

HOBBS OCD1925 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6101 Fax: (575) 393-0720

District II

6111 E. St. 1st, Hobbs, NM 88240

Phone: (575) 748-1251 Fax: (575) 748-9720

District III

1000 Rio Brazos Road, Aztec, NM 87410

Phone: (505) 334-6178 Fax: (505) 334-6170

District IV

1000 Santa Fe, NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr. ✓

Santa Fe, NM 87505

Form C-101
Revised July 18, 2013☐ AMENDED REPORT**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

Operator Name and Address SUNDOWN ENERGY LP 13455 NOEL RD., STE 2000 DALLAS, TX 75240		OGRID Number 232611
Property Code 40482	Property Name ARCO 28 STATE	Well No. 2

7. Surface Location

UL - Lot B	Section 28	Township 18S	Range 35E	Lot Idn	Feet from 330	N/S Line NORTH	Feet From 1650	E/W Line EAST	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 REEVES (QUEEN)	Pool Code 52070
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Additional Well Information

Work Type E	Well Type O	Cable/Rotary R	Lease Type S	Ground Level Elevation 3913.8'
Multiple NO	Proposed Depth 4500'	Formation QUEEN	Contractor	Spud Date 12/14/1985
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**20. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	11	8-5/8	24	475'	300	CIRC
	7-7/8	4-1/2	10.5	4559'	1250	CIRC

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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> if applicable. Signature: <i>Belinda Bradley</i> Printed name: BELINDA BRADLEY Title: ADMIN. ASST. E-mail Address: bbradley@sundownenergy.com Date: 3/25/2014 Phone: 432-943-8770		OIL CONSERVATION DIVISION Approved By: <i>[Signature]</i> Title: Petroleum Engineer Approved Date: <i>12/07/14</i> Expiration Date: <i>10/07/16</i> Conditions of Approval Attached
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E-PERMITTING -- New Well _____
 Comp _____ P&A _____ TA _____
 CSNG _____ Loc Chng _____
 ReComp *Entry* Add New Well _____
 Cancel Well _____ Create Pool _____

OCT 08 2014



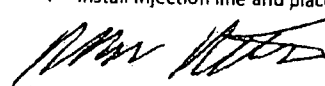
March 19, 2014

RE-ENTRY PROCEDURE

Arco 28 State #2 (330' FNL & 1650' FEL Section 28-185-35E)

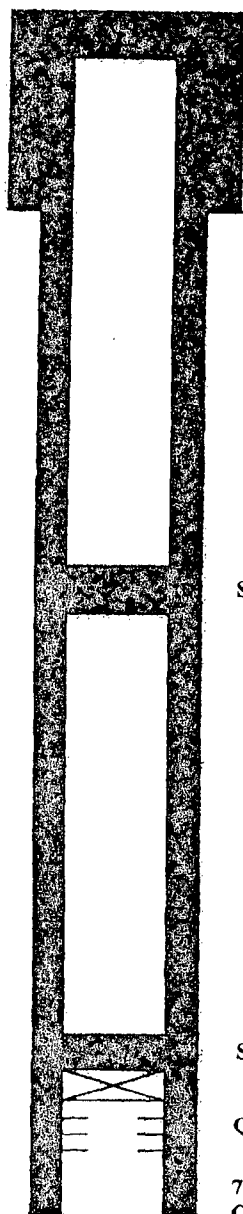
API Number: 30-025-29526

- 1- Dig out old cellar- weld on 8 5/8" and 4 1/2" stubs; nipple up well head & BOP
- 2- Pick up 3 1/4" bit and tubing ; Clean out cement plugs (0-147' and 1620'-1760') and cement and CIBP at 4400'. Continue to PBTD at approximately 4500'. POOH laying down work string.
- 3- Run 4 1/2" internally coated Arrow Set 1X packer & 2 3/8" internally coated tubing to 4450' (PERFS : 4480'- 4483')- test for injectivity. Test annulus as required by State of New Mexico
- 4- Install injection line and place well in service.


Ralph Butler P E
Area Production Manager

Current Wellbore Configuration

Sundown Energy, LP
Arco 28 State No. 2
API No. 30-025-29526
330' FNL & 1650' FEL, Unit B
Section 28, T-18S, R-35E



Set 25 sx. cement
plug 147'-Surface

11" Hole; Set 8 5/8" K-55 csg. @ 475'
Cemented w/300 sx.
Cement circulated to surface

Drilled: 12/1985

Plugged: 5/1997

Set 25 sx. cement plug 1,620'-1,760'

Set CIBP @ 4,400' w/25 sx. cement on top

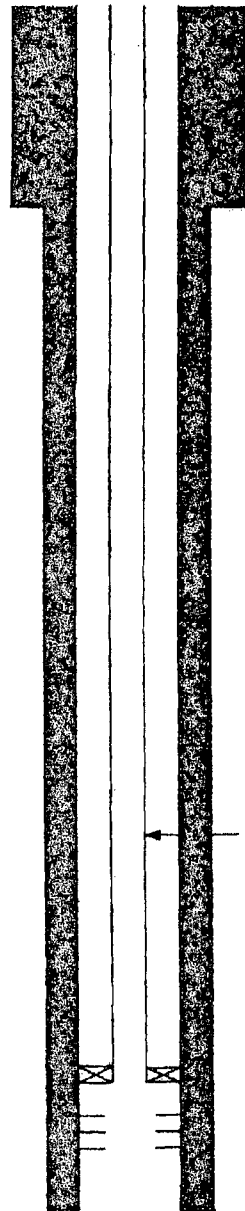
Queen Perforations: 4,480'-4,483'

7 7/8" Hole; Set 4 1/2" K-55 csg. @ 4,559'
Cemented w/1250 Sx.
Cement circulated to surface.

T.D. 4,560'

Proposed Wellbore Configuration

**Sundown Energy, LP
Arco 28 State No. 2
API No. 30-025-29526
330' FNL & 1650' FEL, Unit B
Section 28, T-18S, R-35E**



**11" Hole; Set 8 5/8" K-55 csg. @ 475'
Cemented w/300 sx.
Cement circulated to surface**

Drilled: 12/1985

**2 3/8" 4.7# J-55 IPC tubing set in a
Baker AD-1 packer @ 4,430'**

Queen Perforations: 4,480'-4,483'

**7 7/8" Hole; Set 4 1/2" K-55 csg. @ 4,559'
Cemented w/1250 Sx.
Cement circulated to surface.**

T.D. 4,560'