

Submit 1 Copy To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
October 13, 2009

RECEIVED  
DEC 07 2009  
HOBBSOCD

CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-35597 ✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name SV Sundown State ✓
8. Well Number 2 ✓
9. OGRID Number 147179
10. Pool name or Wildcat Echol; San Andres, East
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3940' GR

SUNDY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Chesapeake Operating, Inc.	
3. Address of Operator P.O. Box 18496 Oklahoma City, OK 73154-0496	
4. Well Location Unit Letter M : 660' feet from the South line and 660' feet from the West line Section 14 Township 10S Range 37E NMPM County Lea ✓	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3940' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐ OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please find the following information in plans to plug and abandon this well:

Plug and abandonment procedure, actual and proposed well bore diagram, NMOCD's C-144 (CLEZ) pit permit.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

*Bryan Arrant*

TITLE Senior Regulatory Compl. Sp.

DATE 12/03/2009

Type or print name Bryan Arrant

E-mail address: bryan.arrant@chk.com

PHONE: (405)935-3782

For State Use Only

APPROVED BY:

*Mark Whitaker*

TITLE Compliance Officer

DATE 12/14/2009

Conditions of Approval (if any):

THE OIL CONSERVATION DIVISION MUST  
BE NOTIFIED 24 HOURS PRIOR TO THE  
BEGINNING OF PLUGGING OPERATIONS



**SV Sundown State #2  
Plug and Abandonment  
Lea County, NM**

**Current Wellbore Information**

TD: 5,150' PBD: 5,102'

Casing	OD	Weight	Grade	Depth Set	TOC
Surface	8-5/8"	24#	J-55	388'	Surface
Production	5-1/2"	15.5#	J-55	5,150'	1,364'

Perfs	Top Perf.	Bottom Perf	Status
San Andres	4,996'	5,010'	Open

Formation Tops	Location
Top of Salt	2,350'
Base of Salt	2,930'
Top of Yates	2,930'
Top of 7 Rivers	3,100'
Top of Queen	3,780'
Top of Grayburg	4,100'
Top of San Andres	4,360'

GL: 3,940' KB: 10' KB Height: 3,950'

**Procedure**

1. Notify the NMOCD 24 hours in advance prior to commencing plug and abandonment operations.
2. Hold PJSA prior to beginning work each morning and as required for specific operations.
3. Rack and tally 171 joints of 2-7/8" N-80 workstring.
4. Prepare location. Test anchors.
5. MIRU PU. NDWH. POH w/ pump and rods.
6. NU BOP. TOH w/ tubing.
7. RIH w/ CIBP and set @ 4,950' and dump 35' of cement on top. Wait on cement and tag plug. (Top of San Andres perfs @ 4,996')
8. Load well with plugging mud and pressure up to 500# and test for leak-off.
9. RIH w/ tubing to 2,980' and spot a <sup>25sx</sup> 100 cement plug. PUH, wait on cement and tag plug. (Base of Salt @ 2,930')
10. RIH w/ tubing to 2,400' and spot a <sup>Perf @ 2300' spot a 25sx</sup> 100 cement plug. PUH, wait on cement and tag plug. (Top of Salt @ 2,350')
11. Perforate casing w/ 4 squeeze holes @ 438' and squeeze a <sup>25sx</sup> 100 cement plug inside and out. Wait on cement and tag plug. (8-5/8" Casing Shoe @ 388')
12. Perforate casing w/ 4 squeeze holes @ 70' and squeeze a cement plug inside and out. Circulate to surface. Top of casing. POH
13. RDMO. Install dry hole marker and cut off dead man. Restore location.

**Contacts****Production Foreman**

Steve Serna

Office: 575-391-1462

Cell: 575-390-9053

**Asset Manager**

Kim Henderson

Office: 405-935-8583

Cell: 405-312-1840



P&A Proposal  
SV SUNDOWN STATE 2

Field: UNDES SAN ANDRES  
County: LEA  
State: NEW MEXICO  
Location: SEC 14, 10S-37E, 660 FSL & 660 FWL  
Elevation: GL 3,940.00 KB 3,950.00  
KB Height: 10.00

Spud Date: 12/10/2001  
Initial Compl. Date:  
API #: 3002535597  
CHK Property #: 890798  
1st Prod Date: 1/31/2002  
PBTD: Original Hole - 5102.0  
TD: 5,150.0

