

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 November 14, 2012

RECEIVED
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

MAY 30 2013
HOBBS OGD

☐ AMENDED REPORT

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

1. Operator Name and Address Sundown Energy L.P. Two Galleria Tower, 13455 Noel Rd, Ste 2000		2. OGRID Number 447179 232611
3. API Number 30-025-26796		4. Well No. 2
5. Property Code 301068	6. Property Name Bobbi #2	

7. Surface Location

UL - Lot 0	Section 20	Township 18S	Range 36E	Lot Idn	Feet from 330	N/S Line S	Feet From 1980	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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9. Pool Information

Pool Name Arkansas Junction; San Andres West	Pool Code 2500
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Additional Well Information

11. Work Type E	12. Well Type O	13. Cable/Rotary R	14. Lease Type S	15. Ground Level Elevation 3831
16. Multiple NO	17. Proposed Depth 5360	18. Formation San Andres	19. Contractor	20. Spud Date 5-30-13
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	12 1/4"	8 5/8"	27 #	1881 KB	839	Circulated
	7 7/8"	4 1/2"	9.5 # + 10.5 #	5650'	700 C/C	3161'

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Manual	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 that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.
Signature:

Printed name: Jimmy Lewis

Title: Sr Production Supt.

E-mail Address: jlewis@sundownenergy.com

Date: 5-24-13

Phone: 432-894-0552

OIL CONSERVATION DIVISION

Approved By:

Title: Petroleum Engineer

Approved Date:

Expiration Date: May 30, 2015

MAY 30 2013

Conditions of Approval Attached

MAY 30 2013

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

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

☐ AMENDED REPORT

HOBS OGD

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-26796	² Pool Code 2500	³ Pool Name Arkansas Junction, San Andres, NM
⁴ Property Code 307068	⁵ Property Name Bobbi	⁶ Well Number 2
⁷ OGRID No. 147149 23268	⁸ Operator Name Sundown Energy L.P.	⁹ Elevation 3831

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	20	18S	36E		330	South	1980	E	Lea

¹¹ 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

¹² Dedicated Acres 4.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION 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 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.	
	Signature Wesley A. Able	Date 5/30/13
	Printed Name Wesley A. Able	
	E-mail Address wesable@yahoo.com	
¹⁸ SURVEYOR CERTIFICATION 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.	Date of Survey	
	Signature and Seal of Professional Surveyor:	
	Certificate Number	

Bobbi #2
West San Andres Junction (San Andres)
Section 20, T-18-S, R-36-E
Lea County, New Mexico

Procedure to re-enter and complete in Upper San Andres

1. Set Deadmen. Find well, and re-weld surface pipe and production pipe back to surface. Transfer 2-3/8" 4.7# EUE L-80 tubing for workover string. MIRUSU w/ reverse unit. RU BOP. Run in hole 3-3/4" bit and 12 drill collars.
2. Circulate hole clean with San Andres water. Drill out surface plug, Drill out waterboard plug at 450'. Drill out plug with squeeze holes at 1,931'. Drill out plug at 3204'. Tag CIBP set at 5376' with 35' of cmt on top. Drill out the concrete down to 5360'. Pressure test the casing and CIBP to 500 psig.
3. POOH w/ drilling assembly. MIRU wireline unit. Perforate upper San Andres stringers as follows: 5352', 5354', 5355', next section: 5246, 5247', 5248, next section: 5152', 5154', 5156'
4. RIH w/ treating packer and RBP. Set RBP and packer to isolate 5352'-5355' frac perf cluster. Acidize interval with 2500 gallons 15 NEFE HCL with sludge control (acitol or equivalent). Drop 10 ball sealers to insure ball out. Move tools to isolate 5246'-5248' frac perf cluster. Acidize with same acid, volumes, and ball sealers. Move tools again and treat last frac perf cluster 5152'-5156'. Repeat treatment process for the upper interval.
5. Swab the entire section to get load back. Once oil cut is achieved or load water is recovered. Isolate each interval and provide swab results to determine productivity of all three zones.
6. POOH with 2-3/8" 4.7# L-80 workstring. PU and RIH w/ frac treating packer (arrow-set 1-X or equivalent. PU and RIH w/ 2-7/8" N-80 or L-80 frac string with premium integral joint threads. (String may have to be rented). Prep to frac all three intervals (if all three are productive) down tubing at 23 to 25 bpm. Plan to fracture stimulate with 100,000# 20-40 Brady sand with a standard conventional 25# x-linked Borate system.
7. Swab well till well cleans up. Release treating packer and POOH. Plan on setting a 228 or 320 pumping unit. Visit with Dallas office on rod design and pump size.
8. RIH production equipment. Set pumping unit. Turn well to production.