/07    | 14   | 58   | 150   |         | <b>10714</b> | <b>19.4</b> | 01       | PR     |         | 5727        | 7/5/07       | 72    | 44.0      |
| 6/24/07   | 14   | 54   | 153   |         | <b>10929</b> | <b>20.6</b> | 01       | PR     |         | 5727        | 6/25/06      | 68    | 100.0     |
| 6/12/07   | 16   | 41   | 156   |         | <b>9750</b>  | <b>28.1</b> | 01       | PR     |         | 5727        | 6/25/06      | 57    | 100.0     |
| 12/15/06  | 18   | 51   | 178   |         | <b>9889</b>  | <b>26.1</b> | 01       | PR     |         | 5727        | 6/25/06      | 69    | 100.0     |
| 12/9/06   | 18   | 52   | 160   |         | <b>8889</b>  | <b>25.7</b> | 01       | PR     |         | 5727        | 6/25/06      | 70    | 100.0     |
| 10/5/06   | 17   | 54   | 180   |         | <b>10588</b> | <b>23.9</b> | 01       | PR     |         | 5727        | 6/25/06      | 71    | 100.0     |
| 7/5/06    | 22   | 118  | 219   |         | <b>9955</b>  | <b>15.7</b> | 01       | PR     |         | 5727        | 6/25/06      | 140   | 100.0     |
| 4/22/06   | 28   | 115  | 221   |         | <b>7893</b>  | <b>19.6</b> | 01       | PR     |         |             |              | 143   |           |

**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 & 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>30-025-34401 |  | <sup>2</sup> Pool Code<br>6660                           |  | <sup>3</sup> Pool Name<br>BLINEBRY |                                     |
| <sup>4</sup> Property Code<br>26764     |  | <sup>5</sup> Property Name<br>STATE "DC"                 |  |                                    | <sup>6</sup> Well Number<br>3       |
| <sup>7</sup> OGRID No.<br>241333        |  | <sup>8</sup> Operator Name<br>CHEVRON MIDCONTINENT, L.P. |  |                                    | <sup>9</sup> Elevation<br>3511' Gr. |

<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| F             | 19      | 21S      | 37E   |         | 1866          | NORTH            | 2195          | WEST           | 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>2</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.

|  |  |  |  |
|--|--|--|--|
|  | <b><sup>17</sup> OPERATOR CERTIFICATION</b>  |  |  |
|  | <i>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.</i> |  |  |
|  |  |  |  |
|  | Signature _____ Date _____<br><b>Carolyn Haynie</b><br>Printed Name<br><b>Petroleum Engineering Technical Assistant</b>  |  |  |
| <b><sup>18</sup> SURVEYOR CERTIFICATION</b>  |  |  |  |
| <i>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.</i> |  |  |  |
| Date of Survey _____   |  |  |  |
| Signature and Seal of Professional Surveyor: _____   |  |  |  |
| Certificate Number _____   |  |  |  |



**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 & 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>30-025-34510 |  | <sup>2</sup> Pool Code<br>19190                          |  | <sup>3</sup> Pool Name<br>DRINKARD |                                     |
| <sup>4</sup> Property Code<br>22202     |  | <sup>5</sup> Property Name<br>STATE "DC"                 |  |                                    | <sup>6</sup> Well Number<br>4       |
| <sup>7</sup> OGRID No.<br>241333        |  | <sup>8</sup> Operator Name<br>CHEVRON MIDCONTINENT, L.P. |  |                                    | <sup>9</sup> Elevation<br>3520' Gr. |

<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| E             | 19      | 21S      | 37E   |         | 1880          | NORTH            | 660           | WEST           | 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>2</sup> Dedicated Acres<br>36.85 | <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.

|   |   |  |                       |
|---|---|--|-----------------------|
|   | <b><sup>17</sup> OPERATOR CERTIFICATION</b>   |  |                       |
|   | <p><i>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.</i></p> |  |                       |
|   | <p><i>Carolyn Haynie</i> 7-29-08</p>  |  | <p>Signature Date</p> |
|   | <p><b>Carolyn Haynie</b><br/>Printed Name<br/><b>Petroleum Engineering Technical Assistant</b><br/>Title</p>  |  |                       |
| <b><sup>18</sup> SURVEYOR CERTIFICATION</b>   |   |  |                       |
| <p><i>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.</i></p> |   |  |                       |
| <p>Date of Survey</p>   |   |  |                       |
| <p>Signature and Seal of Professional Surveyor:</p>   |   |  |                       |
| <p>Certificate Number</p>   |   |  |                       |

DISTRICT I  
1625 N. FRENCH DR., ROBBS, NM 86240

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 86210

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 and Natural Resources Department

**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

|                            |                                   |                                     |
|----------------------------|-----------------------------------|-------------------------------------|
| API Number<br>30-025-38789 | Pool Code<br>50350                | Pool Name<br>Pernose Kelly Grayburg |
| Property Code              | Property Name<br>HARRY LEONARD J  | Well Number<br>5                    |
| OGRID No.<br>4323          | Operator Name<br>CHEVRON USA INC. | Elevation<br>3528'                  |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A             | 24      | 21-S     | 36-E  |         | 1200          | NORTH            | 990           | EAST           | LEA    |

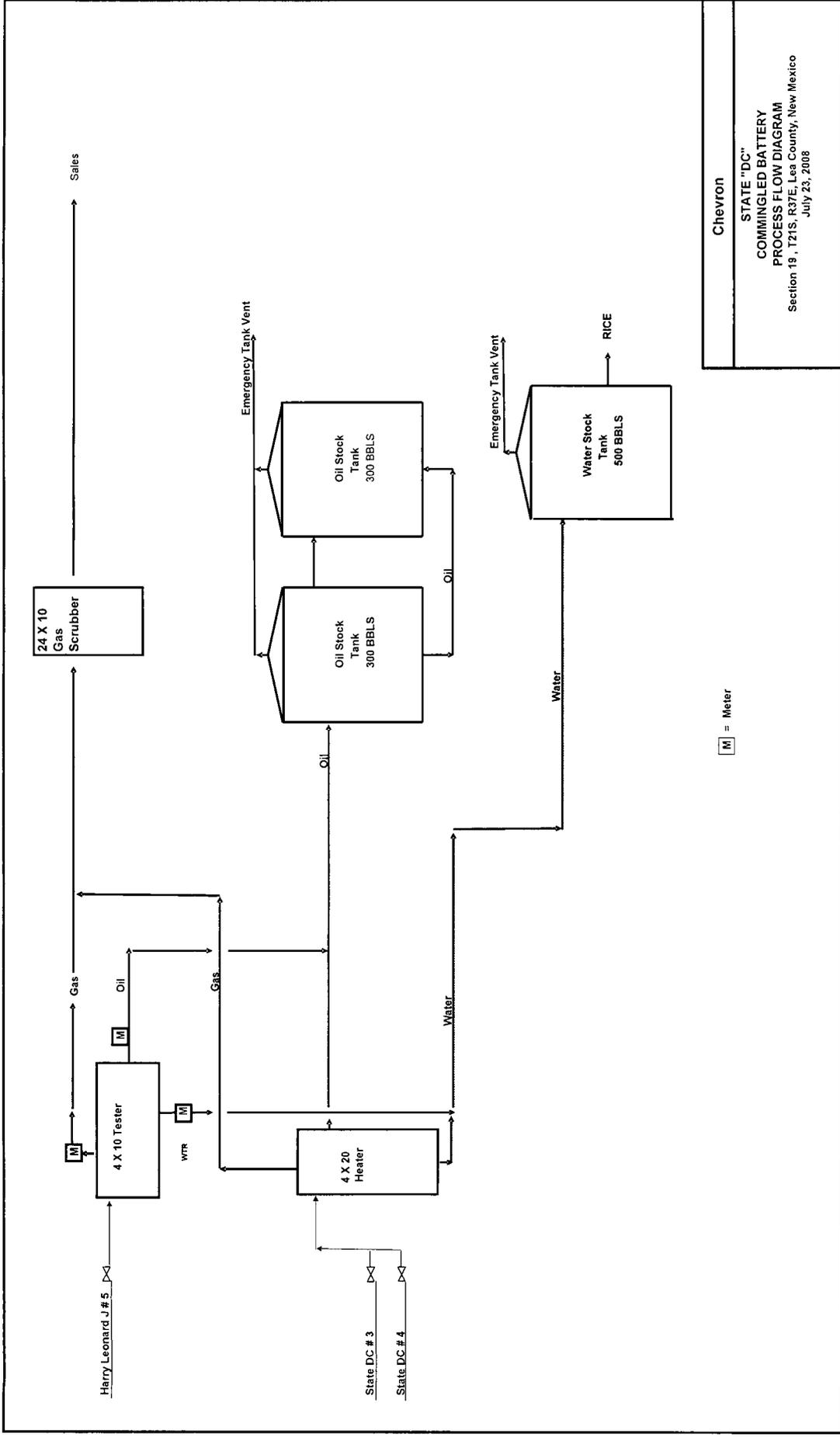
Bottom Hole Location If Different From Surface

