

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
811 South First, Artesia, NM 88210

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Form C-105  
Revised 1-1-89

WELL API NO. 30-025-37330
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-6267

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1. 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  Rainbow State
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> Deepen <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____	8. Well No. 4
2. Name of Operator Mack Energy Corporation	9. Pool name or Wildcat Mesa Queen Associated
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960	

4. Well Location Unit Letter <u>E</u> : <u>2310</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>West</u> Line Section <u>17</u> Township <u>16S</u> Range <u>32E</u> NMPM <u>Lea</u> County
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10. Date Spudded 11/9/2005	11. Date TD Reached 11/19/2005	12. Date Compl. (Ready to Prod.) 12/9/2005	13. Elevations (DF & RKB, RT, GR, etc.) 4368' RKB	14. Elev. Casinghead 4359'
15. Total Depth 4280	16. Plug Back TD 4259	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools Yes	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 3654-3678', Queen				20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray	22. Was Well Cored No
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**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	1274	12 1/4	725 sx <sub>4</sub>	None
5 1/2"	15.5 & 17	4272	7 7/8	950 sx	None

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH-SET	PACKER SET
					2 3/8	3711	

26. Perforation record (interval, size, and number)  3654-3678', .45, 49	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3654-3678'	1200 gals 15% HCL
	3654-3678'	8004# LiteProp, 41,223 gals 30# gel
3654-3678'	94,620# 16/30 sand, 51,731 gals 40# gel	

28. PRODUCTION							
Date First Production 12/11/2005		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 x 1 1/2 x 20' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 12/28/2005	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 31	Gas - MCF tstm	Water- Bbl. 66	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 31	Gas - MCF tstm	Water- Bbl. 66	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) vented	Test Witnessed By Robert C. Chase
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30. List Attachments Deviation Survey and 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>Jerry W. Sherrell</u>	Printed Name Jerry W. Sherrell	Title Production Clerk	Date 1/16/2005

## INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico    Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2483	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2778	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3368	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3778	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4144	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....

## IMPORTANT WATER SANDS

**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 .....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology