

Submit 3 Copies 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  
Industry, Minerals and Natural Resources

Form C-103  
May 27, 2004

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

SUNDRY 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.)		WELL API NO. 30-025-32750 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> ✓
2. Name of Operator Chesapeake Operating, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 18496 Oklahoma City, OK 73154-0496		7. Lease Name or Unit Agreement Name SV Sundown State ✓
4. Well Location Unit Letter M : 477' feet from the South line and 191' feet from the West line Section 14 Township 10S Range 37E NMPM County Lea		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3941'		9. OGRID Number 147179 ✓
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
Pit type Steel Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water		
Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material		

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chesapeake Operating, Inc. respectfully request the plug and abandonment of this well.

Please find the attached:

P&A procedure, well bore diagram and NMOCD's form C-144.

Only steel pits will be used in the plugging of this well.

*Please Check well file before submission of P&A procedure.  
Wellbore drawings are incorrect and do not show  
all previous plugs. according to well file this well has  
been sidetracked! Chris Williams*

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

*Linda Weeks*

TITLE Reg. Compliance Specialist

DATE 05/23/2008

Type or print name

E-mail address: linda.weeks@chk.com

Telephone No. (405) 879-6854

For State Use Only

APPROVED BY:

*Chris Williams*

OCD DISTRICT SUPERVISOR/GENERAL MANAGER  
TITLE

DATE

05/23/2008

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



**SV Sundown State 1  
P&A Procedure  
Lea County, New Mexico**

**Current Wellbore Information:**

**Location:** 477' FSL & 191' FWL Sec. 14-T10S-R37E  
**GL:** 3,941'  
**KB:** 15'  
**KB Height:** 3,956'  
**Prod. Casing:** 5-1/2", 17#, L-80, 0-12,750', ID-4.892", Drift-4.767", Burst-7,250#  
**Tubing/BHA:** 2-7/8", 6.5#, L-80 with TAC at 4,872, EOT at 5,001'  
1-1/2" pump with 7/8" and 3/4" rods  
**PBTD/TD:** 5,453' / 12,174'  
**Existing Perfs:** San Andres 4,998' – 5,012'  
Wolfcamp 9,466' – 9,471' *Below plug at 5,488'*

**Procedure**

1. Notify the NMOCD 24 hrs in advance prior to commencing plug and abandonment operations.
2. Test anchors. MIRU workover rig, wireline truck and reverse unit. POH w/ 1-1/2" pump, BHA and 7/8" and 3/4" rod string. ND WH. NU BOP. TOH w/ 2-7/8" production string.
3. RU wireline unit. RIH and set CIBP at 4,950'. RIH and dump bail 35' cement on top of CIBP set @ 4,950'. POH. RD wireline unit.
4. TIH w/ 2-7/8" work string to 4,915' (just above cement plug) and circulate hole with salt gel mud containing 9.5 pound brine and 12.5 lbs of gel per barrel. TOH w/ 2-7/8" work string.
5. RU wireline unit. RIH and perforate 5-1/2" casing at 4,310'. POH and RD wireline unit.
6. TIH w/ 2-7/8" work string too 4,310' and circulate 100' cement outside 5-1/2" casing – this will be across 8-5/8" casing shoe.
7. Spot 25 sx cement plug inside 5-1/2" casing with bottom at 4,310'. PUH to WOC. Tag cement to verify.
8. RU wireline unit. RIH and perforate 5-1/2" casing at 400', POH. RD wireline unit.

9. TIH w/ 2-7/8" tubing and circulate cement outside 5-1/2" casing through holes at 400' to surface.
10. Spot cement plug from 400' to surface (plug will be from surface casing shoe to surface).
11. ND BOP. Cut off casing 3' below ground level. Install dry hole marker.
12. RDMO workover rig, wireline truck and reverse unit. Restore location.



