

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

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

WELL API NO.  
30-015-35352

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

ESPERANZA 4

8. Well Number #8

9. OGRID Number  
4323

10. Pool name or Wildcat  
ESPERANZA; DELAWARE

SUNDRY NOTICES AND REPORTS ON WELLS

(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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
CHEVRON USA INC

3. Address of Operator  
1616 W. BENDER BLVD HOBBS, NM 88240

4. Well Location

Unit Letter K : 1980 feet from the SOUTH line and 2310 feet from the WEST line  
Section 04 Township 22S Range 27E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3119' GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☒ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Cor proposed completion or recompletion.

Chevron USA Inc requests to TA the above well with the following procedure:

MIRU pulling unit.  
Pull tubing and BHA  
Run back in hole with tubing and spot 2%KCL with corrosion inhibitor from current PBTD to surface.  
POOH with tubing and lay down  
RU wireline and set 5" CIBP at 3,953' (40' above top of Delaware perfs)  
Dump ball 35' of cement on top of CIBP  
Pressure test to 550 PSI for 30 minutes after giving NMOCD rep 48 hr notice.

TA status may be granted after a successful MIT test is performed.  
Contact the OCD to schedule the test so it may be witnessed.

LAST PROD 2/1/2017

NM OIL CONSERVATION  
ARTESIA DISTRICT

JUL 27 2017

RECEIVED

Spud Date:

Rig Release Date:

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

SIGNATURE Cindy Herrera-Murillo TITLE Permitting Specialist DATE 07/25/2017

Type or print name Cindy Herrera-Murillo E-mail address: Cherreramurillo@chevron.com PHONE: 575-263-0431

For State Use Only

APPROVED BY: Rebecca Ince TITLE Compliance Officer DATE 7/28/17  
Conditions of Approval (if any):

# Esperanza 4-8

Location: 1980' FSL & 2310' FWL, Eddy County NM

FIELD: Esperanza

API: 3001535352

DATE CHKD: Jul. 25, 2017

LEASE/UNIT: OCA Carlsbad FMT

ChevNo: JW2000

BY: PUBJ

COUNTY: Eddy

WELL: Esperanza 4-8

STATE: New Mexico

SPUD DATE: 1/27/07

COMP. DATE: 3/22/2007

CURRENT STATUS: SI

KB = 12'

Elevation = 3,131'

TD = 5,270'

PBTD = 5,250'

Current Pump details are missing\*\*\*\*

Surface Csg.,

OD: 8 5/8 in, Wt.: 24.00 lbs/ft, GrdJ-55, Depth (MD): 433 ftKB, cmt'd w/ 165 sx prem plus, 2% CaCl. circ. 72 sx

## Tubing Strings

Tubing - Production set at 5,174.5 ftKB on 9/11/2009 00:00

| Tubing Description   |     | Run Date  | String Length (ft) |       | Set Depth (MD) (ft) |          |
|----------------------|-----|-----------|--------------------|-------|---------------------|----------|
| Tubing - Production  |     | 9/11/2009 | 5162.53            |       | 5174.5              |          |
| Item Desc            | J/L | OD (in)   | Wt (lb/ft)         | Grade | Len (ft)            | Elm (ft) |
| Tubing               | 120 | 2 7/8     | 6.50               | N-80  | 3180.129            | 3181.33  |
| Anchor/tear          | 1   | 2 7/8     |                    |       | 3100                | 3181.33  |
| Tubing               | 42  | 2 7/8     | 6.50               | L-80  | 11320.54            | 5113.83  |
| Seat Nipple/Cup type | 1   | 2 7/8     |                    |       | 1510                | 5113.79  |
| Tubing Sub           | 1   | 2 7/8     | 6.50               | J-55  | 2100                | 5113.99  |
| Desander             | 1   | 2 7/8     |                    |       | 3100                | 5114.29  |
| Mud Anchor           | 1   | 2 7/8     | 6.50               | L-80  | 31100               | 5117.39  |
| Ball Plug            | 1   | 2 7/8     |                    |       | 0.50                | 5117.45  |

Perfs: 3993-4062' (Delaware)

Perfs: 4858 - 4948' (Delaware)

Perfs: 5091 - 5129' (Delaware)

Production Csg.,

OD: 5 1/2 in, Wt.: 15.50 lbs/ft, GrdJ-55, Depth (MD): 5,270 ftKB, cmt'd w/ 350 sx interfill C-SBM 0.125# m Poly e Flake. 5# m Gilsonite + 50/50 Poz Prem plus SBM, 0.5% Halad 50#, 2.5# Salt. Circ. 85 sx to pit.

