



# Shell Exploration & Production

State of New Mexico  
Energy, Minerals and Natural Resources Dept.  
Oil Conservation Division-District 4  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
Attn.: Ed Martin, District Supervisor

**Shell Exploration & Production Co.**

Regulatory Affairs-EP Americas  
4582 S. Ulster Street Parkway  
Suite 1400  
Denver, Colorado 80237

September 27, 2011

**Subject:** Notice of Intention to Plug and Abandon  
Shell Exploration & Production Co., Latigo Ranch 3-3 (API No. 30-019-20138)  
Guadalupe County, New Mexico

Dear Mr. Martin:

Shell Exploration & Production Company (Shell), as service provider to SWEPI LP in New Mexico, is submitting our Notice of Intention (Form C-103) to plug and abandon the subject well to New Mexico Oil Conservation Division-District 4 (OCD) for your review and approval.

If you have any questions or require any additional information regarding this request, please contact me at (303) 222-6347, or David Janney at AMEC in Albuquerque at (505) 821-1801.

Regards,

Michael L. Bergstrom  
Senior Regulatory Advisor  
Shell Exploration & Production Company

Attachments: Form C-103 w/wellbore diagram

Submit 1 Copy 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  
October 13, 2009

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

WELL API NO.  
**30-019-20138**

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.  
**NA**

7. Lease Name or Unit Agreement Name

**Singleton Properties LLC**

8. Well Number  
**Latigo Ranch 3-3**

9. OGRID Number  
**250036**

10. Pool name or Wildcat  
**Wildcat**

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  
**SWEPI LP**

3. Address of Operator  
**P.O. Box 576, Houston, TX 77001**

4. Well Location

Unit Letter **K** : **1177+/-** feet from the **South** line and **1666+/-** feet from the **West** line  
Section **3** Township **10 N** Range **23 E** NMPM County **Guadalupe**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**4640' graded**

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

OTHER: Completion ☐

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Estimated start date is October 20, 2010

Pertinent details are as follows:

Cap with P&A marker.

Cut and retrieve 7 5/8" casing and cut off wellhead 6' BGL.

100' surface plug set across all casing strings.

Cement retainer @ 1450'. Circulated 200' cement plug into both annuli. Additional 200' cement plug set on top of retainer.

Cement retainer @ 5,900'. Circulate 200' cement plug into annulus. Additional 200' cement plug set on top of retainer.

Cement retainer @ 10,700'. Cement squeeze into upper perforations. Additional 200' cement plug set on top of retainer.

Latitude/Longitude location is: North 35.118108, West 104.496450 (NAD 83)

Spud Date:

4-9-09

Rig Release Date:

6-16-09

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

SIGNATURE Michael L. Bergstrom TITLE Senior Regulatory Advisor DATE September 27, 2011

Type or print name Michael L. Bergstrom E-mail address: Michael.Bergstrom@shell.com PHONE: (303) 222-6347

**For State Use Only**

APPROVED BY: Ed Martin TITLE DISTRICT SUPERVISOR DATE 10/24/2011

Conditions of Approval (if any):

Form C-103  
October 13, 2009

| CSG. Info | Casing | Depth (From-To) |        | Size    | Wt    | Grade | Burst | Collapse | Collar | Drift | ID    | bb/ft  | Hole  | Mud | Cement  | TOC      | Comments                               |
|-----------|--------|-----------------|--------|---------|-------|-------|-------|----------|--------|-------|-------|--------|-------|-----|---------|----------|----------------------------------------|
|           | Surf   | 0               | 1,494  | 10 3/4" | 40.5# | K-55  | 3130  | 1580     | STC R3 | 9.894 | 10.05 | 0.0981 | 14.75 | 8.4 | 790 sx  | Surface  | Bumped Plug, Floats Held, Full returns |
|           | Prot   | 0               | 5,975  | 7 5/8"  | 29.7# | P-110 | 9470  | 5340     | LTC    | 6.75  | 6.875 | 0.0459 | 9.875 | 8.9 | 1290 sx | ?        | Bumped Plug, Floats Held, Full returns |
|           | Prod   | 0               | 14,241 | 4-1/2"  | 13.5# | P-110 | 12410 | 10670    | DWC    | 3.795 | 3.92  | 0.0149 | 6.5   | 8.9 | 1155 sx | 6400 CBL | Bumped Plug, Floats Held, Full returns |

NOTE: Per Casing Report: Flag Joints @ 9403, 10894, 11969 FC @ 14239' Per CBL: Flag Joints @ 11,978', 10,942', 9410' FC @ 14248'

| TBG. Info.        | Depth  | Size   | Wt.   | Grade | Coupling   | Drift    | Burst         | Collapse | ID    | bb/ft   |       |      |      |
|-------------------|--------|--------|-------|-------|------------|----------|---------------|----------|-------|---------|-------|------|------|
|                   | 10,620 | 2 3/8" | 4.7#  | L80   | EUE 8rd    | 1.901    | 11200         | 11780    | 1.995 | 0.00387 |       |      |      |
| LNDG NIPPLE Info. | Depth  | Size   | MFG   | TYPE  | Profile ID | NO GO ID | PACKER DETAIL |          |       |         | Depth | Type | Bore |
|                   | 10590  | 2 3/8" | Baker | BX    | 1.875"     |          |               |          |       |         | 10620 | Bkr  |      |

