OCD-HOBBS

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
NM021422

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
91008492C

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

8. Well Name and No.
Antelope Ridge Unit #4

2. Name of Operator **BOLD ENERGY, LP**

9. API Well No.
30-025-21037

3a Address
415 W. Wall, Suite 500 Midland, Texas 79701

3b. Phone No. *(include area code)*
432-686-1100

10. Field and Pool, or Exploratory Area
Antelope Ridge (Atoka)

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
990' FNL & 2310' FEL Section 4 - T24S - R34E (Unit Letter B)

11. County or Parish, State
Lea County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☑ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Drill out CIBP, stimulate & return to producing status.**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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 site is ready for final inspection.)

BOLD ENERGY, LP proposes to remove CIBP from this temporarily abandoned wellbore, stimulate the existing Atoka perfs between 12,160' - 12,636' and return well to producing status. Please see attached workover prognosis for details of proposed work.

Operations will commence on March 1, 2006 and are expected to require 15 - 20 days to complete.

Operator's Bond No. NMB000314

APPROVED
MAR 2 2006
LES BABYAK
PETROLEUM ENGINEER

Received
Hobbs
OCD

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **D. C. Dodd / Sierra Engineering** Title **Agent for BOLD ENERGY, LP**

Signature D C Dodd Date 2/28/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

GWW

BOLD ENERGY LP

Atoka Re-Entry

Antelope Ridge Unit #4

990' FNL & 2310' FEL, Sec 4-T24S-R34E
Antelope Ridge Field
Lea County, New Mexico

Well Status: Well was TA'd in 1996 with a "Plugwell" CIBP set at 11,240 ft in the 5-1/2" 17# Int CSG, and with a 10-ft joint of 2-7/8" tubing and a tree. Well contains 8.7 # Treated Brine. Reservoir pressure was last measured to be 5515 psi at 12,200 ft (MWE 8.7 lb/gal)

See Attached Wellbore Schematic

1. Re-Establish road and clear location as required. Install rig anchors as required.
2. All fluids used will be contained in steel pits or test tanks. Avoid any spills. Immediately report all spills to Donny Money at 432-661-8803.
3. Clean out cellar and install pressure gauges on B-Section and Tree. Report pressures.
4. MI Test Tank and RU flowline to well. Bleed off any pressure to Tank noting any fluid recovery.
5. Truck in +/- 11,500 ft of 2-7/8" 6.5# N80 work string.
6. MIRU service rig and steel pit. ND Tree and lay down 10-ft joint of 2-7/8" tbg. NU 5K BOPE. Set RU Reverse Unit and PU Drill Collars with mill or mill shoe as required for cutting over CIBP.
7. PU mill and DCs and TIH to CIBP at 11,240 ft. Mill past slips until plug moves. PU 1 jt and circulate well to clean 8.7# Brine treated with 2 gpt surfactant noting any gas returns. TOOH with workstring and mill.
8. TIH to fish CIBP body and TOOH.
9. PU polishing assembly and TIH to liner top at 11,296. Polish PBR at 11,305 ft. TOOH laying down 2-7/8" work string.
10. Truck in 11,300 ft of 3-1/2" 9.2# N80 work string and a 3-1/2" 10K psi Rental Tree.
11. PU seal assembly on 2-7/8" joint and 2-7/8" x 3-1/2" XO and TIH on 3-1/2" work string. Locate and sting into PBR. Pull up one joint and pickle the tubing with 350 gals 7.5% HCL Acid. Reverse the well clean to 8.7# Brine. Locate up on PBR and space out for 30K lbs compression. ND BOPE and NU 3-1/2" Tree. Pressure test casing to 1250 psi for 15 minutes.
12. MIRU frac equipment with **9,000 psi WP** rating for a **1.0** hour pump time at 28 BPM as follows:
    - 3-1/2" Tree Saver for 9.2# N80 Tubing
    - Annulus Pump for holding 1000 psi CSG Pressure with PRV set for 1200 psi.
    - Blender with **flowmeters** for chemical additives for 28 BPM.
    - Acid Transport with 5000 gals 15% HCL Acid with corrosion inhibitor and iron control
    - Prop unit carrying 26,000 lbs of 30/50 CarboProp (SG = 3.25)
    - **6350 HHP**: equivalent to 4 each Frac Pump Units each rated to 7 BPM at **9,200.**
    - Standby HHP: equivalent to 2 each Frac Pump Units each rated to 7 BPM at **9,200 psi**
    - Computer Monitoring Vehicle with following data displayed and recorded:
    - **Two** treating-line Pressure Transducers, Annulus Transducer, D/S Densiometer.
13. Prime up pumps and lines back to the frac tank and verify flowmeter agreement. **Pressure Test** lines against TreeSaver Valve to **11,000 psi** for 5 minutes. An acceptable test will have a final bleed rate of less than **75 psi/min**. **Hold Safety Meeting**. MAX ALLOWABLE PRESSURE IS 10,000 psi.

