Form C-101

Permit 45190

<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

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# State of New Mexico Energy, Minerals and Natural Resources

# **Oil Conservation Division**

# 1220 S. St Francis Dr.

# Santa Fe, NM 87505

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

1. Operat BOLD	2. OGRID Number 233545		
415 MIDL	3. API Number		
4. Property Code	5. Property Name OXY CHECKER STATE	6. Well No. 002	

/. Surface Location										-
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
Е	8	195	29E	Е	1980	N	660	W	EDDY	

#### 8. Pool Information

96072

			Additional Well Informati	on		
9. Work Type New Well	1	ell Type AS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3377	
14. Multiple	15. Prop	osed Depth	16. Formation	17. Contractor	18. Spud Date	
N	1	0100	Canyon		3/1/2007	
Depth to Grou	ind water		Distance from nearest fresh water we	11	Distance to nearest surface water	
110			> 1000		> 1000	
Pit: Liner: Synthetic Closed Loop Sy		mils thick		illing Method: esh Water 🛛 Brine 🗌 I	Diesel/Oil-based 🗌 Gas/Air 🗌	

## 19. Proposed Casing and Cement Program

			Statoposed Cusing		0	
Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	375	400	0
Intl	11	8.625	32	3000	1200	0
Prod	7.875	5.5	17	10100	800	2800

#### Casing/Cement Program: Additional Comments

BOP: 3000 psi double ram hydraulic preventer, annular and Rotating Head will be installed if deemed necessary by drilling conditions. An H2S Contingency Plan will be developed by Calaway Safety and hand delivered to NMOCD to include with filing.

#### **Proposed Blowout Prevention Program**

Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	SRRA

best of my knowledge and bel I further certify that the dri	nation given above is true and complete to the ief. Iling pit will be constructed according to neral permit , or an (attached) alternative	OIL CONSERVATION DIVISION Approved By:			
Printed Name: Electroni	cally filed by Peggy Kerr	Title:			
Title: Vice President		Approved Date:	Expiration Date		
Email Address: peggy.ke	err@boldenergy.com				
Date: 1/18/2007	Phone: 432-686-1100	Oil Cons	ervation Division		
		Case No. Exhibit N	No		

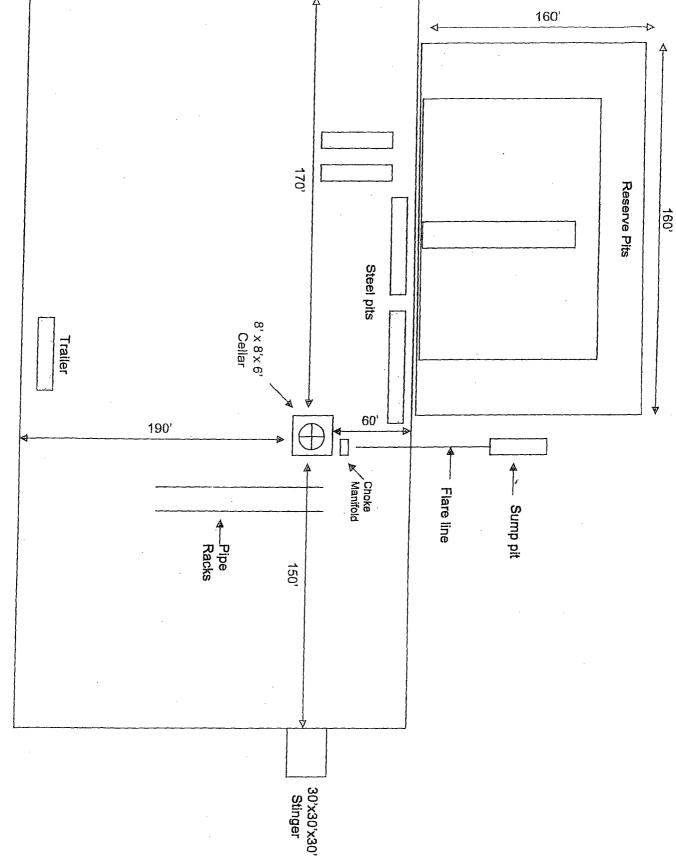
http://www.emnrd.state.nm.us/OCD/OCDPermitting/Report/

1/18/2007

## Operator: BOLD ENERGY, L.P., 233545 Well: OXY CHECKER STATE #002 API:

-4

Created By	Comment	Comment Date
PKERR	Drill 17½" to 375' using FW spud mud and set 13 3/8" surface casing w/ 400 sx Class " C" w/ 2% CaCl2 - cement to be circulated. If necessary, perform top job using 1" tbg to bring cement to surface. Install BOP, test BOP rams & casing to 1000 psi. Drill 11" hole to 3000' using brine w/ sweeps and set 8 5/8" intermediate casing w/ 600 sx 35:65 POZ - Class "C" cont'g 5% salt, 10% gel, 0.2% anti-foam & ¼ pps cello-flake followed by 200 sx Class "C" neat – cement to be circulated. If necessary, perform to surface. Install BOPE and test to 3000 psi (annula	1/18/2007
PKERR	Oxy USA shares this 320 acre standup proration unit with their well, Oxy Checker State Com #1, API 30-015-29463, 1650 FSL & 660 FWL. Certified notification was mailed 12/28/2006 to Oxy and the State Land Office. A protest from Oxy has been mailed to Will Jones with the NM OCD in Santa Fe. A hearing will be requested by Bold Energy.	1/18/2007
PKERR	Drill info continued (#2): (annular if used to 1500 psi) - test casing to 1500 psi. Drill 7 7/8 hole to 10,100' TD w/ FW & cut brine, adjusting MW - Vis - WL as needed to maintain hole stability and well control (expected max MW = 9.0 ppg). Run OH logs and set 5 1/2" prod casing @ TD and cement w/ TXI Lightweight cont'g 0.2% FLA, 0.2% dispersant and 0.4% retarder. Cement volume and additives to be adjusted to caliper log & hole conditions for TOC @ approx 2800'.	1/18/2007
PKERR	Pools listed by engineer: Turkey Track; Canyon and Turkey Track; Wolfcamp. Pools advised by OCD: Wildcat; Upper Penn (G) and Undesignated Wolfcamp (G)	1/18/2007



DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 DISTRICT II 1301 m. Grand Avenue, Artesia, NM 88210

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

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NH 87505 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

CI AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Nam OXY CHECKER	
OGRID No. 233545	Operator Nam BOLD ENERGY	1

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	8	19 S	29 E		1980	NORTH	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	Joint or	Infill Co	nsolidation C	ode Ord	ler No.		L	L	
320	J								

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

	320 AC.	T	OPERATOR CERTIFICATION
			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.
<del>6</del> 60' <b></b> ⊙	Lat - N32*40'38.0" Long - W104*06'12.0" (NAD-83)		<u>Signature</u> DENISE MENOUD, AGENT FOR BOLD ENERGY, LP. Printed Name
AKY'S			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 supervison and that the same is true and correct to the best of my belief.
660' #1 		 	JANUARY 3, 2007 Date Surveyer L. Signature & Scalary Professional Sile version
			Certificate No. GGTY L. Jones 7977 BASIN SURVEYS