

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
August 1, 2011
Permit 174664

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

1. Operator Name and Address SIANA OPERATING LLC P.O. Box 10303 Midland, TX 79702		2. OGRID Number 168687
4. Property Code 32591		3. API Number 30-025-41453
5. Property Name CURRY STATE		6. Well No. 006

7. Surface Location

UL - Lot D	Section 22	Township 23S	Range 34E	Lot Idn D	Feet From 860	N/S Line N	Feet From 600	E/W Line W	County Lea
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8. Proposed Bottom Hole Location

UL - Lot D	Section 22	Township 23S	Range 34E	Lot Idn D	Feet From 860	N/S Line N	Feet From 600	E/W Line W	County Lea
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9. Pool Information

ANTELOPE RIDGE;CHERRY CANYON, SOUTH	2215
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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 3458
16. Multiple N	17. Proposed Depth 7900	18. Formation Cherry Canyon	19. Contractor	20. Spud Date 11/15/2013
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 Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	1025	600	0
Int1	11	8.625	32	4800	1500	0
Prod	7.875	5.5	17	7900	550	4300

Casing/Cement Program: Additional Comments

Siana proposes to drill a 17-1/2" hole to 600' with fresh water mud system, Wt. 8.5,Vis 32, set 13-3/8" casing and cement to surface. Drill an 11" hole to 4800' w/brine mud system, Wt 10#,Vis 28. Set 8-5/8" casing and cement to surface. Drill 7-7/8" hole to 7900' w/cut brine system, Wt 8.6-9.5#,Vis 28-30. Run OH logs at TD and run 5-1/2" casing and circulate cement up to 4300' or higher

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Double Ram	3000	3000	

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 type="checkbox"/> , if applicable. Signature: _____ Printed Name: Electronically filed by MANDY NEWMAN Title: PRODUCTION TECH Email Address: mnewman@sianaoil.com Date: 10/9/2013	<p style="text-align: center;">OIL CONSERVATION DIVISION</p> Approved By: Paul Kautz Title: Geologist Approved Date: 10/11/2013 Conditions of Approval Attached
Phone: 432-687-6600	Expiration Date: 10/11/2015

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name CURRY STATE		Well Number 6
OGRID No.	Operator Name SIANA OPERATING, LLC		Elevation 3458'

Surface Location

UL or lot No. D	Section 22	Township 23-S	Range 34-E	Lot Idn	Feet from the 860	North/South line NORTH	Feet from the 600	East/West line WEST	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

<p>660'</p> <p>860'</p> <p>S.L.</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p>	
	<p><i>Matthew Doffer</i> 10-8-13 Signature Date</p> <p>Matthew Doffer Printed Name</p> <p>mdoffer@sianacil.com E-mail Address</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>FEBRUARY 20, 2013</p> <p>Date of Survey</p> <p>Signature of Registered Professional Surveyor:</p> <p><i>Ronald J. Eidson</i> 09/23/2013 Certificate Number 3239</p> <p>Ronald J. Eidson 12641 Ronald J. Eidson 3239</p> <p>BKL JWSC W.O.: 13.11.1021</p>	
<p>GEODETTIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=472083.3 N X=768667.3 E</p> <p>LAT.=32.294879° N LONG.=103.463870° W</p>		

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Form APD Comments

Permit 174684

PERMIT COMMENTS

Operator Name and Address: SIANA OPERATING LLC [168687] P.O. Box 10303 Midland, TX 79702		API Number: 30-025-41453
		Well: CURRY STATE #006

Created By	Comment	Comment Date
pkautz	Land s/S	10/9/2013

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Form APD Conditions

Permit 174664

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: SIANA OPERATING LLC [168687] P.O. Box 10303 Midland, TX 79702	API Number: 30-025-41453
	Well: CURRY STATE #006

OCD Reviewer	Condition
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
DMULL	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