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

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
|                 |                 |                    |           |

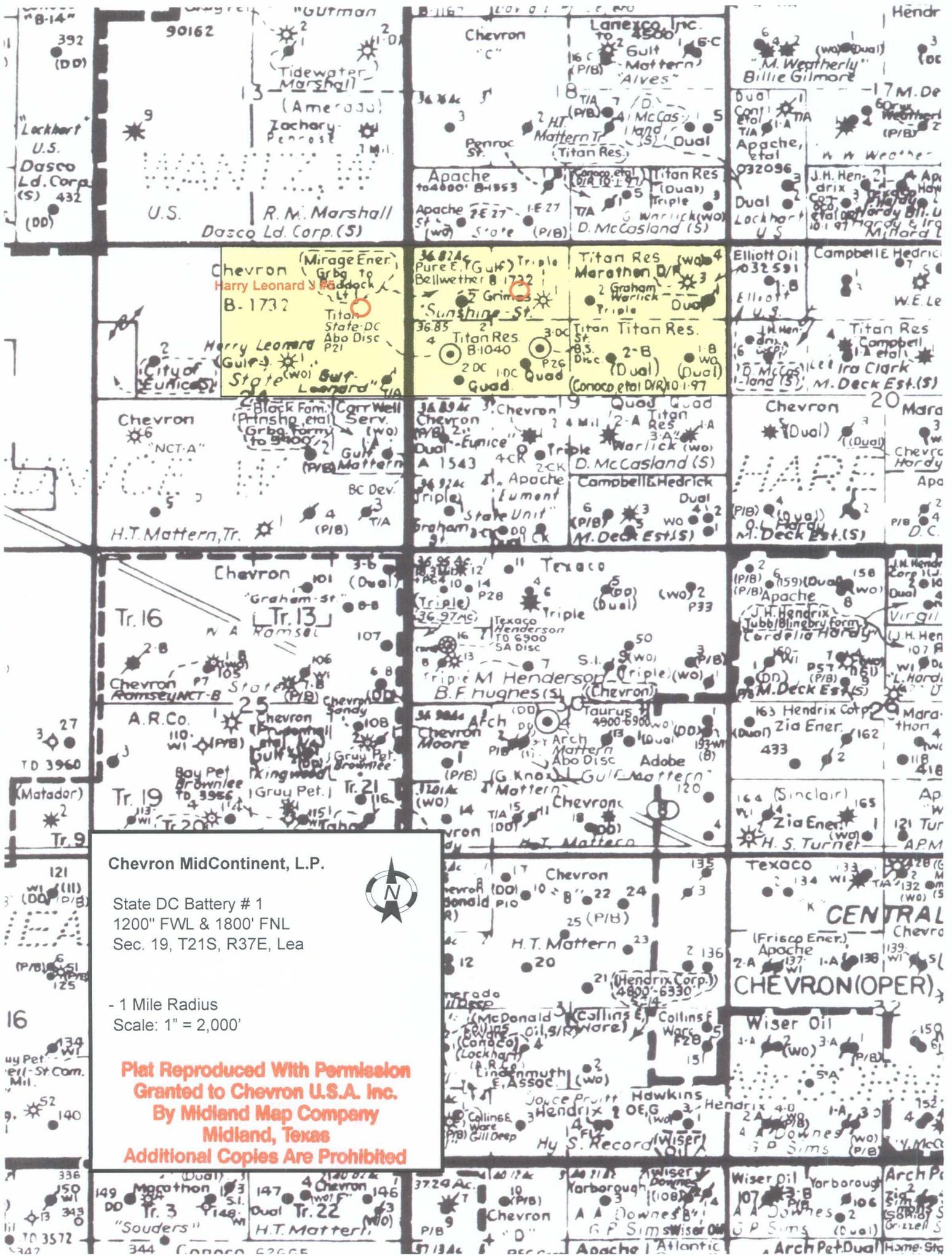
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|  |  |
|--|--|
|  | <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Denise Pinkerton 2-25-08</i><br/>Signature Date</p> <p>Denise Pinkerton<br/>Printed Name</p> |
|  | <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p><i>Ronald J. Eidson</i><br/>Date Surveyed Signature &amp; Seal of Professional Surveyor</p> <p><i>Ronald J. Eidson 10/18/07</i><br/>07.11.1319</p>   |
|  | <p>GEODETIC COORDINATES<br/>NAD 27 NME</p> <p>Y=535879.1 N<br/>X=845469.1 E</p> <p>LAT.=32.468259° N<br/>LONG.=103.213198° W</p>   |
|  | <p>Certificate No. GARY G. EIDSON 12641<br/>RONALD J. EIDSON 3239</p>  |



