

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 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
Revised July 18, 2013
Permit 168142

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
		3. API Number 30-039-31194
4. Property Code 310188	5. Property Name ENCHILADA	6. Well No. 002X

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	16	23N	06W	H	1933	N	662	E	RIO ARriba

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	16	23N	06W	H	1933	N	662	E	Rio Arriba

9. Pool Information

COUNSELORS GALLUP-DAKOTA	13379
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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 6887
16. Multiple N	17. Proposed Depth 6600	18. Formation Dakota Formation	19. Contractor	20. Spud Date 10/1/2013
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 Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	32	320	225	0
Prod	7.875	5.5	15.5	6600	1026.13	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	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: Printed Name: Electronically filed by DAVID PAUL GONZALES Title: VICE PRESIDENT OF OPERATIONS Email Address: dgonzales@logosresourcesllc.com Date: 8/23/2013 Phone: 505-215-8215	OIL CONSERVATION DIVISION Approved By: Charlie Perrin Title: District Supervisor Approved Date: 8/28/2013 Expiration Date: 8/28/2015
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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

Form C-102
August 1, 2011
Permit 168142

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-039-31194	2. Pool Code 13379	3. Pool Name COUNSELORS GALLUP-DAKOTA
4. Property Code 310188	5. Property Name ENCHILADA	6. Well No. 002X
7. OGRID No. 289408	8. Operator Name LOGOS OPERATING, LLC	9. Elevation 6887

10. Surface Location

UL - Lot H	Section 16	Township 23N	Range 06W	Lot Idn	Feet From 1933	N/S Line N	Feet From 662	E/W Line E	County RIO ARriba
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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 160.00	13. Joint or Infill	14. Consolidation Code N/A	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;"></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: 8/23/2013</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: Glen Russell Date of Survey: 7/22/2013 Certificate Number: 15703</p>