BOLD ENERGY LP

Atoka Re-Entry

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Antelope Ridge Field
Lea County, New Mexico

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13. Prime up pumps and lines back to the frac tank and verify flowmeter agreement. **Pressure Test** lines against TreeSaver Valve to **11,000 psi** for 5 minutes. An acceptable test will have a final bleed rate of less than **75 psi/min**. **Hold Safety Meeting**. MAX ALLOWABLE PRESSURE IS 10,000 psi.

14. Open TreeSaver Valves and note SITP. Pressure CSG to 1000 psi. Begin pumping SlickWater at 8 BPM until a break is observed. Work the rate up to 28 BPM or 9200 psi (whichever comes first). Perform fracturing treatment per the schedule below.

FLUID	VOLUME, GALS	RATE, BPM	STAGE BBLS	STAGE TIME
ESTABLISH RATE	10000	8 TO 28 BPM	238	AS REQUIRED
SLICKWATER PAD	10,000	28	238	8.5 MIN
15% HCL ACID	4,000	16	95	6.0
SLICKWATER PAD	10000	28	238	8.5
0.25 PPA 30/50 ISP	10000	28	240	8.6
SLICKWATER PAD	10000	28	238	8.5
0.50 PPA 30/50	16000	28	243	8.7
SLICKWATER PAD	10000	28	238	8.5
0.75 PPA 30/50 ISP	20000	28	245	8.7
SW FLUSH	5000	28	120	

15. Displace the well to SlickWater as dictated by well conditions. **Do not exceed a maximum allowable pressure of 9,500 psi. Shut down and monitor the pressure decline for 15 minutes.**

16. Immediately RDMO frac company and begin flowing back well on a **18/64**" positive choke. Change out choke bean as required to maintain a liquid recovery rate of 60-80 BW/HR.

17. Flow test the well as required recording fluid volumes and pressures on an hourly basis. Fax in the flowback sheets along with the daily report.

