

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 Road, Aztec, NM 87410
 Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
 Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBBS OGD

UNDENIED REPORT

NOV 30 2017

PH

RECEIVED

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

¹ Operator Name and Address Santo Operating LLC P.O. Box 1020 Artesia, NM 88211		² OGRID Number 371502
⁴ Property Code 320511	³ Property Name Ocotillo Sunrise 15 WA AP Fee	⁵ API Number 30-025-44294
		⁶ Well No. 2H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	15	25S	34E		150	NORTH	330	EAST	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	15	25S	34E		200	SOUTH	330	EAST	LEA

9. Pool Information

⁹ Pool Name PITCHFORK RANCH; WOLF CAMP, SOUTH	¹⁰ Pool Code 98994
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Additional Well Information

¹¹ Work Type New Drill	¹² Well Type Oil	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Fee	¹⁵ Ground Level Elevation 3332
¹⁶ Multiple	¹⁷ Proposed Depth 17,300' TMD, 12,550' TVD	¹⁸ Formation Wolfcamp	¹⁹ Contractor	²⁰ Spud Date
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
Surface	14-3/4"	10-3/4"	40.5	1,000'		Surface
Interm	8-3/4"	7-5/8"	29.7	14,400'		Surface
Prod	6-3/4"	5-1/2"	23	17,310'		Surface

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
 I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable.
 Signature: *[Signature]*

Printed name: Gabe Herrera
 Title: Operations Manager
 E-mail Address: gherrera@santopetroleum.com
 Date: 11/29/2017 Phone: 575-736-3261

OIL CONSERVATION DIVISION	
Approved By:	<i>[Signature]</i>
Title:	Petroleum Engineer
Approved Date: 12/20/17	Expiration Date: 12/20/19
Conditions of Approval Attached	