TD 5,270'

PBTD 5,250'

Jul. 25, 2017



## Current Wellbore Schematic Hist

ESPERANZA 4 8  
NM OIL CONSERVATION  
ARTESIA DISTRICTField: Esperanza (Prospect)  
County: EDDY  
State: NEW MEXICO  
Location: SEC 4-22S-27E, 1980 FSL & 2310 FWL  
Elevation: GL 3,119.00 KB 3,131.00  
KB Height: 12.00

JUL 27 2017

RECEIVED

Spud Date: 1/27/2007  
API #: 3001535352  
CHK Property #: 613216  
1st Prod Date:  
PBSD: Original Hole - 5252.0  
TD: 5,270.0

| Well Config: - Original Hole: 6/19/2007 10:53:01 AM |                                                                              |                                      | Date      | Event                                                                                                                             |
|-----------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------|
| RKB (MD)                                            | Schematic - Actual                                                           | Perforations                         |           |                                                                                                                                   |
|                                                     |                                                                              | Date Top (MD) Btm (MD)               |           |                                                                                                                                   |
| -8                                                  | OD:11, Top (MD):12, Btm (MD):433                                             | Polished Rod, 1 1/2, 18              | 2/20/2007 | Acidz 5091'-5129' w/ 1500 gal 7.5 NeFe. ISIP 850 psi, Pst 690 psi, Max 5800 psi, Avg 1650 psi, Min 1441 psi.                      |
| 12                                                  | Des:Surface                                                                  |                                      | 2/22/2007 | Frac 5091'-5129' w/ 65324 gal 30# Linear Gel & 89324# 16/30 sd. ISIP 930, Pst 840, Max 1721, Avg 1535.                            |
| 12                                                  | Casing Cement, Top (MD):12, Btm (MD):433                                     |                                      | 3/7/2007  | Acidz 4858'-4948' w/ 1500 gal 7.5% HCl. ISIP 210, Pst 166, Max 4800, Avg 1105, Min 283.                                           |
| 18                                                  | Des:Surface, OD:8 5/8in, Wt.:24.00lbs/ft, Grd:J-55, Depth (MD):433 ftKB      | Sucker Rod, 7/8, 2,243               | 3/14/2007 | Acidz 3993'-4062' w/ 1500 gal 7.5% NeFe. ISIP 729, Pst 729, Max 3702, Avg 2100, Min 1102.                                         |
| 432                                                 | OD:7 7/8, Top (MD):433, Btm (MD):5,270                                       | Tubing, 2 7/8, 3,813, 6.50, N-80     | 3/20/2007 | Frac 3993'-4062' w/ 18732 gal 30# X Link Gel & 98550# 16/30 sd. ISIP 835, Pst 784, Max 1443, Avg 1168.                            |
| 433                                                 | Des:Cement Squeeze, Top (MD):3,993, Btm (MD):4,062                           | Sucker Rod, 3/4, 4,768               | 3/22/2007 | Tubing - Production set at 5,222.0ftKB on 3/22/2007 00:00                                                                         |
| 2,243                                               | Des:Cement Plug, Top (MD):4,190, Btm (MD):4,200                              | Anchor/catcher, 2 7/8, 3,816         | 5/15/2007 | Tubing - Production set at 4,822.0ftKB on 5/15/2007 00:00                                                                         |
| 3,813                                               | Des:Cement Plug, Top (MD):4,490, Btm (MD):4,500                              |                                      | 5/21/2007 | Tubing - Production set at 4,031.0ftKB on 5/21/2007 00:00                                                                         |
| 3,816                                               |                                                                              |                                      | 6/12/2007 | Frac 4858'-4984' w/ 30114 gal 30# Linear Gel & 41340# White 16/30, 10560# Siberprop 16/30. ISIP 950, Pst 735, Max 5430, Avg 4000. |
| 3,993                                               |                                                                              |                                      | 6/14/2007 | Tubing - Production set at 5,174.5ftKB on 6/14/2007 00:00                                                                         |
| 4,062                                               |                                                                              | DELAWARE                             |           |                                                                                                                                   |
| 4,768                                               |                                                                              | Tubing, 2 7/8, 5,137, 6.50, L-80     | 3/14/2007 | 3,993 4,062<br>3,993 4,062                                                                                                        |
| 4,858                                               |                                                                              |                                      |           |                                                                                                                                   |
| 4,948                                               |                                                                              | Sinker Bar, 1 1/2, 5,118             | 3/6/2007  | 4,858 4,948                                                                                                                       |
| 4,984                                               |                                                                              |                                      |           |                                                                                                                                   |
| 5,091                                               | Des:Cement Plug, Top (MD):5,040, Btm (MD):5,050                              |                                      | 2/16/2007 | 5,091 5,129                                                                                                                       |
| 5,118                                               |                                                                              | Rod Insert Pump, 1 1/2, 5,138        |           |                                                                                                                                   |
| 5,129                                               |                                                                              | Seat Nipple: Cup Type, 2 7/8, 5,138  |           |                                                                                                                                   |
| 5,137                                               |                                                                              | Tubing Sub, 2 7/8, 5,140, 6.50, J-55 |           |                                                                                                                                   |
| 5,138                                               |                                                                              | Desander, 2 7/8, 5,143               |           |                                                                                                                                   |
| 5,140                                               |                                                                              | Mud Anchor, 2 7/8, 5,174, 6.50, L-80 |           |                                                                                                                                   |
| 5,143                                               |                                                                              | Bull Plug, 2 7/8, 5,174              |           |                                                                                                                                   |
| 5,174                                               |                                                                              |                                      |           |                                                                                                                                   |
| 5,175                                               | PBSD, 5,252, 2/6/2007                                                        |                                      |           |                                                                                                                                   |
| 5,225                                               | Des:Production Casing Cement, Top (MD):12, Btm (MD):5,270                    |                                      |           |                                                                                                                                   |
| 5,226                                               | Des:Production, OD:5 1/2in, Wt.:15.50lbs/ft, Grd:J-55, Depth (MD):5,270 ftKB |                                      |           |                                                                                                                                   |
| 5,252                                               | TD, 5,270, 2/6/2007                                                          |                                      |           |                                                                                                                                   |
| 5,268                                               |                                                                              |                                      |           |                                                                                                                                   |
| 5,270                                               |                                                                              |                                      |           |                                                                                                                                   |

