

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 BC OPERATING, INC. P. O. BOX 50820 MIDLAND, TX 79710		2. OGRID Number 160825
		3. API Number 30-025-39690
4. Property Code 35729	5. Property Name ANGELL	6. Well No. 003

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	11	17S	36E	H	1650	N	660	E	LEA

8. Pool Information

LOVINGTON;PADDOCK	40660
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3827
14. Multiple N	15. Proposed Depth 6700	16. Formation Paddock	17. Contractor	18. Spud Date 3/1/2010
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic ☐ mls thick Clay ☐ Pit Volume: bbls Drilling Method: Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17	13.375	48	2025	500	
Int1	12.25	8.625	32	3500	500	1000
Prod	7.875	5.5	15.5	6700	750	3000

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	3M

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 ☐ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 2/22/2010	Expiration Date: 2/22/2012
	Conditions of Approval Attached	

Printed Name: Electronically filed by Pam Botkin	
Title: Engineering Tech	
Email Address: pbotkin@blackoakres.com	
Date: 2/16/2010	Phone: 432-684-9696

BASIN SURVEYS

Permit Comments

Operator: BC OPERATING, INC. , 160825

Well: ANGELL #003

API: 30-025-39690

Created By	Comment	Comment Date
DMULL	OCD Hobbs has received form C-144 "Pit Registration". OCD Permit Number P1-01772.	2/22/2010

Permit Conditions of Approval

Operator: BC OPERATING, INC. , 160825

Well: ANGELL #003

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OCD Reviewer	Condition
pkautz	surf casing must be set 25 feet below top of Rustler Anhydrite