

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.  
 30-015-35696  
 5. Indicate Type of Lease  
 STATE  FEE   
 6. State Oil & Gas Lease No.  
 36597

**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  **NOV 08 2007**

2. Name of Operator **Bold Energy, LP** **OCD-ARTESIA**

3. Address of Operator **415 West Wall Street, Midland, TX 79701**

7. Lease Name or Unit Agreement Name **Humble Grace Com**

8. Well Number **2**

9. OGRID Number **233545**

10. Pool name or Wildcat **Carlsbad; Marrow, South**

4. Well Location  
 Unit Letter   I   :   1980   feet from the   S   line and   330   feet from the   E   line  
 Section   3   Township   23S   Range   26E   NMPM County   Eddy  

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
  3281' GL  

Pit or Below-grade Tank Application  or Closure   
 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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <u>  Change of Location  </u> <input checked="" type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

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.

**Bold Energy LP respectfully request permission to change location from off lease location to on lease location.**

**Bold Energy LP request to move the surface location from off lease 1980' FSL and 330' FEL in section 3 to on lease 1980' FSL and 660' FWL in section 2, Township 23S Range 26E, Eddy Co. NM.**

**Enclosed is a new drilling prognosis and a new C-102.**

*Operator in contact w/ City of Carlsbad re Ordinance*

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 *[Signature]* TITLE   Agent For Bold Energy   DATE   11/7/07  

Type or print name **BRYAN G. ARRANT** E-mail address: \_\_\_\_\_ Telephone No. \_\_\_\_\_  
**For State Use Only** **DISTRICT II GEOLOGIST**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **NOV 28 2007**

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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-35696</b>	Pool Code	Pool Name <b>Carlsmad; Marrow, South</b>
Property Code	Property Name <b>HUMBLE GRACE COM</b>	Well Number <b>2</b>
OGRID No. <b>233545</b>	Operator Name <b>BOLD ENERGY, LP</b>	Elevation <b>3274'</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
L	2	23 S	26 E		1980	SOUTH	660	WEST	EDDY

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>320</b>	Joint or Infill	Consolidation Code	Order No.
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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

<p><b>SURFACE LOCATION</b>          Lat - N32°19'55.11"          Long - W104°16'12.44"          SPC- N.: 484504.701          E.: 560863.442          (NAD-83)</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>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 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.</p> <p><i>[Signature]</i> 11/7/07          Signature Date          Duane Wayne Moore Agent for          Printed Name <b>BOLD ENERGY</b></p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>JULY 16 2007          Date Surveyed  <i>[Signature]</i>          Signature            Certificate No. Gary L. Jones 7977</p> <p>Project Area = 320 acres</p> <p>BASIN SURVEYS</p>

# Drilling Prognosis

July 21, 2007

Operator: **BOLD ENERGY, LP** Field: **Carlsbad; Morrow, South (Pro Gas)**  
 Well: **Humble Grace Com #2** API: **30 - 015 - 35696**  
 APD: **NMOCD Approval: Pending** AFE: **Pending**

## General Information

Location: 1980' FSL & 660' FWL UL "L" Sec 2 - T23S - R26E Eddy County, NM

Elevation: 3274' GL TD: 11,950' RKB: 18.0'

Objectives: Middle Morrow Sds 11,540' - 11,590' 11,615' - 11,620'  
11,650' - 11,660' 11,675' - 11,685'  
Lower Morrow Sds 11,730' - 11,740' 11,840' - 11,850'

Contractor Office: 432 / 550-7808 Supt: Don Nelson (664-9990)

Toolpushers: Roy Brumfield / Martin Alvarado Cell: 432 / 664-9942

Sierra Supervisors: Tony Vickery / Greg Fore Cell: 432 / 557-1223 Trailer

## Drilling Program

Hole Size	Depth	Casing	Weight	Grade	Connect	Cement	TOC
17½"	500'	133/8"	48	H-40	STC	550 sx	Surface
12¼"	1900'	95/8"	36	J-55	STC	850 sx	Surface
8¾"	8700'	7"	26	P-110	LTC	1100 sx	1700'
61/8"	11,950'	4½"	13.5	P-110	LTC	280 sx	8500'

