

HOBBS OCD

OCT 03 2014

RECEIVED

INTERCCL
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720
District II
411 S. First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-9720
District III
1009 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
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 010887 40482	Property Name ARCO 28 STATE	API Number 30-025-29340
		Well No.

Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	28	18S	35E		660	NORTH	660	EAST	LEA

Proposed Bottom Hole Location

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

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 3910.7'
Multiple NO	Proposed Depth 4550'	Formation QUEEN	Contractor	Spud Date 7/23/1985
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

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	17-1/2	13-3/8	54.5	490'	475	CIRC
	11	8-5/8	24 & 32	3910'	1700	CIRC
	7-7/8	4-1/2	10.5	4652'	480	1750'

Casing/Cement Program: Additional Comments

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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: *Belinda Bradley*
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:	10/03/14
Expiration Date:	10/07/16
Conditions of Approval Attached	

E-PERMITTING -- New Well _____
 Comp _____ P&A _____ TA _____
 CSNG _____ Loc Chng _____
 Re-Entry _____ Add New Well _____
 Cancel Well _____ Create Pool _____

OCT 08 2014



March 19, 2014

RE-ENTRY PROCEDURE

Arco 28 State #1 (660' FNL & 660' FEL Section 28-185-35E)

API Number: 30-025-29340

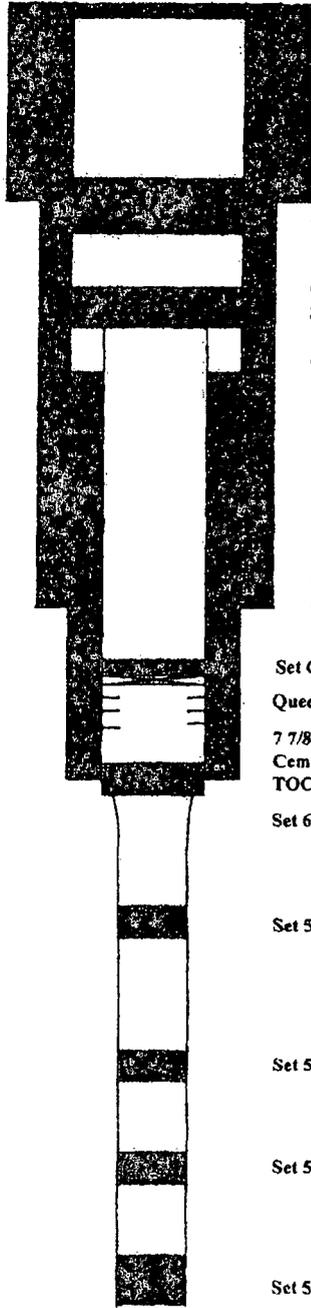
- 1- Dig out old cellar- weld on 8 5/8" stub and nipple up well head & BOP
- 2- Pick up 7 7/8" bit and clean out cement plugs (surface and 341'-525') down to top Of cut casing at 1375'.
- 3- Run mill and dress off 4 1/2" casing stub at 1375'
- 4- Run 4 1/2" 10.5 casing patch with cementing ports- latch up on stub. Pump cement circulating to surface.
- 5- RIH with 3 1/2" bit and drill out cement and CIBP at 4472'- Clean out to 4550' +/-.
POH laying down work string.
- 6- Run 4 1/2" internally coated packer & 2 3/8" Internally coated tubing to 4422' (PERFS : 4472'-4488')- test for injectivity. Test annulus as required by State of New Mexico
- 7- Install injection line and place well in service.

A handwritten signature in black ink, appearing to read "Ralph Butler", written over a horizontal line.