## Cement

| Start Date | String                  | Wellbore      | Stg No. | Fluid | Amount (sacks) | C. | Yield (ft <sup>3</sup> /sack) | Density (lb/gal) | Top Meas Meth | Sacks Circ (ft <sup>3</sup> /sack) | Comment                                                               |
|------------|-------------------------|---------------|---------|-------|----------------|----|-------------------------------|------------------|---------------|------------------------------------|-----------------------------------------------------------------------|
| 1/28/2007  | Surface, 433.0ftKB      | Original Hole |         | Lead  | 165            |    | 1.34                          | 14.80            |               | 72.00                              | Prem Plus, 2% Cacl. Circ 72 sx.                                       |
| 6/6/2007   | Production, 5,270.0ftKB | Original Hole |         |       | 1              |    |                               |                  |               |                                    | Cmt cap on CBP @ 4200'.                                               |
| 3/14/2007  | Production, 5,270.0ftKB | Original Hole |         |       | 1              |    |                               |                  |               |                                    | Cmt cap on CBP @ 4500'.                                               |
| 3/7/2007   | Production, 5,270.0ftKB | Original Hole |         |       | 1              |    |                               |                  |               |                                    | Cmt cap on CBP @ 5050'.                                               |
| 2/6/2007   | Production, 5,270.0ftKB | Original Hole |         | Lead  | 350            |    | 2.45                          | 11.90            |               | 85.00                              | Interfill C-SBM .125#m Poly-E-Flake, 5#m Gilsonite.                   |
| 2/6/2007   | Production, 5,270.0ftKB | Original Hole |         | Tail  | 225            |    | 1.31                          | 14.20            |               | 85.00                              | 50/50 Poz Prem Plus-SBM, .5% Halad 50#, 2.5# salt. Circ 85 sx to pit. |