

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

DISTRICT I  
PO Box 1980, Hobbs, NM 88240

DISTRICT II  
PO Drawer DD, Artesia, NM 88210

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

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

WELL API NO. 30-005-21173
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LH-1648

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name Cactus Queen Unit	
b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF <input type="checkbox"/> WELL OVER BACK RESVR OTHER _____		8. Well No. 17	
2. Name of Operator Yates Drilling Company		9. Pool name or Wildcat Chaves QN SE Associated Pool	
3. Address of Operator 105 South 4th Street, Artesia, NM 88210		Gas Area	
4. Well Location Unit Letter N : 660 Feet From The South Line and 1390 Feet From The West Line Section 27 Township 12S Range 31E NMPM Chaves County			
10. Date Spudded 12/23/2003	11. Date T.D. Reached 1/2/2004	12. Date Compl. (Ready to prod.) 1/18/2004	13. Elevations (DF. RKB. RT. GR. ETC.) 4441' GR
14. Elev. Casinghead -			
15. Total Depth 3100'	16. Plug, Back T.D. 3057'	17. If Multiple Compl. How Many Zones?	18. Intervals Rotary Tools Drilled By 40-3100'
19. Producing Interval(s), of this Completion -Top, Bottom, Name 2988'-3000' Queen			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run CNL/LDT, DLL/MSFL			22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	420.36'	12 1/4"	275 sxs. (circ)	
5 1/2"	15.5#	3100'	7 7/8"	500 sxs.	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	2995.35'

26. Perforation Record (Interval, size and number) 2988'-3000', 4 SPF (48 - .38" holes)	27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
	2988-3000'	Acidized w/ 2500 gals 7.5% acid Frac'd w/ 20000# Lite Prop 125, 14/30 & 2000# 20/40 brown ssd.

28. PRODUCTION							
Date First Production 1/18/2004		Production Method (Flowing, gas lift, pumping-size and type of pump) Pumping				Well Status (Prod. or shut-in) Producing	
Date of Test 2/8/2004	Hours Tested 24	Choke Size -	Prod'n For Test Period	Oil - BBL. 4.18	Gas - MCF 11	Water - BBL. 4.68	Gas-Oil Ratio 29943 cf/bbl
Flow Tubing Press. -	Casing Pressure -	Calculated 24- Hour Rate	Oil - BBL. 4.18	Gas - MCF 11	Water BBL. 8	Oil Gravity - API (Comp.) 36.9	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By Greg Boehm	

30. List of Attachments Deviation Survey, Electric Logs
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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>Karen J. Leishman</u>	Printed Name <u>Karen J. Leishman</u>	Title <u>Eng. Tech.</u>	Date <u>2/20/2004</u>

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• This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## Southeastern New Mexico

## Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

No. 1, from ..... to .....  
No 2, from ..... to .....  
No 3, from ..... to .....  
No 4, from ..... to .....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from .....to.....feet.....  
 No 2, from .....to.....feet.....  
 No 3, from .....to.....feet.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

A circular stamp is located in the bottom right corner of the page. The text inside the stamp is arranged in a circular pattern. At the top, it reads "FEB 2004". Below that, it reads "RECEIVED". At the bottom, it reads "Hobbs" and "OCD". The stamp is oriented vertically, with the text "FEB 2004" at the top and "Hobbs" and "OCD" at the bottom.