| Stage  | Perf Top |        | Perf Bot | Shots         | Status | Rate<br>(bbl/min) | Date<br>Fract'd | F.G. | Proppant Information |      |        | mm/yy | BHP | BHT |
|--------|----------|--------|----------|---------------|--------|-------------------|-----------------|------|----------------------|------|--------|-------|-----|-----|
|        |          |        |          |               |        |                   |                 |      | size                 | Type | Lbs    |       |     |     |
| 12     | 10,730   | 10,731 | 6        | Open          | 35     | 12-Dec-09         | 0.599           | -    | 0                    | 0    | Sep-09 | 4,743 | 200 |     |
|        | 10,736   | 10,737 | 6        |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 10,748   | 10,750 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 10,763   | 10,765 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 10,772   | 10,774 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 10,782   | 10,784 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 10,812   | 10,814 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
| 11     | 10,846   | 10,848 | 12       | Open          | 35     | 12-Dec-09         | 0.573           | -    | 0                    | 0    | Sep-09 | 4,743 | 200 |     |
|        | 10,866   | 10,868 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 10,876   | 10,878 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 10,898   | 10,899 | 6        |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 10,908   | 10,908 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 10,957   | 10,959 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 10,966   | 10,967 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
| 10     | 11,656   | 11,657 | 12       | Open          | 35     | 11-Dec-09         | 0.619           | -    | -                    | 0    | Sep-09 | 5,284 | 211 |     |
|        | 11,666   | 11,669 | 6        |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 11,680   | 11,681 | 6        |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 11,707   | 11,709 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 11,782   | 11,784 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 11,793   | 11,795 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 11,806   | 11,808 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
| 9      | 11,866   | 11,867 | 12       | Open          | 35     | 11-Dec-09         | 0.656           | -    | 0                    | 0    | Sep-09 | 5,395 | 213 |     |
|        | 11,890   | 11,891 | 6        |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 11,930   | 11,933 | 6        |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 11,948   | 11,949 | 18       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 11,970   | 11,972 | 6        |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 11,988   | 11,990 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,000   | 12,002 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
| 8      | 12,204   | 12,210 | 36       | Open          | 35     | 10-Dec-09         | 0.689           | -    | 0                    | 0    | Sep-09 | 5,575 | 217 |     |
|        | 12,229   | 12,231 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,263   | 12,265 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,288   | 12,290 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,300   | 12,302 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        |          |        |          |               |        |                   |                 |      |                      |      |        |       |     |     |
|        |          |        |          |               |        |                   |                 |      |                      |      |        |       |     |     |
| 7      | 12,463   | 12,465 | 12       | Open          | 35     | 10-Dec-09         | 0.693           | -    | 0                    | 0    | Sep-09 | 5,719 | 220 |     |
|        | 12,470   | 12,472 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,496   | 12,498 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,508   | 12,510 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,519   | 12,522 | 18       |               |        |                   |                 |      |                      |      |        |       |     |     |
| 6      | 12,763   | 12,765 | 12       | Open          | 35     | 9-Dec-09          | 0.673           | -    | -                    | 0    | Sep-09 | 5,888 | 223 |     |
|        | 12,782   | 12,794 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,802   | 12,804 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,817   | 12,819 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,830   | 12,832 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 12,839   | 12,841 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
| 12,880 | 12,882   | 12     |          |               |        |                   |                 |      |                      |      |        |       |     |     |
| 5      | 13,134   | 13,136 | 12       | Open          | 34     | 9-Dec-09          | 0.592           | -    | -                    | 0    | Sep-09 | 6,080 | 227 |     |
|        | 13,141   | 13,143 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,161   | 13,163 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,161   | 13,162 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,172   | 13,174 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,190   | 13,192 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
| 13,197 | 13,198   | 12     |          |               |        |                   |                 |      |                      |      |        |       |     |     |
| 4      | 13,389   | 13,391 | 12       | Open          | 32     | 24-Sep-09         | 0.693           | -    | -                    | 0    | Sep-09 | 6,225 | 230 |     |
|        | 13,410   | 13,412 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,420   | 13,424 | 24       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,432   | 13,434 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,440   | 13,442 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        |          |        |          |               |        |                   |                 |      |                      |      |        |       |     |     |
| 3      | 13,495   | 13,498 | 18       | Open          | 33     | 24-Sep-09         | 0.626           | -    | -                    | 0    | Sep-09 | 6,294 | 231 |     |
|        | 13,521   | 13,523 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,540   | 13,543 | 18       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,563   | 13,565 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,566   | 13,568 | 12       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        | 13,576   | 13,580 | 24       |               |        |                   |                 |      |                      |      |        |       |     |     |
| 13,586 | 13,588   | 12     |          |               |        |                   |                 |      |                      |      |        |       |     |     |
| 2      | 14,000   | 14,010 | 60       | Below<br>CIBP | 35     | 15-Sep-09         | 0.758           | -    | -                    | 0    | Sep-09 | 6,549 | 237 |     |
|        |          |        |          |               |        |                   |                 |      |                      |      |        |       |     |     |
|        |          |        |          |               |        |                   |                 |      |                      |      |        |       |     |     |
|        |          |        |          |               |        |                   |                 |      |                      |      |        |       |     |     |
|        |          |        |          |               |        |                   |                 |      |                      |      |        |       |     |     |
| 1      | 14,110   | 14,120 | 60       | Below<br>CIBP | 35     | 14-Sep-09         | 0.62            | -    | -                    | 0    | Sep-09 | 6,613 | 238 |     |
|        | 14,080   | 14,090 | 60       |               |        |                   |                 |      |                      |      |        |       |     |     |
|        |          |        |          |               |        |                   |                 |      |                      |      |        |       |     |     |