

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Bold Energy, LP 415 W. Wall Street, Suite 500 Midland, Texas 79701		² OGRID Number 233545
³ Property Code 301997		³ API Number 30 - 025-28863
⁴ Property Name Antelope Ridge Unit		⁶ Well No. 9
⁹ Proposed Pool 1 Antelope Ridge (Morrow)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. P	Section 33	Township 23S	Range 34E	Lot Idn	Feet from the 1285	North/South line South	Feet from the 660	East/West line East	County Lea
---------------------------	----------------------	------------------------	---------------------	---------	------------------------------	----------------------------------	-----------------------------	-------------------------------	----------------------

⁸ Proposed 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
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary N/A	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3392'
¹⁶ Multiple NO	¹⁷ Proposed Depth 13,415'	¹⁸ Formation Morrow	¹⁹ Contractor Basic Energy Services	²⁰ Spud Date 11/3/05
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____				
Closed-Loop System <input type="checkbox"/> None required for workover. Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	94#	442'	9300	Surface
17½"	13 3/8"	61 - 68#	5156'	2100	Surface
12¼"	9 5/8"	47#	11,665'	1600	7700'
8½"	7 5/8"	33.7#	11,378' - 13,968'	500	Circ'd liner
6½"	5½" liner & tieback	17 - 20#	0 - 15,650'	1200-liner, 575-tieback	9500'

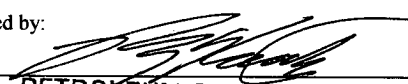
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Current Completion: 17,787' TD 14,703' PBD Perfs = Devonian 14,646' - 14,671'

Propose to:

- (1) MIRU Well Servicing Unit, kill well and install double ram, 10K psi BOPE. POH w/ production equipment.
- (2) P&A existing Devonian zone with a CIBP set @ approx 13,450' and capped with 35' cement.
- (3) Perforate Morrow from 13,262' - 13,286' with 3 SPF = 72 holes. Set pkr on WL @ aprox 13,220'. Run combination 2 7/8" & 3½" tbg string.
- (4) Breakdown Morrow perfs and capture stimulation design data. Release Well Service Unit and flow test well to sales line until stimulation design is completed and frac equip is available.
- (5) Frac Morrow and return to production.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Dan C. Dodd		Approved by: 	
Title: Agent for Bold Energy, LP		Title: PETROLEUM ENGINEER	
E-mail Address: ddodd@sierra-engineering.net		Approval Date: NOV 03 2005 Expiration Date:	
Date: October 24, 2005	Phone: 432 / 683-8000	Conditions of Approval Attached <input type="checkbox"/>	

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-28863	² Pool Code 70440	³ Pool Name Antelope Ridge (Morrow)
⁴ Property Code LC 067713 Unit 891000492B	⁵ Property Name Antelope Ridge Unit	⁶ Well Number 9
⁷ OGRID No. 233545	⁸ Operator Name Bold Energy, LP	⁹ Elevation 3392'

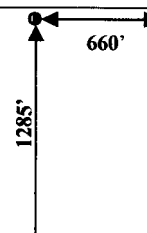
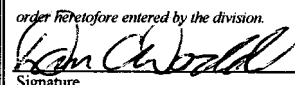
¹⁰ Surface Location

UL or lot no. P	Section 33	Township 23S	Range 34E	Lot Idn	Feet from the 1285	North/South line South	Feet from the 660	East/West line East	County Lea
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	---------------

¹¹ 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
¹² Dedicated Acres 320	¹³ Joint or Infill N	¹⁴ Consolidation Code U	¹⁵ Order No. R-2787						

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.

¹⁶					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  Signature October 24, 2005 Date Dan C. Dodd Printed Name
					¹⁸ SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number