## Wellhead / BOPE

Wellhead	135/8" - 3K SOW	13 5/8" - 3K x 11" - 5K	11" - 5K x 7 1/16" - 10K
BOPE	135/8" - 5K Stack SRRAG	135/8" - 5K Stack SRRAG	7 1/16" - 10K SRRRAG

## Mud Program

Interval	Type	MW	VIS	FL
0' - 500'	FW - Spud	8.4 - 8.8	29 - 40	NC
500' - 1900'	Brine	8.4 - 10.2	29 - 32	NC
1900' - 8700'	FW - Cut Brine	8.4 - 9.0	29	NC
8700' - 10,300'	Cut Brine	9.0 - 9.5	29	NC
10,300' - 11,950'	Cut Brine / Starch - Polymer	10.0 - 10.5	34 - 40	6 - 8

Company: NOVA MUD, INC. 432 / 570-6663 Office: Dale Welch / Tech Advisor 432 / 557-1228  
 Engineer: Rick Rippy 505 / 631-9597 Warehouse: 800 / 530-8786

**Geological Data**

**Geologist:** John Worrall 505 / 622-5893 office 432 / 230-9431 cell 505 / 622-2768 home

**Projected Formation Tops: (TVD w/ GL = 3281')**

Formation	MD	Formation	MD	Formation	MD
Delaware	1777'	3 <sup>rd</sup> BS Lime	6810'	Mid Mrw Sds	11,615' - 20'
Cherry Canyon	2610'	3 <sup>rd</sup> BS Sand	8310'	Mid Mrw Sds	11,650' - 60'
B. Manzanita	2710'	Wolfcamp	8706'	Mid Mrw Sds	11,675' - 85'
Bone Springs LS	5160'	Strawn	10,417'	L. Mrw Sds	11,730' - 40'
1 <sup>st</sup> BS Sand	6130'	Atoka	10,924'	L. Mrw Sds	11,840' - 50'
2 <sup>nd</sup> BS Lime	6380'	Morrow	11,380'	Barnett	11,870'
2 <sup>nd</sup> BS Sand	6630'	Mid Mrw Sds	11,540' - 90'	TD	11,950'

**Logging - Coring - Testing Program**

**Mud Logs:** 1900' to TD **Mud Logger:** WOODCO Logging / Paul Amancio 505 / 361-2300

**Phone:** Jim Wood 505 / 887-2469 office 505 / 361-3059 cell

**Internet Access:** www.woodcologging.com **User:** ID woodco103 **Password:**

**DST / Coring Intervals:** None Anticipated

**E-Log Suite:** Triple Combo w/ GR NGT from TD to 7" shoe - pull GR-N surface. RFT's and/or SWC's may be taken in zones of interest. Note: not planning to log at intermediate casing points.

**Logging Company:** Halliburton

**Contact:** Richard Kelley

**Location:** Hobbs, New Mexico

**Phone:** 505 / 914-0324 cell 505 / 392-0776 office

**Completion**

4½" production casing set from 0' - TD. A single completion in the Morrow is expected - selectively perfed and fraced down casing. Completion procedure to follow evaluation of drilling results and open hole logs.

**Notifications / Area Contacts**

Sierra Engineering	Drilling Superintendent	Russ Ginanni	432 / 425-7450 cell 432 / 683-8000 off
Bold Energy, LP	Operations Engineering Manager	Shannon Klier	432 / 296-8602 cell 432 / 686-1100 off
Bold Energy, LP	Production Supt.	Donny Money	432 / 661-8803 cell 432 / 686-1100 off
Sierra Engineering	HSE Manager	Montie Low	432 / 559-8950 cell 432 / 683-8000 off
NMOCD	District 2 - Artesia	Notifications - Office After Hours	505 / 748-1283 505 / 748-1283 ext 104

**Directions**

From the intersection of US Highways 62/180 and CR 765 (1) go west on CR 765 for 1.0 mile to lease road; (2) turn south (left) onto lease road for 0.7 mile as it winds to the west; (3) continue on lease road for 1.9 miles as it winds northeast until intersecting new newly constructed road; (4) follow new road approx 0.3 mile into location.