

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

HOBBS OCD

JUL 12 2012

SUBMIT IN TRIPLICATE - Other instructions on page 2

RECEIVED

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

2. Name of Operator  
Enervest Operating, LLC Attn: Bridget Helfrich

3a. Address 1001 Fannin St. Ste 800 Houston, Tx 77002  
3b. Phone No. (include area code) 713-495-6537

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 7 - T 23S - R 32E, UL O  
660' FSL & 1980' FEL

5. Lease Serial No.

NM-86151

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Blue Quail Federal #1

9. API Well No.

30-025-33222

10. Field and Pool, or Exploratory Area

Sand Dunes; Bone Spring

11. County or Parish, State

Lea County NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete     | <input type="checkbox"/> Other          |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please see attached procedure.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Bridget Helfrich

Title Regulatory Analyst III

Signature

Bridget Helfrich

Date 5-17-12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SEP 19 2012

**DISTRICT I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**DISTRICT II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**DISTRICT III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**DISTRICT IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-33222</b>	Pool Code <b>53817</b>	Pool Name <b>SAND DUNES; DELAWARE, EAST</b>
Property Code <b>18039</b>	Property Name <b>BLUE QUAIL FEDERAL</b>	Well Number <b>1</b>
OGRID No. <b>143199</b>	Operator Name <b>ENERVEST OPERATING, LLC</b>	Elevation <b>3563'</b>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>O</b>	<b>7</b>	<b>23-S</b>	<b>32-E</b>		<b>660</b>	<b>SOUTH</b>	<b>1983</b>	<b>EAST</b>	<b>LEA</b>

**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 <b>40</b>	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

1				
45.96 AC. 2	GEODETIC COORDINATES NAD 27 NME  SURFACE LOCATION Y=478303.4 N X=692215.6 E  LAT.=32.313439° N LONG.=103.711152° W			
45.98 AC. 3				
45.98 AC. 4	DETAIL 			
46.00 AC.				

**OPERATOR CERTIFICATION**

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.

Signature: BART TREVINI Date: 8/29/12

Printed Name: BART TREVINI

E-mail Address: BTREVINI@ENERVEST.NET

**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.

AUGUST 1, 2012

Date of Survey

Signature & Seal of Professional Surveyor:

Certificate Number: 3239 Date: 08/27/2012

Professional Name: Ronald J. Eidson

ACR: JWSC W.O.: 12.11.1311

**Blue Quail #1**  
**Sand Dunes**  
Abandon Avalon Sand and Re-Complete Well In Brushy Canyon  
with 3 Stage Frac  
Lea County, NM  
5/11/2012

**Well Data:**

Location:	660' FSL & 1980' FEL Section 7, T-23-S, R-32-E
GR:	3559'
TD:	8850'
Surface Casing:	13-3/8" 48# H-40 @ 850' Cmt w/ 600 sx (circ)
Intermediate Casing:	8-5/8" 32# J-55 @ 4527' Cmt w/ 1600 sx (circ)
Production Casing:	5-1/2" 17# J-55 @ 8,849' (41 jts of N-80) Cmt w/ 450 sx DV tool @ 6,844', cmt w/ 900 sx (TOC @ 380' - CBL)  Capacity: 0.0233 bbl/ft Burst (80% of K-55): 4,257 psi
Current PBTD:	8,810'
Perfs:	8,646'-8,666' (Avalon Sand, 32 holes, Producing)  8,319'-8,337' (Brushy Canyon, 20 holes, Abandoned 2000)
Production Tubing:	2-7/8" 6.5# J-55 EUE 8Rd 2-7/8" 6.5# J-55 capacity = 0.0058 2-7/8" X 5-1/2" 17# annular volume = 0.0152 bbl/ft

**Procedure:**

1. Clean Location; Test anchors.
2. MIRU workover unit; MIUL tag joints.
3. If necessary, kill well with 2% KCl...keep kill truck on location as needed.
4. POOH w/ rods and pump; carefully inspect for any buildup and/ or rod damage; LD and replace any bad rods; R&R pump.
5. NDWH, NUBOP and test.

6. Unseat TAC and lower tubing to tag for fill; Note # of jts to tag; POOH, tally tbg and note tag depth.
7. RU Scanner and scan tubing while POOH. LD all red and green jts (do not paint red & green jts!).
8. PU CIBP and RIH to 8,600' and set. Dump ~~20'~~<sup>35'</sup> cement on top. Test.
9. POOH and LD tubing.
10. MIRU wireline. RIH w/ perf guns and perf from 8,319'-8,500'.
11. POOH w/ guns and RD wireline. Verify that guns fired.
12. RU Frac crew.  
Frac stage 1 according to service company recommendation.
13. RU wireline. RIH and set CBP @ 8,250'. Perf from 7,693'-8,125'.
14. POOH w/ guns and RD wireline. Verify that guns fired.
15. Frac stage 2 according to service company recommendation.
16. RU wireline. RIH and set CBP @ 7,600'. Perf from 7,228'-7,445'.
17. POOH w/ guns and RD wireline. Verify that guns fired.
18. Frac stage 3 according to service company recommendation.
19. RDMO frac crew and wireline.
20. MIRU workover rig and work string. ND frac valve and NU BOP and function test. PU 4-3/4" bit and bit sub on 2-7/8" production string. RIH.
21. RU reverse unit and power swivel.
22. Drill out frac plugs. Clean out to 8,575' +/- PBTD.
23. POOH and LD BHA.
24. PU & RIH w/ 3-1/2" BPMAJ, perf sub, SN, and tubing.
25. NDBOP, NUWH.
26. RIH w/ gas anchor, pump, and rods. Space out, hang on, load and test. Ensure good pump action. RDMO.

**Blue Quail Fed 1**  
**30-025-33222**  
**Enervest Operating, LLC**  
**Conditions of Approval**

1. Contact BLM 575-393-3612 (Lea County) a minimum of 24 hours prior to setting CIBP above perforations.
2. 35 feet of class H cement must be bailed on top of CIBP at 8600'.
3. Surface disturbance beyond the originally approved pad must have prior approval.
4. Closed loop system required.
5. Operator to have H2S monitoring equipment on location as H2S has been reported from wells in the area.
6. Subsequent sundry and completion report required.

**CRW 071012**