Ralph Butler P E
Area Production Manager

Current Wellbore Configuration

Sundown Energy, LP
Arco 28 State No. 1
API No. 30-025-29340
660' FNL & 660' FEL (Unit A)
Section 28, T-18 South, R-35 East, NMPM



10 Sx. surface

17 1/2" Hole; Set 13 3/8" J-55 Csg @ 490'
Cemented w/475 Sx.
Cement circulated to surface

Set 40 sx. cement plug 341'-525'

Cut & pulled 4 1/2" casing @ 1,375'
Set 25 sx. cement stub plug 1,290'-1,425'

TOC @ 1,750' by T.S.

11" Hole; Set 8 5/8" K-55 csg @ 3,910'
Cemented w/1700 sx.
Cement circulated to surface

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

Queen Perforations: 4,472'-4,488'

7 7/8" Hole; Set 4 1/2" K-55 csg @ 4,652'
Cemented w/480 sx.
TOC @ 1,750 by T.S.

Set 60 Sx. cement plug @ 4,652'-4,743'

Set 50 Sx. cement plug @ 5,542'

Set 55 Sx. cement plug @ 7,114'

Set 55 Sx. cement plug @ 8,784'

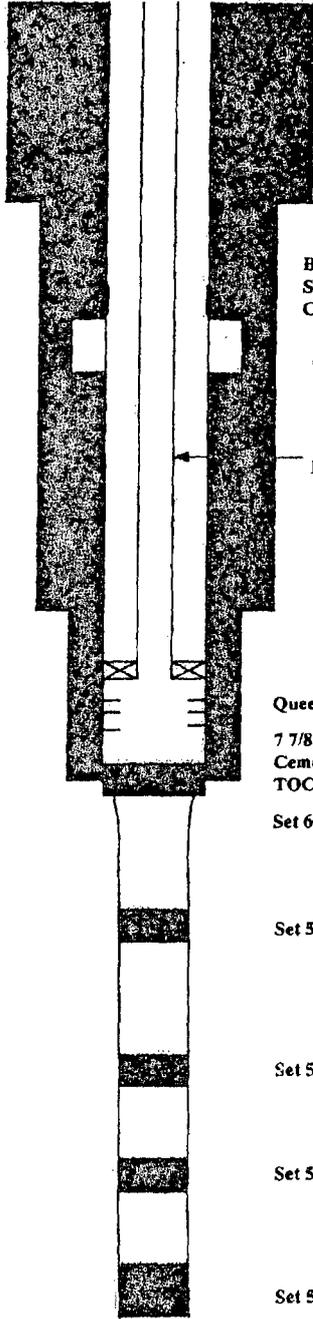
Set 55 Sx. cement plug @ 9,865'

T.D. 10,300'

Drilled: 7/1985
Plugged: 5/1997

Proposed Wellbore Configuration

Sundown Energy, LP
Arco 28 State No. 1
API No. 30-025-29340
660' FNL & 660' FEL (Unit A)
Section 28, T-18 South, R-35 East, NMPM



17 1/2" Hole; Set 13 3/8" J-55 Csg @ 490'
Cemented w/475 Sx.
Cement circulated to surface

Drilled: 7/1985

Bowen casing bowl/patch w/cementing ports
Set 4 1/2" 10.5# J-55 tieback casing @ 1,375'.
Cement with sufficient cement to circulate to surface.

TOC @ 1,750' by T.S.

2 3/8" 4.7 # J-55 IPC tubing set in a
Baker AD-1 Packer @ 4,422'

11" Hole; Set 8 5/8" K-55 csg @ 3,910'
Cemented w/1700 sx.
Cement circulated to surface

Queen Perforations: 4,472'-4,488'

7 7/8" Hole; Set 4 1/2" K-55 csg @ 4,652'
Cemented w/480 sx.
TOC @ 1,750 by T.S.

Set 60 Sx. cement plug @ 4,652'-4,743'

Set 50 Sx. cement plug @ 5,542'

Set 55 Sx. cement plug @ 7,114'

Set 55 Sx. cement plug @ 8,784'

Set 55 Sx. cement plug @ 9,865'

T.D. 10,300'