Chevron  
 STATE "DC"  
 COMMINGLED BATTERY  
 PROCESS FLOW DIAGRAM  
 Section 19, T21S, R37E, Lea County, New Mexico  
 July 23, 2008

[M] = Meter



**Chevron MidContinent, L.P.**

State DC Battery # 1  
 1200' FWL & 1800' FNL  
 Sec. 19, T21S, R37E, Lea



- 1 Mile Radius  
 Scale: 1" = 2,000'

**Plat Reproduced With Permission  
 Granted to Chevron U.S.A. Inc.  
 By Midland Map Company  
 Midland, Texas  
 Additional Copies Are Prohibited**

**CENTRAL  
 CHEVRON (OPER)**



**Carolyn Haynie**  
Petroleum Engineering  
Technical Assistance

**Permian Business Unit**  
Chevron MidContinent, L.P.  
15 Smith Road  
Midland, TX 79705  
Tel 432-687-7261  
Fax 432-687-7558  
chay@chevron.com

July 23, 2008

Pool Lease Commingle  
State DC Commingled Battery  
Chevron MidContinent, L.P.  
15 Smith Road  
Midland, TX 79705

Commissioner of Public Lands  
State of New Mexico,

Chevron MidContinent, L.P. respectfully gives notice of intent to Pool Lease Commingle the oil and gas production from the Blinebry, Drinkard, and Penrose Skelly Grayburg formations. The State DC # 3, API # 30-025-34401, State DC # 4, API # 30-025-34510, and the Harry Leonard J #5, API # 30-025-38789, will be pool lease commingled in the existing State "DC" Battery, located in Section 19, 1200' FWL & 1800' FNL, T21S, R37E, Lea County, NM. The Harry Leonard J #5 will be a new development well producing in the Penrose Skelly Graybrug <sup>pool</sup> formation; located 1200' FNL & 990' FEL, Unit Letter A, Sec, 24, T21S, R37E, Lea County, NM. Currently the production for wells #3 and #4 are going into the State "DC" Battery. The Blinebry, Drinkard, and Grayburg formations were approved in the State "DC" Commingled Battery, PC-435, copy attached.

Chevron is the operator and has a 100% working interest in these wells and formations. For your information, our application submitted to the OCD is enclosed for your determination of this project. Any objections to this commingle must be sent to the **New Mexico Oil Conservation Division; 1220 South St. Francis Drive; Santa Fe, NM 87504**, within 20 days of receipt of this notification.

If you require additional information, please contact me, by telephone at 432-687-7261, or by email at: [chay@chevron.com](mailto:chay@chevron.com).

Sincerely,

Carolyn Haynie  
NM PE Technical Assistant  
Enclosure

cc: Lease File

**Jones, William V., EMNRD**

---

**From:** Haynie, Carolyn (CHaynie) [Preferred Personnel] [CHAY@chevron.com]  
**Sent:** Monday, July 28, 2008 9:56 AM  
**To:** Jones, William V., EMNRD  
**Subject:** Pool Lease Commingle  
**Attachments:** dwnhl\_commingle\_data\_Harry\_Leonard\_J\_5.xls

Good Morning Will,

I just mailed an application for the State "DC" to Pool Lease Commingle the Blinbry, Drinkard, and Grayburg production, and I did not sent the formation intervals and estimated production allocation for this project. Please let me know if you have everything for this project. They are wanting this project asap so they can began drilling the Harry Leonard J well. Sorry if I delayed it because of these intervals.