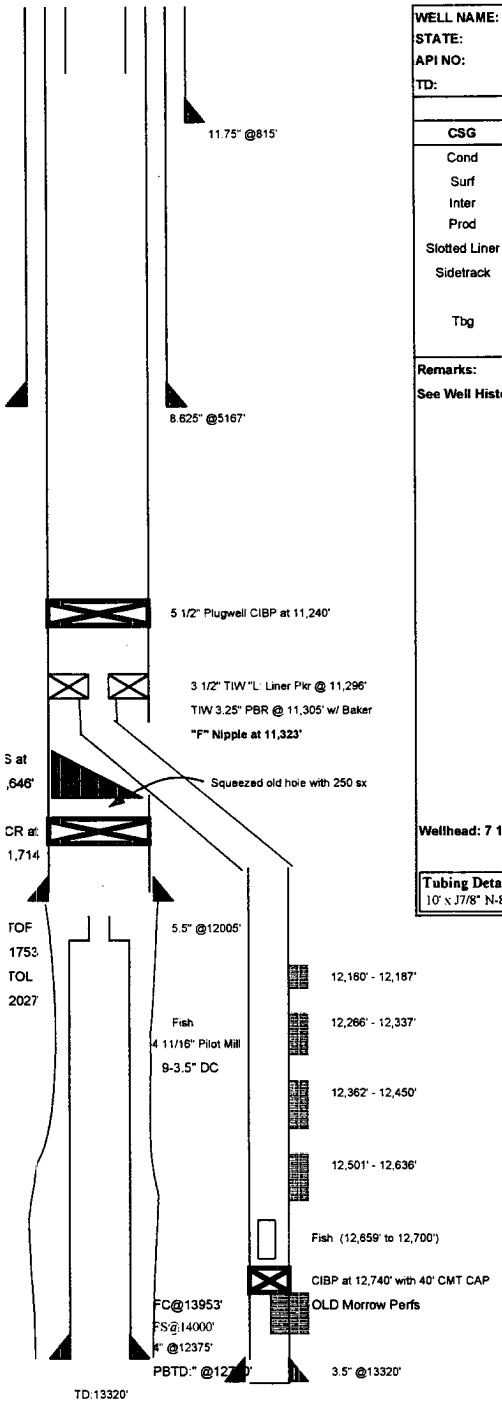
18. If the well loads up and dies, ND 3-1/2" Tree and NU BOPE. Sting out of PBR and TOOH with 3-1/2" work string. PU seal assembly and TIH on 2-7/8" production string. Reverse in packer fluid with corrosion inhibitor. Sting into PBR and space out for 12K lbs compression. ND BOPE and NU 2-7/8" production tree.

19. Swab well in to kick off flowing. Flow well to the tank until rate stabilizes.

20. Once rates stabilize, turn well over to production.

Bold Energy, LP

Updated: 11/9/05



WELL NAME:	Antelope Ridge #4	**FIELD:** Antelope Ridge		**LSE#:**	
STATE:	New Mexico	**COUNTY:** Lea		**LOCATION:** 4-24S-34E	
API NO:	30-025-21037	**SPUD DATE:**		**FORMATION:** Atoka	
TD:	13320'	**PBTD:** 12720'		**ELEVATION:** 3550' KB (13')	

PIPE RECORD

CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS
Cond							
Surf	11.750"	H-40/J-55		42.00#	0'	815'	
Inter	8.625"	J-55		32.00#	0'	5167'	
Prod	5.500"	N-80/J-55		17.00#	0'	12005'	
Slotted Liner	4.000"	J-55		11.60#	11753'	12375'	
Sidetrack	3.500"	N-80	FL-4S	9.30#	11296'	13320'	
Tbg	2.875"	N-80		8.70#	0'	10'	1

CEMENT & HOLE DATA

BIT SIZE	DEPTH	SX	WT.	TOC
15.000"		530		Surf
11.000"		400		3800'
7.875"		500		9500'
4.750"				
4.750"		150		11296'

Remarks:

See Well History for perforation history.

Wellhead: 7 1/16" 5k Flange

Tubing Detail As Of 4/2/0:
10' x J7/8" N-80 Tbg sub with Collar

CAPACITIES	(bbl/ft)	(ft/bbl)	(cf/ft)
TBG: in. #			
CSG: 4 in. 11.6#			
CSG: 3.5 in. 9.3#	.00870	114.94	.04885

VOLUME BETWEEN	(bbl/ft)	(ft/bbl)	(cf/ft)
TBGxCSG:			
TBGxCSG:			
CSGxHOLE:			
TBGxHOLE:			
TBGxHOLE:			

PERFORATION RECORD

DATE	TOP	BTM	ZONE	STATUS	SPF

SRC WI%:

LOGS:

LANDMAN: **GEOLOGIST:**

TUBULAR GOODS PERFORMANCE

Material	ID (in)	Drift (in)	Collapse* (psi)	Burst* (psi)	Tensile* (lbs)
11.75" H-40/J-55 42#	11.084		1,040	1,980	478,000
8.625" J-55 32#	7.921	7.796	2,530	3,930	417,000
5.5" N-80/J-55 17#	4.892	4.767	4,910	5,320	272,000
4" J-55 11.6#	3.476		6,590	6,300	
3.5" N-80 FL-4S 9.3#	2.992		10540	10160	

* Safety Factor Not Included

PREPARED BY: John B. Blevins III

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