

→ 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

RECEIVED

JUL 19 2010

HOBBSOCD

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101

June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

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

| | | |
|--|--|---|
| ¹ Operator Name and Address CHEVRON U.S.A INC 15 SMITH ROAD MIDLAND, TEXAS 79705 | | ² OGRID Number 4323 |
| | | ³ API Number 30 - 025-24026 |
| ³ Property Code 29991 | ⁵ Property Name NORTH VACUUM ABO WEST UNIT | |
| | | ⁶ Well No 6 ✓ |
| ⁹ Proposed Pool VACUUM ABO, NORTH | | ¹⁰ Proposed Pool 2 |

⁷ Surface Location

| | | | | | | | | | |
|-------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no H | Section 21 | Township 17-S | Range 34-E | Lot Idn | Feet from the 2080 | North/South line NORTH | Feet from the 560 | East/West line EAST | County LEA |
|-------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|

⁸ Proposed Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|-------------------|---------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no C | Section 22 | Township 17-S | Range 34-E | Lot Idn | Feet from the 170 | North/South line NORTH | Feet from the 2260 | East/West line WEST | County LEA |
|-------------------|---------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

Additional Well Information

| | | | | |
|--|--|---------------------------------------|------------------------------------|--------------------------------------|
| ¹¹ Work Type Code DRILL HORIZONTAL | ¹² Well Type Code O | ¹³ Cable/Rotary | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation |
| ¹⁶ Multiple NO | ¹⁷ Proposed Depth 12,375' MD | ¹⁸ Formation VACUUM ABO | ¹⁹ Contractor | ²⁰ Spud Date |

²¹ Proposed Casing and Cement Program

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

²² 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 DRILL A HORIZONTAL OUT OF THE EXISTING WELLBORE IN THE SUBJECT WELL

PROPOSED BOTTOMHOLE LOCATION: 170' FNL& 2260' FWL, SECTION 22, T-17S, R-34E

PROPOSED KICK OFF POINT: 8600'

PROPOSED WINDOW: 8591-8597'

PROPOSED LENGTH OF LATERAL 3800'

PROPOSED TARGET INTERVAL. VACUUM ABO OIL, 8750-8870

ATTACHED, PLEASE FIND THE C-102 PLAT & THE C-144 PIT INFORMATION

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

Horizontal

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature:

Denise Pinkerton

Printed name:
DENISE PINKERTON

Title:
REGULATORY SPECIALIST

E-mail Address:
lcakejd@chevron.com

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:
PETROLEUM ENGINEER

Approval Date: **AUG 04 2010**

Expiration Date

| | | |
|---------------------|------------------------|--|
| Date: 07-16-2010 | Phone: 432-687-7375 | Conditions of Approval Attached <input type="checkbox"/> |
|---------------------|------------------------|--|

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|--|--|
| ¹ API Number 30-025-24026 | ² Pool Code 61760 | ³ Pool Name VACUUM; ABO, NORTH |
| ⁴ Property Code 29991 | ⁵ Property Name NORTH VACUUM ABO WEST UNIT | |
| ⁷ OGRID No. 4323 | ⁸ Operator Name CHEVRON U.S.A. INC. | ⁶ Well Number 6 |
| ⁹ Elevation | | |

¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| H | 21 | 17-S | 34-E | | 2080 | NORTH | 560 | EAST | LEA |

¹¹ 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C | 22 | 17-S | 34-E | | 170 | NORTH | 2260 | WEST | LEA |

| | | | |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 160 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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.

21

22

¹⁷ **OPERATOR CERTIFICATION**
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

Signature: *Denise Pinkerton* Date: 07-16-2010

Printed Name: DENISE PINKERTON REGULATORY SPECIALIST

¹⁸ **SURVEYOR CERTIFICATION**
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.

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number

