

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

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

Form C-103
March 4, 2004

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	RECEIVED DEC 22 2004 SANTA FE, NM
2. Name of Operator HARVEY E. YATES COMPANY	
3. Address of Operator PO BOX 1933, ROSWELL, NM 88202-1933	

4. Well Location Unit Letter <u>J</u> : <u>1980</u> feet from the <u>SOUTH</u> line and <u>2310</u> feet from the <u>EAST</u> line Section <u>4</u> Township <u>18s</u> Range <u>29E</u> NMPM County <u>EDDY</u>	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,528' GL
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Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)	
Pit Location: UL <u>N/A</u> Sect <u> </u> Twp <u> </u> Rng <u> </u> Pit type <u>STEEL TANK</u> Depth to Groundwater <u> </u> Distance from nearest fresh water well <u> </u>	
Distance from nearest surface water <u> </u> Below-grade Tank Location: UL <u> </u> Sect <u> </u> Twp <u> </u> Rng <u> </u> : feet from the <u>N/A</u> line and <u> </u> feet from the <u> </u> line	WILL USE STEEL TANK

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

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 <u>Marissa Atkins</u>	TITLE <u>Production Analyst</u>	DATE <u>11/29/04</u> <u>12/20/04</u>
Type or print name	E-mail address: <u> </u>	Telephone No. <u> </u>
(This space for State use)		
APPROVED BY <u> </u>	THIS FORM CANNOT BE PROCESSED DUE TO LACK OF INFORMATION. PLEASE SEE HIGHLIGHTED AREA AND/OR NOTED PROBLEM.	
Conditions of approval, if any:	DATE <u>11/5/05</u> MUST BE THE PONS.	

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 @ 3870' (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 @ 10,480' 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.