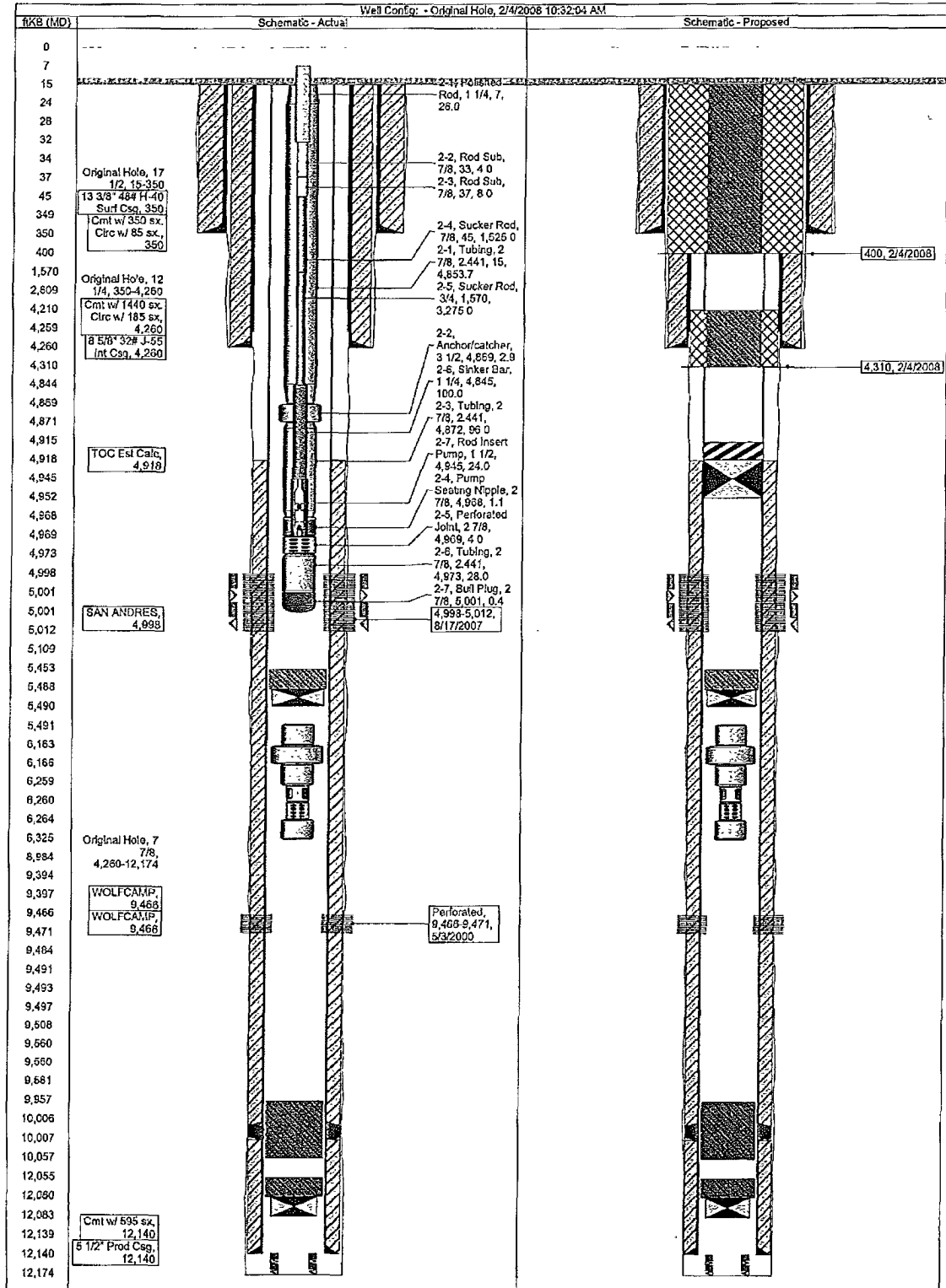
# Proposal - Workover

SV SUNDOWN STATE 1

Field: Wildcat  
County: LEA  
State: NEW MEXICO  
Elevation: GL 3,941.00 KB 3,956.00  
KB Height: 15.00

Spud Date: 12/12/1994  
Initial Compl. Date:  
API #: 3002532750  
CHK Property #: 890797  
1st Prod Date: 4/26/1995  
PBD: Original Hole - 9957.0  
TD: 12,174.0

Location: SEC 14, 10S-37E, 477 FSL & 191 FWL



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State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☐

Operator: <u>Chesapeake Operating, Inc.</u> Telephone: <u>(405)879-6854</u> e-mail address: <u>linda.weeks@chk.com</u>		
Address: <u>P.O. Box 18496 Oklahoma City, OK 73154-0496</u>		
Facility or well name: <u>SV Sundown State # 1</u> API#: <u>30-025-32750</u> U/I or Qtr/Qtr <u>M</u> Sec <u>14</u> T <u>10S</u> R <u>37E</u>		
County: <u>Lea</u> Latitude <u>33.4411</u> Longitude <u>-103.130780</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u>      </u> mil Clay <input type="checkbox"/> Pit Volume <u>      </u> bbl	<b>Below-grade tank</b> Volume: <u>      </u> bbl Type of fluid: <u>      </u> Construction material: <u>      </u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: <u>      </u>	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	No	(0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	(0 points)
Ranking Score (Total Points)		<u>0</u>

**If this is a pit closure:** (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility        (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface        ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

**Additional Comments:**

Only Steel Pits will be used in the plugging of this well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 05/23/2008

Printed Name/Title Linda Weeks-Reg. Compliance Specialist

Signature Linda Weeks

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title CHRIS WILLIAMS/DIST. SUPERV

Signature Chris Williams

Date: 6/2/08