

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-101
Revised March 17, 1999

RECEIVED

Submit to appropriate District Office
MAR 22 2004
State Lease - 6 Copies
Fee Lease - 5 Copies

OCD-ARTESIA

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address HARVEY E YATES COMPANY, PO BOX 1933, ROSWELL NM 88202		² OGRID Number 10179
		³ API Number 30 - 015- 30960
⁴ Property Code 12958	⁵ Property Name LOCO HILLS WELCH	⁶ Well No. #04

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	4	18 S	R 29 E		1980	SOUTH	2310	EAST	EDDY

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

⁹ Proposed Pool 1

¹⁰ Proposed Pool 2

~~FIRST BONE SPRING SAND~~

UNDES. LOCO HILLS; Bone Springs

¹¹ Work Type Code R	¹² Well Type Code G	¹³ Cable/Rotary N/A	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3528
¹⁶ Multiple N	¹⁷ Proposed Depth 7440' (CIBP+35' CMT)	¹⁸ Formation ATOKA	¹⁹ Contractor N/A	²⁰ Spud Date N/A

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	400'	425	(EXISTING)
12 1/4"	8 5/8"	32#	3100'	1200	(EXISTING)
7 7/8"	5 1/2"	17#	11250'	1200	(EXISTING)

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

WE PROPOSE TO PLUG BACK AND RECOMPLETE AS FOLLOWS:

1. SET CIBP @ 10,375' +/- WITH 35' CEMENT ON TOP OF PLUG.
2. SET CIBP @ 7,475' +/- WITH 35' CEMENT ON TOP OF PLUG.
3. TEST CIBP TO 1000# FOR 15 MINUTES.
4. PERFORATE 1ST BONE SPRING SAND FROM 6,090' - 6,130' OAL, STIMULATE & TEST WELL.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Jeannette Atkinson*

Printed name: JEANNETTE ATKINSON

Title: PRODUCTION ANALYST

Date: 03/22/04

Phone: (505)623-6601

OIL CONSERVATION DIVISION

Approved by: *John D. [Signature]*

Title:

Approval Date: MAR 31 2004

Expiration Date:

MAR 31 2005

Conditions of Approval:

Attached ☐

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-30960	² Pool Code 76375	³ Pool Name LOCO HILLS BONE SPRING
⁴ Property Code 12958	⁵ Property Name LOCO HILLS WELCH	⁶ Well Number # 4
⁷ OGRID No. 10179	⁸ Operator Name Harvey E. Yates Company	⁹ Elevation 3528


¹⁰ Surface Location

UL or lot no. J	Section 4	Township 18 SOUTH	Range 29 EAST	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 2310	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature JEN ATKINSON Printed Name PROD ANALYST email: jatkinson@heyco.org Title and E-mail Address 3/30/2004 Date
				¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> (ORIGINAL submitted previously) BY RONALD EIDSON Date of Survey 1/20/2000 Signature and Seal of Professional Surveyor: CERTIFICATE #3239 Certificate Number