Thanks,

*Carolyn Haynie*  
*Petroleum Engineer TA*  
*Room 3337*  
*432-687-7261*

<<dwnhl\_commingle\_data\_Harry\_Leonard\_J\_5.xls>>

---

This inbound email has been scanned by the MessageLabs Email Security System.

---

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

**Jones, William V., EMNRD**

---

**From:** Jones, William V., EMNRD  
**Sent:** Wednesday, August 06, 2008 10:51 AM  
**To:** 'Haynie, Carolyn (CHaynie) [Preferred Personnel]'  
**Subject:** RE: Pool Lease Commingle

Carolyn:  
Thanks for this - I had this out to work on.

You can fax the DHC submittal to 505-476-3462 - and we'll get it back to you (unless it has diverse interests, that you must notify and we must wait the 20 days) - Let me know?

Just let me know the Pools involved with DC#3 and I can write the surface commingle up to allow for these Pools. Of course, you need to get the C-102s for each of these pools in this well to your Landman and ask him/her about ownership, whether it is identical. IF not, then more notice would be involved.

I have a hearing tomorrow so will be away from this til next week - but maybe could look at it Friday.

William V. Jones PE  
New Mexico Oil Conservation Division  
1220 South St. Francis  
Santa Fe, NM 87505  
505-476-3448

---

**From:** Haynie, Carolyn (CHaynie) [Preferred Personnel] [mailto:CHAY@chevron.com]  
**Sent:** Wednesday, August 06, 2008 10:19 AM  
**To:** Jones, William V., EMNRD  
**Subject:** Pool Lease Commingle

Good Morning Will,

I just wanted to let you know that the rush project I mentioned to you, the "State DC Surface Commingle" may have to be resubmitted. There are some formation issues on well # 3. Donna Mull from the OCD in Hobbs, has informed us that we need to DHC the State DC # 3 and shut it in until the paperwork is submitted. So, we have requested the field to shut in the well, and are currently waiting to hear from the engineer and geologist on the project.

As busy as you are, I don't want you to have to process this commingle two times. :)

Thanks,

Carolyn Haynie  
Petroleum Engineer TA  
Room 3337  
687-7261

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited

8/6/2008

**To: Will Jones**  
**Fax Number: 505-476-3462**  
**New Mexico Oil Conservation Division**  
**1220 South St. Francis**  
**Santa Fe, NM 87505**  
**505-476-3448**

**From: Carolyn Haynie**  
**Fax Number: 432-687-7758**  
**Chevron USA Inc.**  
**15 Smith Road**  
**Midland, TX 79705**  
**432-687-7261**  
**[chay@chevron.com](mailto:chay@chevron.com)**

**Will, this information is for the State DC # 3 well which Chevron would like to Surface commingled with the State DC # 4 and the Harry Leonard J # 5, (not yet drilled,). After reevaluation, the engineer and geologist took the tops from the OCD and surrounding area wells and amended the previously submitted top of Blinebry for the #3 well. Therefore the downhole commingle will not be necessary.**

**To help you find this project, it's on an email from me to you, and it's dated, August 6, 2008. ☺**

**Thanks,  
Carolyn**

*State DC # 3*

**INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or reopened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

