

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

Form C-103  
March 4, 2004

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

WELL API NO. 30-015-30960
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name LOCO HILLS WELCH
8. Well Number #04
9. OGRID Number 010179
10. Pool name or Wildcat EMPIRE ATOKA

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.)

1. Type of Well:  
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
HARVEY E. YATES COMPANY

3. Address of Operator  
PO BOX 1933, ROSWELL, NM 88202-1933

4. Well Location  
Unit Letter J : 1980 feet from the SOUTH line and 2310 feet from the EAST line  
Section 4 Township 18s Range 29E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,528' GL

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL UL Sect UL Twp UL Rng UL Pit-type UL Depth to Groundwater UL Distance from nearest fresh water well UL  
Distance from nearest surface water UL Below-grade Tank Location UL Sect UL Twp UL Rng UL  
feet from the UL line and UL feet from the UL line

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 COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND 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.

WE PLAN TO PLUG & ABANDON WELL AS FOLLOWS:

1. CIRC 9# MUD.
2. SET CIBP @ 10,400' & TOP WITH 50' CLASS 'H' CEMENT.
3. SPOT 150' CLASS 'C' CEMENT FROM 7,350' - 7,200'. TAG.
4. CUT & PULL APPROXIMATELY 3,050' OF 5 1/2" CASING.
5. SPOT 150' CEMENT PLUG FROM 3,150' - 3,000' TO COVER BOTH CSG SHOE @ 3,100' & WHERE CSG CUT @ 3,050', FOR A TOTAL OF 50' INSIDE AND OUT. TAG.
6. SPOT 100' CEMENT PLUG TO COVER SURFACE CASING SHOE FROM 475' - 375'. TAG.
7. SET 20 SX CEMENT SURFACE PLUG & INSTALL DRY HOLE MARKER.

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 NMOC guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Janetta Atkins

TITLE Production Analyst

DATE 11/29/04

Type or print name

E-mail address:

Telephone No.

APPROVED BY

Conditions of approval, if any:

THIS FORM CANNOT BE  
THE PROCESSED DUE TO LACK  
BE OF INFORMATION. PLEASE  
BEC SEE HIGHLIGHTED AREA  
AND/OR NOTED PROBLEM.

DATE

NOV 30 2004  
HE  
INS.

## Wellbore Data

**Loco Hills Welch #4**  
**Unit J - Sec 4 - T 18S - R 29E**  
**1980' FSL & 2310' FEL**  
**API # 30-015-30960**

**PBTD: 10,840'      PBTD DATE: 9/11/2002**  
**TD: 11,206'      TD DATE: 4/7/2000**  
**Orig pbtd: 11,153'      COMPLETED: 5/4/2000**  
**PERFS: 10,436' - 10,445'**

Set 20 sx cement surface plug. install Dry Hole Marker.

Spot 100' cmt plug @ 475'-375'

13 3/8" csg set @ 428', toc @ surface

Cut & pull appx 3050' 5 1/2" csg.  
 spot 100' plug @ 3150-3000'.  
 (50' in & out of cut csg. and cover csg shoe)

8 5/8" csg set @ 3100', toc @ surface

Spot 150' plug Class C cmt @ 7350' - 7200'.

5 1/2" csg set @ 11,206', toc @ 3070' (by CBL)

Set CIBP @ 10400' + 50' cmt.

2) Perf 10,436' - 10,445' (37 holes)

9/11/02 CIBP @ 10,840' + 50' cmt new PBTD=10,790'

1) Perf 10,891' - 10,904' w/4 spf in 120° phasing 9/13/02  
 natural completion, no acid or frac stimulation

**ORIG PBTD: 11,153'**  
**TD: 11,206'**

**DRAWING NOT TO SCALE**  
**Schematic as of 5/29/03**  
**by J Atkinson**

### PLUGGING PROCEDURE:

1. Set CIBP @ 10,400' and top with 50' Class 'H' cement.
2. Circulate 10# mud.
3. Spot 150' Class 'C' Cement from 7,350' - 7,200'. Tag.
4. Cut & pull appx 3,050' - 5 1/2" csg.
5. Spot 150' cement plug from 3150'-3000' to cover both casing shoe @ 3100')  
 and where csg was cut @ 3050', for 50' inside & out. Tag.
6. Spot 100' cement plug to cover surf csg shoe 475'-375'.
7. Set 20 sx cement surface plug, install dry hole marker.