

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 BOPCO, L.P. 6 DESTA DRIVE, STE 3700 MIDLAND, TX 79702		2. OGRID Number 260737
4. Property Code 37455		3. API Number 30-015-36736
5. Property Name INDIAN DRAW DEEP 7 COM		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
A	7	22S	28E	A	740	N	660	E	EDDY

8. Pool Information

CARLSBAD;MORROW, EAST (GAS)	73920
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3103
14. Multiple N	15. Proposed Depth 12480	16. Formation Morrow	17. Contractor	18. Spud Date 12/5/2008
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: 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	13.375	48	401	430	0
Int1	12.25	9.625	40	6081	1610	0
Prod	8.75	5.5	20	12480	225	10555
Prod	8.75	5.5	17	10555	1230	5500

Casing/Cement Program: Additional Comments

Surface Cement: Premium Plus + 2% CaCl Intermediate Cement: Lead Premium Interfill + 8 pps Gilsonite, Tail Super H + 5 pps Gilsonite + 3 pps Salt + 0.5% LAP-1 + 0.4% CFR-3 + 0.25 pps Defoamer + 0.25 pps Pol-E-Flake Production Cement (Two Stages): Lead Interfill H + 5 pps Gilsonite + 0.125 pps Pol-E-Flake + 0.5% Halad 9 + 0.3% HR-601 + Halad-9 (Low Fluid Loss Control) Tail Super H + 0.5% Halad 344 + 0.4% CFR3 + 5 pps Gilsonite + 1 pps Salt + 0.3% HR-601

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	HydriL
Blind	5000	5000	Cameron
Pipe	5000	5000	Cameron

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 type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCB-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Kent Adams Title: Manager Email Address: kaadams@basspet.com Date: 10/23/2008 Phone: 432-683-2277	Approved By: Tim Gum Title: District Supervisor Approved Date: 10/31/2008 Expiration Date: 10/31/2010

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 St. Francis Dr., Santa Fe, NM 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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 73920	Pool Name CARLSBAD EAST (MORROW)
Property Code	Property Name INDIAN DRAW DEEP "7" COM	Well Number 3
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3103'



Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	22 S	28 E		740	NORTH	660	EAST	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 320	Joint or Infill N	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

	<p>OPERATOR CERTIFICATION</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> 10/13/08 Signature Date</p> <p>STEPHEN M. MARTINEZ Printed Name</p>
	<p>SURVEYOR CERTIFICATION</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>SEPTEMBER 25, 2008 Date Surveyed</p> <p> 7977 Signature & Seal Professional Surveyor</p> <p>W.C. 10/13/08 Certificate No.</p> <p>7977 Certificate No. Gary L. Jones</p> <p>BASIN SURVEYS</p>

Permit Comments

Operator: BOPCO, L.P. , 260737

Well: INDIAN DRAW DEEP 7 COM #003

API: 30-015-36736

Created By	Comment	Comment Date
machilders	The well site and access road are both on privately owned land. BOPCO, L.P. has reached an agreement with the private surface owner as of 10/1/08. Surface Owner: Sammy and Elizabeth Clak – 1817 Thomason Drive, Carlsbad, NM, Ph. (575) 885-3280	10/23/2008
machilders	The closed loop system will be utilized to drill the subject well. No earthen pits will be used that require remediation. All solids and drill fluids will be hauled off location to Controlled Recovery Inc. located approximately 25 miles Northeast of Carlsbad, N.M.	10/23/2008
machilders	Depth of ground water is less than 50 feet. there is no surface water within 1000 feet and it is not in a wellhead protection area.	10/23/2008
machilders	No H2S is expected, however; in the event that H2S is encountered, a Hydrogen Sulfide Drilling Operations Plan as detailed in Exhibit "E" will be implemented.	10/23/2008
machilders	The BOP stack, when rigged up on surface casing, will be tested to 70% of interval yield of casing or 1000 psig whichever is less with the rig pumps.	10/23/2008