| Southeastern New Mexico |                  | Northwestern New Mexico |                 |
|-------------------------|------------------|-------------------------|-----------------|
| T. Anhy 1210            | T. Canyon        | T. Ojo Alamo            | T. Penn A"      |
| T. Salt                 | T. Strawn        | T. Kirtland             | T. Penn. "B"    |
| B. Salt                 | T. Atoka         | T. Fruitland            | T. Penn. "C"    |
| T. Yates 2608           | T. Miss          | T. Pictured Cliffs      | T. Penn. "D"    |
| T. 7 Rivers             | T. Devonian      | T. Cliff House          | T. Leadville    |
| T. Queen                | T. Silurian      | T. Menefee              | T. Madison      |
| T. Grayburg 3475        | T. Montoya       | T. Point Lookout        | T. Elbert       |
| T. San Andres           | T. Simpson       | T. Mancos               | T. McCracken    |
| T. Glorieta             | T. McKee         | T. Gallup               | T. Ignacio Otze |
| T. Paddock 5152         | T. Ellenburger   | Base Greenhorn          | T. Granite      |
| T. Blinbery 5494        | T. Gr. Wash      | T. Dakota               |                 |
| T. Tubb 6186            | T. Delaware Sand | T. Morrison             |                 |
| T. Drinkard 6360        | T. Bone Springs  | T. Todilto              |                 |
| T. Abo 6656             | T.               | T. Entrada              |                 |
| T. Wolfcamp             | T.               | T. Wingate              |                 |
| T. Penn                 | T.               | T. Chinle               |                 |
| T. Cisco (Bough C)      | T.               | T. Permian              |                 |

**OIL OR GAS SANDS OR ZONES**

No. 1, from ..... to ..... No. 3, from ..... to .....  
 No. 2, from ..... to ..... No. 4, from ..... to .....

**IMPORTANT WATER SANDS**

include data on rate of water inflow and elevation to which water rose in hole.  
 No. 1, from ..... to ..... feet .....  
 No. 2, from ..... to ..... feet .....  
 No. 3, from ..... to ..... feet .....

**LITHOLOGY RECORD (Attach additional sheet if necessary)**

| From  | To | Thickness In Feet | Lithology | From | To | Thickness In Feet | Lithology |
|---|----|-------------------|-----------|------|----|-------------------|-----------|
| <p><i>This report is to amend the top of the Blinbery</i></p> <p><i>Copy of original attached</i></p> |    |                   |           |      |    |                   |           |

|  |   |  |
|--|---|--|
| Submit To Appropriate District Office<br>Two Copies<br>District I<br>1623 N. French Dr., Hobbs, NM 88240<br>District II<br>1301 W. Grand Avenue, Artesia, NM 88210<br>District III<br>1000 Rio Brazos Rd., Aztec, NM 87410<br>District IV<br>1220 S. St. Francis Dr., Santa Fe, NM 87505 | State of New Mexico<br>Energy, Minerals and Natural Resources                 | Form C-105<br>July 17, 2008  |
|  | Oil Conservation Division<br>1220 South St. Francis Dr.<br>Santa Fe, NM 87505 | 1. WELL API NO.<br>30-025-34401  |
|  |   | 2. Type of Lease<br><input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN<br>3. State Oil & Gas Lease No. |

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing:  
 **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)  
 **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER AMENDING TOP OF BLINEBRY

8. Name of Operator  
 CHEVRON MIDCONTINENT, L.P.  
 10. Address of Operator  
 15 SMITH ROAD, MIDLAND, TEXAS 79705

9. OGRID 241333  
 11. Pool name or Wildcat  
 BLINEBRY OIL & GAS (OIL)

|              |          |         |          |       |     |               |          |               |          |        |
|--------------|----------|---------|----------|-------|-----|---------------|----------|---------------|----------|--------|
| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
| Surface:     | F        | 19      | 21-S     | 37-E  |     | 1866          | NORTH    | 2195          | WEST     | LEA    |
| BH:          |          |         |          |       |     |               |          |               |          |        |

13. Date Spudded  
 14. Date T.D. Reached  
 15. Date Rig Released  
 16. Date Completed (Ready to Produce)  
 17. Elevations (DF and RKB, RT, GR, etc.)

18. Total Measured Depth of Well  
 19. Plug Back Measured Depth  
 20. Was Directional Survey Made?  
 21. Type Electric and Other Logs Run

22. Producing Interval(s), of this completion - Top, Bottom, Name

**23. CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

**24. LINER RECORD**      **25. TUBING RECORD**

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|------|-----------|------------|
|      |     |        |              |        |      |           |            |
|      |     |        |              |        |      |           |            |

26. Perforation record (interval, size, and number)

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                               |
|---|-------------------------------|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED |
|   |                               |
|   |                               |

