

Submit 3 copies To Appropriate district
Office

DISTRICT I

1625 N. French Dr., Hobbs NM 88240

DISTRICT II

P.O. Drawer DD, 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 Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105

Revised 1-1-89

WELL API NO 30-025-12712							
5. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>							
6. State Oil & Gas Lease No. VA-5444							
7. Lease Name or Unit Agreement Name Big Hat State Unit							
8. Well No. 1							
9. Pool Name or Wildcat Sombrero Morrow							
10. Date Spudded 6/30/02							
11. Date T.D. Reached 8/24/02							
12. Date Completed (Ready to Prod) 9/5/02							
13. Elevations (DF & RKB, RT, GR, etc.) 4216' GR							
14. Elev. Casinghead							
15. Total Depth 13470'							
16. Plug Back T.D. 13419'							
17. If Multiple Compl. How Many Zones?							
18. Intervals Drilled by							
Rotary Tools							
Cable Tools							
19. Producing Interval (s), of this completion - Top, Bottom, Name 13167-13186' Morrow							
20. Was Directional Survey Made No							
21. Type Electric and Other Logs Run CNL/BCS/Laterlog							
22. Was Well Cored No							
23. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
13-3/8"	48#	407'	17-1/4"	In Place			
8-5/8"	24#	4444'	11"	In Place			
5-1/2"	17# & 20#	13470'	7-7/8"	2120 sx	TOC @ 3470' (CBL)		
24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	13054	13054
26. PERFORATION RECORD (INTERVAL, SIZE, AND NUMBER) 13167-13186' (6 JSPF)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
				DEPTH INTERVAL			AMOUNT AND KIND MATERIAL USED
28. PRODUCTION							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or shut-in)		
Date of Test	Hours Tested	Choke Size	Prod'n for Test Period	Oil - Bbl	Gas-MCF	Water - Bbl	Gas - Oil Ratio
9/6/02	24	24/64"		0	4858	0	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas-MCF	Water - Bbl	Oil Gravity - API	
1400			0	4858	0		
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By Chad Jeter	
30. List Attachments Logs							
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
Signature <u>Stormi Davis</u> Printed Name <u>Stormi Davis</u> Title <u>Regulatory Compliance Technician</u> Date <u>9/9/02</u>							

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

38. GEOLOGIC MARKERS

				NAME	TOP	
FORMATION	TOP	BOTTOM	DESCRIPTION CONTENTS, ETC.		MEAS. DEPTH	TRUE VERT. DEPTH
Glorieta	5770'					
Tubb	7140'					
Abo	7915'					
Wolfcamp	9514'					
Strawn Lm	12070'					
Atoka Sh	12292'					
Morrow	12811'					
Austin	13254'					

District I
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1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-12712	² Pool Code 85620	³ Pool Name Sombrero Morrow
⁴ Property Code 29794	⁵ Property Name Big Hat State Unit	
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	
		⁶ Well Number 1
		⁹ Elevation 4216'

¹⁰ Surface Location

UL or lot no. L/T	Section 2	Township 16S	Range 33E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 660	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 320	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 	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 Stormi Davis Printed Name Regulatory Compliance Technician Title Date 10-30-02