

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

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

1. Operator Name and Address BOLD ENERGY, L.P. 415 WEST WALL MIDLAND , TX 79701		2. OGRID Number 233545
		3. API Number 30-025-37919
4. Property Code 35737	5. Property Name EZEKIEL STATE	6. Well No. 001

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	4	16S	35E	13	1650	N	980	W	LEA

**8. Pool Information**

TOWNSEND;MORROW (GAS)	86400
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**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4025
14. Multiple N	15. Proposed Depth 12000	16. Formation Morrow	17. Contractor	18. Spud Date 6/2/2006
Depth to Ground water 56		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ mils thick Clay <input type="checkbox"/> Pit Volume: 12000 _____ bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.38	48	450	400	
Int1	11	8.58	32	4530	1350	
Prod	7.78	4.5	13.5	12000	2200	4300

**Casing/Cement Program: Additional Comments**

Drill 17 1/2" hole to 450' using FW spud mud. Set 13 3/8" casing and cement to surface w/400 sx Class "C" w/2% CaC12. If necessary, use 1" tbg for top job to bring cement to surface. Install BOP and test BOP & csg to 1000 psi. Drill 11" hole to 4530' w/brine and sweeps. Set 8 5/8" casing and cement with 1150 sx 50:50 Poz, class "C" w/10% gel, 1.5% salt, 0.1 FLA, 0.2% dispersant, 0.2% anti-foamer and 0.1pps of cell-flake/sk followed by 200 sx Class "C" neat. If necessary use 1" tbg for top job to bring cement to surface. Installnad test BOP to 3000' psi, test casing to 1500 psi. Drill 7 7/8" hole to 9500' w/FW & cut brine and from 9500' to 12,000' TD w/Cut Brine/Polymer & Starch, adjusting MW-VIS-WI as needed to maintain hole stability and well control (expected max MW = 8.4-9.0) Run open hole logs and set 4 1/2" production casing at TD and cement with 1350 Sx 50:50 POZ-Class "H" retarder. (note adjusts due to actual hole conditions may be made; slurry volumes and additives

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5	unknown
DoubleRam	10000	10	unknown

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 NMOCB guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCB-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Peggy Kerr Title: Vice President Email Address: peggy.kerr@boldenergy.com Date: 6/6/2006	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 6/9/2006	Expiration Date: 6/9/2007
	Conditions of Approval Attached	

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
811 South First, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999

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

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name EZEKIEL STATE	Well Number 1
OGRID No.	Operator Name BOLD ENERGY	Elevation 4040'

Surface Location

UL or lot No. LOT 5	Section 4	Township 16 S	Range 35 E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 980	East/West line WEST	County LEA
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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		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

				<b>OPERATOR CERTIFICATION</b>  <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature _____  Printed Name _____  Title _____  Date _____					
<b>SURVEYOR CERTIFICATION</b>  <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 Surveyed _____ Signature & Title of Professional Surveyor _____									
Certificate No. Gary L. Jones 7977									
1/4 COR LOT 13		LOT 14		LOT 15		LOT 16		1/4 COR	

BASIN SURVEYS

## Permit Comments

Operator: BOLD ENERGY, L.P. , 233545

Well: EZEKIEL STATE #001

API: 30-025-37919

Created By	Comment	Comment Date
pkautz	operator reported depth to ground wate of 600 ft. State engineers indicates depth to ground water of 56 ft	6/6/2006

# Permit Conditions of Approval

Operator: BOLD ENERGY, L.P. , 233545

Well: EZEKIEL STATE #001

API: 30-025-37919

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
pkautz	prior to any pit construction notify Gary Wink at 505-393-6161 ext 114