**28. PRODUCTION**

Date First Production      Production Method (Flowing, gas lift, pumping - Size and type pump)      Well Status (Prod. or Shut-in)

|                    |                 |                         |                        |           |              |                             |                 |
|--------------------|-----------------|-------------------------|------------------------|-----------|--------------|-----------------------------|-----------------|
| Date of Test       | Hours Tested    | Choke Size              | Prod'n For Test Period | Oil - Bbl | Gas - MCF    | Water - Bbl.                | Gas - Oil Ratio |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl.             | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.) |                 |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)      30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude      Longitude      NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Denise Pinkerton* Printed Name DENISE PINKERTON Title REGULATORY SPECIALIST Date 08-19-08

E-mail Address [leakejd@chevron.com](mailto:leakejd@chevron.com)

### INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in triplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico  |                        | Northwestern New Mexico     |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy <u>1210</u>      | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates <u>2608</u>     | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Ebert _____         |
| T. Grayburg <u>3475</u>  | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock <u>5152</u>   | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinberry <u>5678</u> | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb <u>6186</u>      | T. Delaware Sand _____ | T. Todilto _____            | T. _____               |
| T. Drinkard <u>6360</u>  | T. Bone Springs _____  | T. Entrada _____            | T. _____               |
| T. Abo <u>6456</u>       | T. _____               | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn _____            | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____          | T. _____               |

#### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

#### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

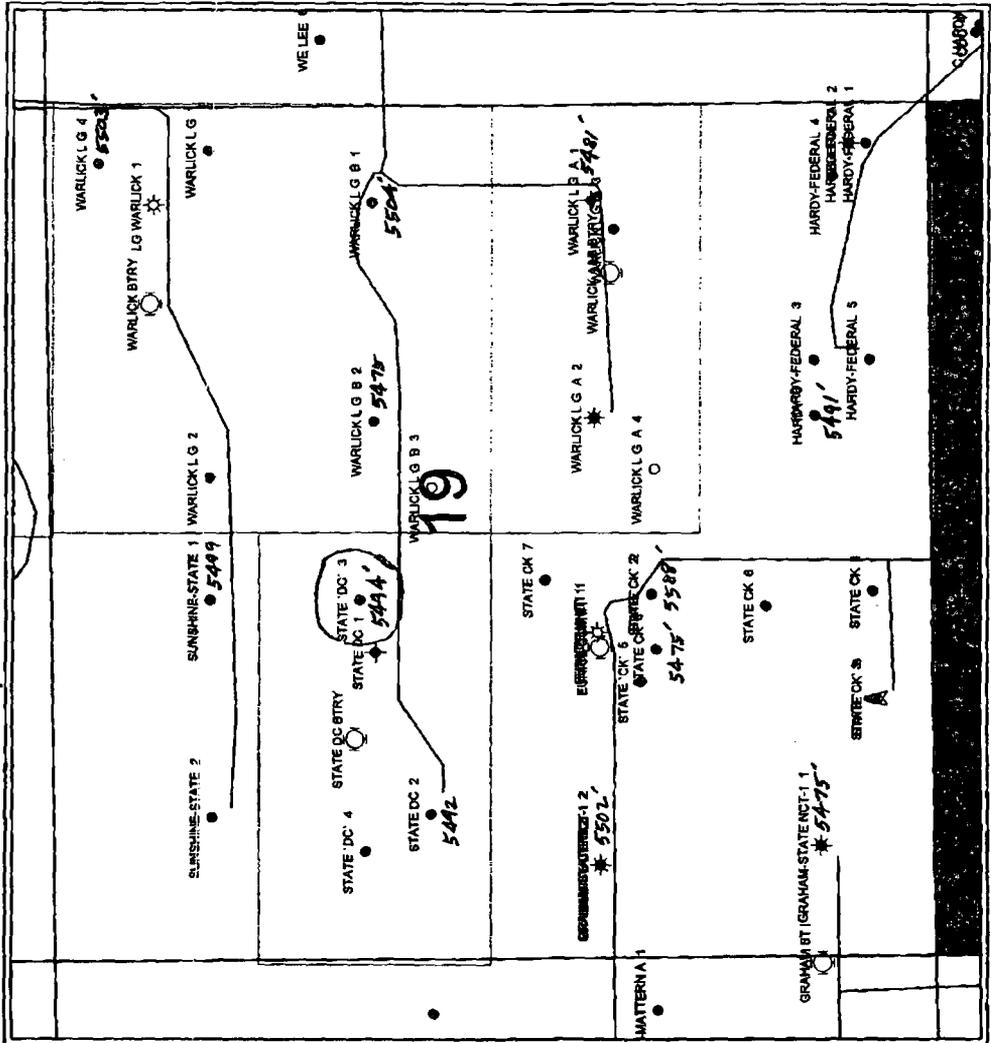
No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_

#### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From   | To     | Thickness<br>in Feet | Lithology | From | To | Thickness<br>in Feet | Lithology |
|--------|--------|----------------------|-----------|------|----|----------------------|-----------|
| 0.0    | 957.0  |                      | RED BED   |      |    |                      |           |
| 957.0  | 1220.0 |                      | ANHYDRITE |      |    |                      |           |
| 1220.0 | 2988.0 |                      | ANHY-SALT |      |    |                      |           |
| 2988.0 | 4793.0 |                      | ANHY-DOLO |      |    |                      |           |
| 4793.0 | 7583.0 |                      | DOLOMITE  |      |    |                      |           |
| 7583.0 | 7825.0 |                      | DOLO-LIME |      |    |                      |           |



TOP OF BLINEBRY



Chevron U.S.A.

Lea Co. New Mexico

Section 19, T21S, R37E



POSTED WELL DATA

Well Label

WELL SYMBOLS

- TANK BATTERY
- Gas Well
- Oil & Gas Well
- Oil Well
- Plugged and Abandoned
- START

August 14, 2006

PETRA-4110208 102731 AM

# TOPS R.M.ALTANY 12/2003

D00533697

DIGITAL ACOUSTILOG  
GAMMA RAY CALIPER LOG

|  |                                 |
|--|---------------------------------|
| FILE NO:<br>8894                                     | COMPANY<br>TITAN RESOURCES, INC |
| API NO:<br>30-025-34401                              | WELL<br>STATE "DC" NO. 3        |
|  | FIELD<br>EUNICE                 |
|  | COUNTY<br>LEA STATE NM          |
| LOCATION:<br>1866' FNL & 2195' FWL                   |                                 |
| SEC 19 TWP 21S RGE 37E                               |                                 |
| OTHER SERVICES<br>SL<br>DLI/MLL/GR<br>HOIP<br>FMT    |                                 |
| PERMANENT DATUM G.L. ELEVATION 3511 FT               |                                 |
| LOG MEASURED FROM K.B. 12 FT ABOVE P.D.              |                                 |
| DRILL. MEAS. FROM K.B.                               |                                 |
| ELEVATIONS<br>KB 3522 FT<br>DF 3521 FT<br>GL 3511 FT |                                 |

|                        |                      |
|------------------------|----------------------|
| DATE                   | 5-JUNE-98            |
| RUN                    | 1                    |
| SERVICE ORDER          | 213165               |
| DEPTH DRILLER          | 7825 FT              |
| DEPTH LOGGER           | 7822 FT              |
| BOTTOM LOGGED INTERVAL | 7740 FT              |
| TOP LOGGED INTERVAL    | 3400 FT              |
| CASING - DRILLER       | 8.625 IN @ 1220 FT   |
| CASING LOGGER          | NOT LOGGED           |
| BIT SIZE               | 7.875 IN             |
| TYPE OF FLUID IN HOLE  | CUT BRINE STARCH     |
| DENSITY / VISCOSITY    | 9.3 LB/G 30 S        |
| PH / FLUID LOSS        | 10 15.2 C3           |
| SOURCE OF SAMPLE       | MUOPIT               |
| RM AT MEAS. TEMP.      | .036 OHMM @ 75 DEGF  |
| RMP AT MEAS. TEMP.     | .036 OHMM @ 75 DEGF  |
| RMC AT MEAS. TEMP.     |                      |
| SOURCE OF RMY / RMC    | MEASURED             |
| RM AT BHT              | .024 OHMM @ 116 DEGF |
| TIME SINCE CIRCULATION | 5 H                  |
| MAX. RECORDED TEMP.    | 116 DEGF             |
| EQUIP. NO. / LOCATION  | HL-6611 HOBBS,NM     |
| RECORDED BY            | MBACA                |
| WITNESSED BY           | LARRY WAGNER         |

DIGITAL ACOUSTILOG

- FOLD HERE

