

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 ROCA OPERATING, INC. P. O. BOX 1981 MIDLAND , TX 79702		2. OGRID Number 152374
		3. API Number 30-025-39377
4. Property Code 37581	5. Property Name LANGLEY 21 COM	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	21	23S	36E	H	1980	N	800	E	LEA

8. Pool Information

WILDCAT MORROW (GAS)	0
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3450
14. Multiple N	15. Proposed Depth 11500	16. Formation Morrow	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils 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	1250	1010	
Int1	12.25	9.625	40	5500	1640	
Prod	8.75	5.5	17	11500	1240	5000

Casing/Cement Program: Additional Comments

Please see the attached drilling program.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	1000	1000	3M
DoubleRam	3500	3500	5M
Annular	3150	3150	5M

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 <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Candy Copeland Title: Manager Email Address: candy@rocaresource.com Date: 1/30/2009 Phone: 432-682-2554	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 4/1/2009 Expiration Date: 4/1/2011
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DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name <i>wildcat</i>
Property Code	Property Name LANGLEY 21	Well Number 1
OGRID No. <i>152374</i>	Operator Name ROCA OPERATING, INC.	Elevation 3450'

Surface Location

UL or lot No. H	Section 21	Township 23-S	Range 36-E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 800	East/West line EAST	County LEA
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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	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

	OPERATOR CERTIFICATION <i>I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.</i> Signature: <i>Candice Copeland</i> Date: <i>1/30/2009</i> Printed Name: <i>Candice Copeland</i>
	SURVEYOR CERTIFICATION <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>
	Date Surveyed: <i>MAY 20 2008</i> Signature & Seal of Professional Surveyor: <i>Ronald J. Eidson</i> 5/22/09 08-11-0759
	Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239

Permit Comments

Operator: ROCA OPERATING, INC. , 152374

Well: LANGLEY 21 COM #001

API: 30-025-39377

Created By	Comment	Comment Date
DMULL	Sending back for corrections on the Bottom Hole dedicated acreage.	1/30/2009
DMULL	Talked to Candy Copeland E/2 320 acres will require com agreement from SLO.	3/31/2009
DMULL	OCD has received form C-144, "Pit Registration". OCD Permit Number P1-1002.	3/31/2009