

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
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

FEB 20 2014

RECEIVED

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

¹ Operator Name and Address Sundown Energy LP 13455 Noel Rd, Ste 2000 Dallas, TX 75240		² OGRID Number 232611
		³ API Number 30-025-26356
⁴ Property Code L-2949 40359	⁵ Property Name BOBBI State WF Unit	⁶ Well No. 1Y

7. Surface Location

UL - Lot J	Section 20	Township 18S	Range 36E	Lot Idn	Feet from 1980	N/S Line SOUTH	Feet From 1930	E/W Line EAST	County LEA
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8. Proposed Bottom Hole Location

UL - Lot J	Section 20	Township 18S	Range 36E	Lot Idn	Feet from 1980	N/S Line SOUTH	Feet From 1930	E/W Line EAST	County LEA
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9. Pool Information

ARKANSAS JUNCTION; SAN ANDRES, WEST	¹⁰ Pool Name	¹¹ Pool Code 2503
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Additional Well Information

¹² Work Type E	¹³ Well Type O	¹⁴ Cable/Rotary R	¹⁵ Lease Type S	¹⁶ Ground Level Elevation 3832'
¹⁷ Multiple NO	¹⁸ Proposed Depth 6750'	¹⁹ Formation SAN ANDRES	²⁰ Contractor	²¹ 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
	17"	13-3/8"		330'	325	circulated
	7-7/8"	5-1/2"		11,050'	185	10,200'

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: *Belinda Bradley*
Printed name: BELINDA BRADLEY

Title: ADMIN. ASST.

E-mail Address: bbradley@sundownenergy.com

Date: 2/13/2014

Phone: 432-943-8770

OIL CONSERVATION DIVISION

Approved By:

Title: Petroleum Engineer

Approved Date: 03/15/14

Expiration Date: 03/18/16

Conditions of Approval Attached

MAR 25 2014

dn

February 17, 2014

RE-ENTRY PROCEDURE

Bobbi No. 1-Y (Conversion of well to Water Supply Well from Delaware Sands 5800'-6725')

API # 30-025-26356

Sec 20-18S- 36E – 1980' FSL & 1930' FEL

- 1- Dig out old cellar- weld on 13 3/8" stub & nipple up well.
- 2- Weld on 5 1/2 Casing stub & rig up BOP
- 3- Drill out surface plug (5 1/2" casing perforated at 380' for P & A); test to 500#.
- 4- Drill out plugs at 1800-2006, 3050'-3280 (squeeze holes at 3280') and 3695'-3850' (squeeze holes at 3850'). Test each set to 500#.
- 5- Drill out CIBP @ 5400' (over San Andrus perfs 5474'-5480').
- 6- Squeeze San Andrus perfs with 50 sacks Class H – neat; drill out and test to 500#.
- 7- Drill out cement retainer at 5635' and through squeeze holes @ 5700'. Test to 500#
- 8- Set cement retainer at 6750'- squeeze with 100 sacks Class H – neat.
- 9- Run Cement Bond Log.
- 10- Perforate Delaware Sands from approximately 5850'-80'; 5940'-6000'; 6040'-6240'; 6510'- 6540'.
- 11- Swab test well and install pumping equipment.

Ralph Butler P E
Area Production Manager

WELL DATA SHEET

LEASE: BOBBI	WELL: 1Y	FIELD:
LOC: 1980' FSL & 1980' FEL	SEC: 20 T: 18S R: 36E	SURVEY:
STATUS:	CO: LEA	API NO: 30-025-26356
TD: 11,050'	ST: NM	LEASE # L-2948
PBTD: 6750'		
COTD:		

Proposed

Spud Date: _____
Comp. Date: _____

GL: _____
DF: _____
KB: _____

Csg Detail:
Hole Size: 17-1/2"
13-3/8" OD, _____ #/ft, grade _____
csg set @ 330' w/ _____ sx.
Circ? _____ TOC @ _____ By _____

sqz hole in 5-1/2" at 3280'

sqz hole in 5-1/2" at 3850"

Hole Size: 7-7/8"
5-1/2" OD, _____ #/ft, grade _____
csg set @ _____ w/ _____ sx.
in _____ stages w/DV tool @ _____
Stage 1 circ? _____ TOC _____ By _____
Stage 2 circ? _____ TOC _____ By _____

5474-5480' San Andres perms
Sqz w. 50 sxs cl H cmt

5850-5880'
5940-6000'
6040-6240'
6510-6540'

