

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE
(See other instructions
on reverse side)N.M. Oil Cons. Division
1625 N. Fren Dr.
Hobbs, NM 88240FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NM-40448	
1b. TYPE OF COMPLETION: NEW <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF-GENVR <input checked="" type="checkbox"/> Other RECOMPLETION		7. UNIT AGREEMENT NAME FEDERAL AF #1	
2. NAME OF OPERATOR HARVEY E. YATES COMPANY		9. API WELL NO. 30-025-27406 <i>SW</i>	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 1933, ROSWELL, NM 88202 505-623-6601		10. FIELD AND POOL, OR WILDCAT <i>N Young</i> DELAWARE	
4. LOCATION OF WELL At surface 1,980' FSL & 1,980' FWL At top prod. interval reported below At total depth		11. SEC. T., R., OR BLOCK AND SURVEY OR AREA SEC 8, T18S, R32E	
15. DATE SPUDDED		12. COUNTY OR PARISH LEA	
16. DATE T.D. REACHED		13. STATE NEW MEXICO	
17. DATE COMP (Ready to prod.) 12/20/00		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
20. TOTAL DEPTH, MD & TVD 8,180'		19. ELEV. CASINGHEAD	
21. PLUG, BACK T.D., MD & TVD 8,180'		22. IF MULTIPLE COMPLETIONS, LIST INTERVALS, DEPTHS, AND TVDS	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM NAME (MD AND TVD)* 5,008-5,022'		25. WAS DIRECTIONAL SURVEY MADE?	
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED?	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET	HOLESIZE
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	DEPTH SET (MD)
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
33. PRODUCTION			
DATE FIRST PRODUCTION 12/19/00			
PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) PUMPING			
WELL STATUS (Producing or shut-in) PRODUCING			
DATE OF TEST 1/6/01	HOURS TESTED 24	CHOKER SIZE 35	PROD'N. FOR TEST PERIOD OIL-BBL. 35
FLOW, TUBING PRESS	CASING PRESSURE	24-HOUR RATE CALCULATED 35	OIL-BBL. 14
34. DISPOSITION OF (Sold, used for fuel, vented, etc.) SOLD		TEST WITNESSED BY ROBERT GRIFFIN	
35. LIST OF ATTACHMENTS C-104			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			
SIGNED <i>Dianna Rodgers</i> TITLE PRODUCTION ANALYST DATE 1/25/01			

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		
North Young Delaware		4970			NAME	TOP
					MEASURED DEPTH	TRUE V.D.

38. GEOLOGIC MARKERS

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-27406S2	² Pool Code 65355	³ Pool Name North Young Delaware
⁴ Property Code	⁵ Property Name Federal AF	⁶ Well Number #1
⁷ OGRID No. 10179	⁸ Operator Name Harvey E. Yates Company	⁹ Elevation 3,776.6 RDB

¹⁰ Surface Location


UL or lot no. K	Section 8	Township 18S	Range 32E	Lot Idn.	Feet from the 1,980	North/South line South	Feet from the 1,980	East/West line West	County Lea
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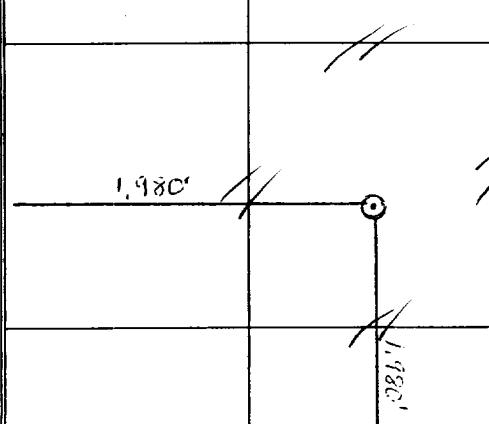
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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				<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p></p> <p>Signature _____</p> <p>Printed Name <u>Dianna Rodgers</u></p> <p>Title _____</p> <p>Date <u>February 21, 2001</u></p> <p>Date _____</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>Certificate Number _____</p>



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT ORIGINAL + 6 COPIES

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

2. Name of Operator
Harvey E. Yates Company

5. Lease Designation and Serial No.
NM-40448

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Federal AF #1

9. API Well No.

30-025-27406

10. Field and Pool, or Exploratory Area

P.O. Box 1933, Roswell, NM 88202

Young Bone Spring North

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FSL & 1980' FWL

Sec 8, T18S, R32E

11. County or Parish, State

Lea County, NM

12. CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

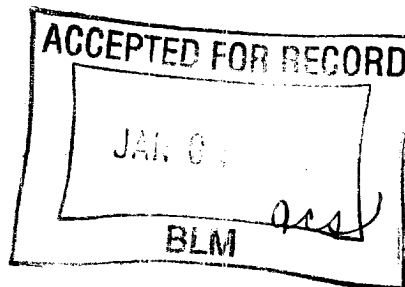
- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Perforate/acidize**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If wells directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12/11/00 Set CIBP @ 8,300'.
12/13/00 Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).
12/15/00 Acidize w/2,000 gals 15% NEFE.
12/16/00 Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF & 75,200# 16/30 white sand.
12/18/00 Well placed back on production 4:00 pm.



14. I hereby certify that the foregoing is true and correct

Signed

Dianna Rodgers
Dianna Rodgers

Title

Production Analyst

Date

3-Jan-01

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ORIGINAL DISTRICT SUPERVISOR

Date

2A N Young RS

RECEIVED

JAN 04 2000

BLM
ROSWELL, NM