

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  
Energy, Minerals and Natural Resources

12060  
2300  
Form C-103  
May 27, 2004

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-025-22134 ✓
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		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 2010 Rankin Hwy Midland, TX 79701		7. Lease Name or Unit Agreement Name LOU WORTHAM A ✓
4. Well Location Unit Letter H : 1980 feet from the NORTH line and 990 feet from the EAST line Section 11 Township 22S Range 37E NMPM County LEA		8. Well Number 2 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3343 GR		9. OGRID Number 147179
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
Pit type _____ 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, RESPECTFULLY, REQUEST PERMISSION TO PLUG THIS WELL PER THE ATTACHED PROCEDURE.

SEE 2ND PAGE



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

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 Shay Stricklin TITLE Regulatory Tech. DATE 04/05/2007

Type or print name Shay Stricklin  
For State Use Only

E-mail address: sstricklin@chkenergy.com Telephone No. (432)687-2992

APPROVED BY: Harry W. Wink DATE APR 09 2007  
Conditions of Approval (if any):

TO FIELD REPRESENTATIVE 11/5/02



**Lou Wortham A 2  
Lea County, New Mexico  
Plugging Procedure**

**Date:** April 4, 2007

**Location:** 1980' FNL & 990' FEL Sec. 11-T22S-R37E

**Production Casing:** 4 1/2" 10.5# J-55 0-3,830'

**PBTD/TD:** 3,830' / 3,850'

**Current Perfs:** Grayburg 3553-3790'

**Recommended Procedure:**

1. MIRU PU. NDWH/NUBOP. POH w/ 2 3/8" tbg, rods and pump.
2. Set CIBP @ 3525' and bail 35' of cement on top.
3. Perforate casing w/ 4 squeeze holes at the Top of Salt @ 1,250'.
4. RIH w/ tbg to 1,250' and set a 25 sxs Top of Salt plug from 925-1250'. POH w/ tbg. *WOC+TAS*
5. Perforate casing w/ 4 squeeze holes at the casing shoe @ 374'.
6. RIH w/ tbg to 375' and set a 25 sxs surface and casing shoe plug from surface to 375'. POH w/ tbg. Top off casing with cement.
7. RD and move off. Install dry hole marker and cut off dead men. Restore location.

*SPACE BETWEEN PLUGS W/ SALT GEL MUD  
CONSISTING OF @ LEAST 9.5<sup>#</sup> BRINE W/  
12.5<sup>#</sup> OF GEL PER BBL.  
Harry W. Wink*





# CURRENT WELLBORE SCHEMATIC

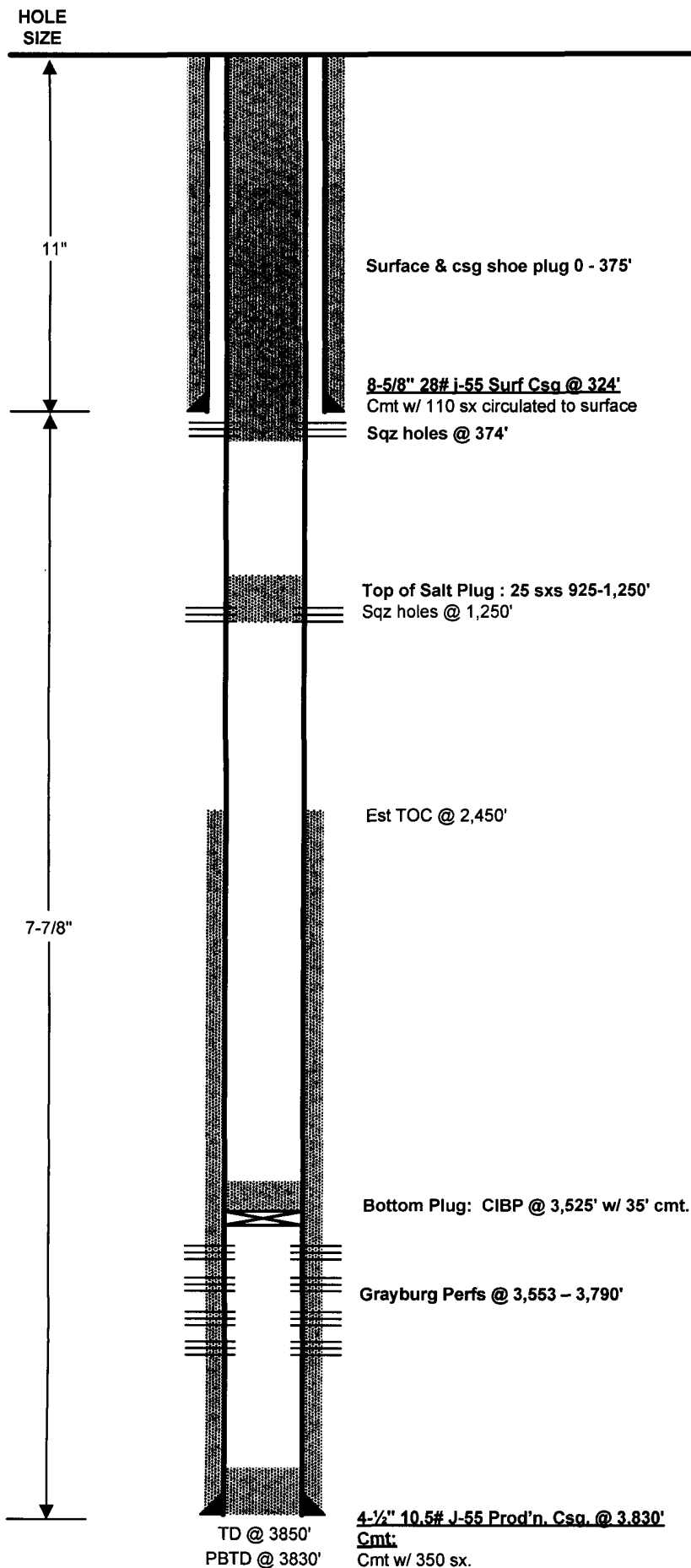
CHESAPEAKE OPERATING INC

PROPOSED P & A



WELL : Lou Wortham A 2  
FIELD : Penrose-Skelly  
COUNTY : Lea STATE: NM  
LOCATION : 1980' FNL & 990' FEL, UNIT J, SEC. 11-T22S-R37E  
ELEVATION : 3,343' GL

API #: 30-025-22134  
SPUD DATE: 06/06/67  
COMPL. DATE: 06/17/67  
CHK PN#: 891411



## Well History:

06/67: Perf one JSPF @ 3553, 3557, 3567, 3625, 3636, 3697, 3701, 3707, 3717, 3721, 3730, 3734, 3744, 3762, 3766, 3770, 3790; Acdz w/ 2000 gal of 15%; Frac w/ 30,000 GLO w/ 1-1/2# of 20-40 SPG; Avg rate 22 BPM & 3100#  
10/16/74: Well T/A'd: RUPU; POH Rods & Tbg; RD PU;  
01/13/76: Cellars dug out for Csg Pressure Checks  
05/30/78: Well Activated: RUPU pulled tbg; Ran new SN; Ran tbg back in hole w/ mud jt perf set @ 3784'; ran pumps & rods; well put on pump

PROPOSED P & A



PREPARED BY Paul Rico  
UPDATED BY Renee Thomas

DATE 01/23/06  
DATE 04/04/07