

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
May 27, 2004

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

WELL API NO. 30 - 025 - 37625
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LC 067715
7. Lease Name or Unit Agreement Name Antelope Ridge Unit (Unit 891008492B)
8. Well Number 012
9. OGRID Number 233545
10. Pool name or Wildcat Antelope Ridge; Morrow (Gas) 70440

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

BOLD ENERGY, LP

3. Address of Operator

415 W. Wall, Suite 500 Midland, Texas 79701

4. Well Location

Unit Letter **A** : **990** feet from the **North** line and **660** feet from the **East** line

Section **33** Township **23S** Range **34E** NMPM County **Lea**

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

3484' GR

Pit or Below-grade Tank Application ☐ or Closure ☐ (N/A)

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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 ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: **Bottom Hole Pressure Survey / Frac Treatment** ☒

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.

11/17/06: Ran BHP gauges for 100 hour build-up. Final BHP = 2,591 psi. **12/16/06:** Frac'd Morrow "C" interval (13,291' - 13,296') via 2-3/8" x 4-1/2" annulus. Placed 20,745 lbs 20/40 CarboProp from 1 to 7.5 ppa using 30# Lightning fluid system. Load to recovery from frac = 652 bbls. APR = 11.7 bpm. ATP = 7,585 psi. ISIP = 4,295 psi. FG = 0.762 psi/ft. Immediately began flowing well up tubing while pumping nitrogen down annulus. Well kicked off flowing to test tank. **12/18/06:** Turn well back to sales. **1/22/07:** Ran BHP gauges for 58 hour build-up. Final BHP = 2,556 psi.


Current wellbore diagram attached.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE  TITLE Operations Engineering Manager DATE 11 / 14 / 07

Type or print name Shannon L. Klier E-mail address: shannon.klier@boldenergy.com Telephone No. 432 / 686-1100

For State Use Only

APPROVED BY:  TITLE OCD DISTRICT SUPERVISOR/GENERAL MANAGER DATE FEB 07 2008
Conditions of Approval (if any):

BOLD ENERGY, LP**Antelope Ridge Unit #12**

WI: 50.0%
Elevation: 3,495
KB: 18
Meas. TD: 13,450'
TVD: 13,450'
PBD: 13,398' (FC)
Zone: Morrow

NRI: 42.5%
API: 30-025-37625
Surface Location 990' FNL & 660' FEL
Legal Description Section 33 - T23S - R34E
Field: Antelope Ridge
County: Lea County
State: New Mexico

Casing	Hole	Weight	Grade	Top	Bottom	Burst	80% Burst	TOC
20"				0'	40'			
13-3/8"	17-1/2"	48#	H-40	0'	730'	1730	1384	Surface (circ)
9-5/8"	12-1/4"	40#	J-55 / K-55	0'	4,800'	3,950	3160	Surface (circ)
7"	8-3/4"	26#	P110	0'	11,905'	9,960	7968	4,450' (TS)
4-1/2"	6-1/8"	13.5#	P110	0'	13,444'	12,410	9928	11,530' (CBL)

Date	Event
6/22/2006	Spud
8/23/2006	Rig Release
9/5/2006	Perforated Morrow 'D' 13,348' - 13,354' w/ 3-1/8" casing guns at 3 spf, 120° phasing, 0 46" EHD Frac'd Morrow 'D' with 8,262 lbs 20/40 CarboHSP at 8 ppa using 35# Lighting fluid Screened out to 9,600 psi placing 8,262 lbs out of 30,000 lbs Load to recover from frac = 350 bbls APR = 17.3 bpm ATP = 3,695 psi ISIP = 9,220 psi 15 min SIP = 6,895 psi Dressed off proppant plug with CT Tagged plug high Cleaned out an additional 40' w/CT. Attempted to set frac plug Did not fire. While POOH plug hung up at 6,200' POO rope socket. MIRU pulling unit and foam air unit. Drilled CBP at cleaned out to PBTD Cleaned out to CIBP with completion rig and foam air unit. Set frac plug at 13,324' Perforated Morrow 'C' 13,291' - 13,296' w/ 3-1/8" casing guns at 3 spf, 120° phasing, 0 46" EHD Performed Nitrogen breakdown on Morrow 'C' interval Breakdown occurred at 7,200 psi with 230,000 scf N2 pumped Pressure stabilized at 5,880 psi at 18,000 scfm Pumped 950,000 scf total Pavg = 6,300 psi at 18,000 scfm ISIP = 5,620 psi FG = 0.505 psi/ft 20 min SIP = 2,850 psi 9/20/2006 WL set packer with plug in place Ran 2-3/8" tubing and attempted to pull equalizing prong Could not pull prong Could not pull from rope socket Dropped cutter bar Shot holes at bottom of tubing string to equalize Released packer and POOH with all 9/24/2006 Ran tubing in open-ended to 13,273' with 2-3/8" STD SN on bottom Swabbed well to kick off flowing Put well to sales. 11/17/2006 Ran BHP gauges for 100 hr buildup Current average reservoir pressure = 2,591 psi 12/16/2006 Frac'd Morrow 'C' with 20,745 lbs 20/40 CarboProp at from 1 to 7.5 ppa using 30# Lighting fluid. Load to recover from frac = 652 bbls APR = 11.7 bpm ATP = 7,585 psi ISIP = 4,295 psi FG = 0.762 psi/ft Immediately began flowing well up tubing while pumping N2 down annulus Well kicked off flowing to test tank Returned to sales on 12/18/06 1/22/2007 Ran BHP gauges for 58 hour buildup Average reservoir pressure = 2,556 psi

Surface Casing
13-3/8" set at 730'

Intermediate Casing
9-5/8" set at 3,950'

TOC at 4,450' (TS)

TOC at 11,530' (CBL)

Milled window 11,749' - 11,761'

Whipstock plug at 11,749' - 11,761'
Oriented North

Production Casing
7" set at 11,905'

Production Tubing
2-3/8" 4.7# N-80 w/ 2-3/8" STD SN at 13,273'

Morrow 'C' perforations
13,291' - 13,296'

Flow-thru Frac Plug at 13,324'

Morrow 'D' perforations
13,348' - 13,354'

PBTD at 13,390' (CIBP)

Production Casing
4-1/2" set at 13,444'

TD at 13,450'