

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8181 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101
August 1, 2011
Permit 174703

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

1. Operator Name and Address LOGOS OPERATING, LLC 4001 N. Butler, Bldg 7101 Farmington, NM 87401		2. OGRID Number 289408
4. Property Code 40163		3. API Number 30-045-35518
5. Property Name ROADRUNNER		6. Well No. 004G

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	2	24N	08W	G	2199	N	1973	E	San Juan

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	2	24N	08W	G	2199	N	1973	E	San Juan

9. Pool Information

DUFERS POINT-GALLUP DAKOTA	19859
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 7345
16. Multiple N	17. Proposed Depth 7300	18. Formation Dakota Formation	19. Contractor	20. Spud Date 3/7/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	320	170	0
Prod	7.875	5.5	17	7300	1885	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	1500	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by DAVID PAUL GONZALES Title: VICE PRESIDENT OF OPERATIONS Email Address: dgonzales@logosresourcesllc.com Date: 3/7/2014	Approved By: Charlie Perrin Title: District Supervisor Approved Date: 3/10/2014 Expiration Date: 3/10/2016 Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 174703

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-35518	2. Pool Code 19859	3. Pool Name DUFERS POINT-GALLUP DAKOTA
4. Property Code 40163	5. Property Name ROADRUNNER	6. Well No. 004G
7. OGRID No. 289408	8. Operator Name LOGOS OPERATING, LLC	9. Elevation 7345

10. Surface Location

UL - Lot G	Section 2	Township 24N	Range 08W	Lot Idn G	Feet From 2199	N/S Line N	Feet From 1973	E/W Line E	County San Juan
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 168.60				13. Joint or Infill	14. Consolidation Code			15. 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

<table border="1" style="width: 100%; border-collapse: collapse; height: 150px;"> <tr><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px; background-color: #cccccc;"></td><td style="width: 25%; height: 40px; background-color: #cccccc;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px; background-color: #cccccc; text-align: center; vertical-align: middle;">■</td><td style="height: 40px; background-color: #cccccc;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>							■										<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>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(s) or has a right to drill this well at this 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.</i></p> <p>E-Signed By: DAVID PAUL GONZALES Title: VICE PRESIDENT OF OPERATIONS Date: 3/7/2014</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><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></p> <p>Surveyed By: John Wayne Date of Survey: 2/12/2014 Certificate Number: 9673</p>
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Form APD Comments
Permit 174703

PERMIT COMMENTS

Operator Name and Address: LOGOS OPERATING, LLC [289408] 4001 N. Butler, Bldg 7101 Farmington , NM 87401		API Number: 30-045-35518
		Well: ROADRUNNER #004G
Created By	Comment	Comment Date
whoppe		3/7/2014

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Form APD Conditions
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PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: LOGOS OPERATING, LLC [289408] 4001 N. Butler, Bldg 7101 Farmington , NM 87401		API Number: 30-045-35518
		Well: ROADRUNNER #004G
OCD Reviewer	Condition	
AHVERMERSCH	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	