DELAWARE SANDS PERFS

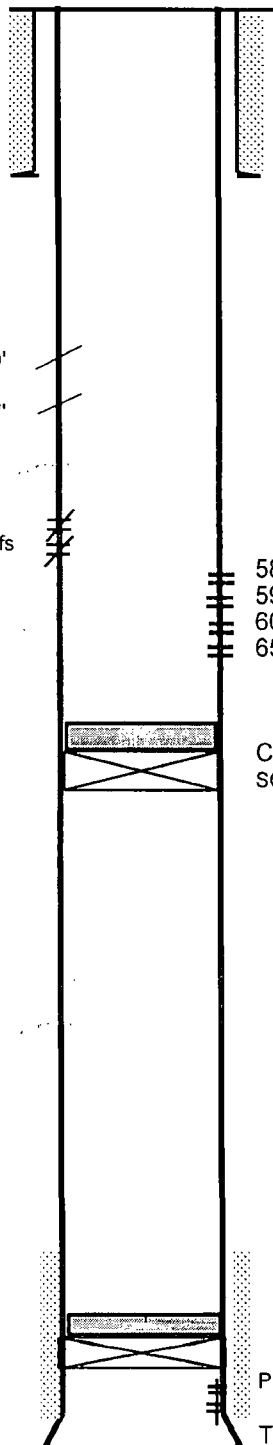
CMT RETAINER @ 6750'
SQZ W/ 100 SXS CL H CMT

TOC @ 10,200' BY TS

GIBP @ 10,700' W/
35 SXS CMT ON TOP

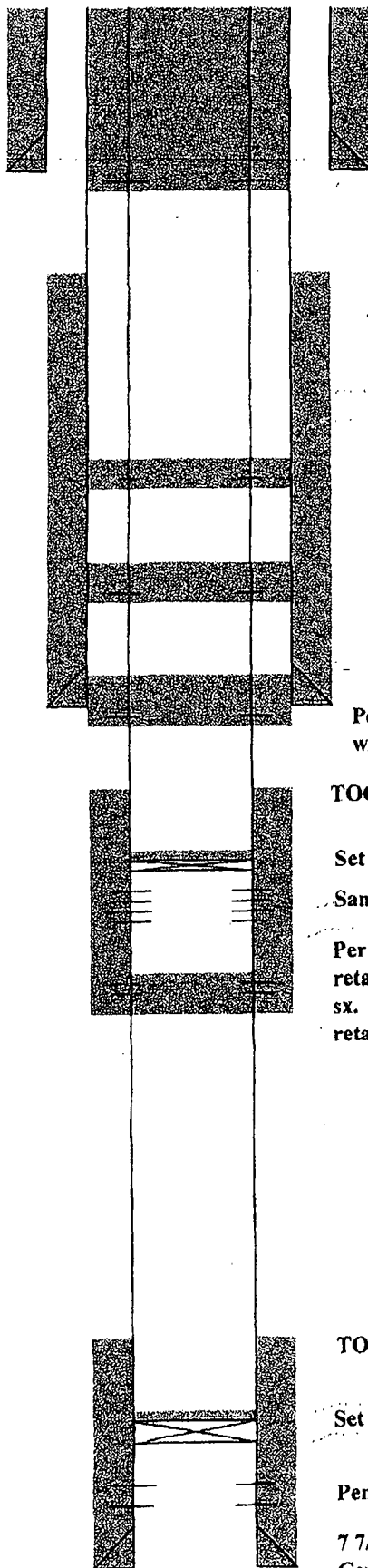
PENN PERFS @ 10,863-10,933'

TD 11,050'



Current

Chesapeake Operating, Inc.
 Bobbi No. 1Y
 API No. 30-025-26356
 1980' FSL & 1930' FEL (Unit J)
 Section 20, T-18 South, R-36 East, NMPM



17" Hole; Set 13 3/8" csg @ 330'
 Cemented w/325 Sx.
 Cement circulated to surface

Drilled: 1179
 Plugged: 8/09

Perforate 5 1/2" csg. @ 380' & squeezed w/100
 sx. cmt. Cement circulated to surface.

TOC @ 1,000' by T.S.

Perforate 5 1/2" csg. @ 2,006' & squeezed
 w/30 sx. cmt. Tagged @ 1,800'

Perforate 5 1/2" csg. @ 3,280 & squeezed w/
 30 sx. cmt. Tagged @ 3,050'

11" Hole; Set 8 5/8" csg @ 3,800'
 Cemented w/1100 sx.
 TOC @ 1,000' by T.S.

Perforated 5 1/2" csg. @ 3,850' & squeezed
 w/30 sx. cmt. Tagged @ 3,695'

TOC @ 4,484' by CBL

Set CIBP @ 5,400' w/cement 5,146'-5,400'
 San Andres Perforations: 5,474'-5,480'

Perforate 5 1/2" csg. @ 5,700'. Ran cmt.
 retainer & set @ 5,635'. Squeezed w/300
 sx. TOC @ 4,484' by CBL. Cmt. plug &
 retainer in csg. 5,620'-5,700'

TOC @ 10,200' by T.S.

Set CIBP @ 10,700' w/35' of cement on top

Penn perforations: 10,863'-10,933'

7 7/8" Hole. Set 5 1/2" csg. @ 11,050'
 Cemented w/185 sx.
 TOC @ 10,200' by T.S.

T.D. 11,050'