

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. 30-025-36309
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. A-983

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name Sapphire State
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____	8. Well No. 5
2. Name of Operator Mack Energy Corporation	9. Pool name or Wildcat San Andres
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960	

4. Well Location Unit Letter <u>A</u> : <u>990</u> Feet From The <u>North</u> Line and <u>490</u> Feet From The <u>East</u> Line Section <u>23</u> Township <u>23S</u> Range <u>36E</u> NMPM <u>Lea</u> County
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10. Date Spudded 7/15/2003	11. Date TD Reached 7/28/2003	12. Date Compl. (Ready to Prod.) 11/17/2003	13. Elevations (DF & RKB, RT, GR, etc.) 3370' RKB	14. Elev. Casinghead 3354'
15. Total Depth 3867'	16. Plug Back TD 3724'	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 3706.5-3708.5', San Andres				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

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	68	314'	17 1/2	325 sx	None
9 5/8	52.5	3530'	12 1/4	1800 sx	None
5 1/2	17	3866'	7 7/8	705 sx	None

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	3706.5-3708.5'	
26. Perforation record (interval, size, and number) 3706.5-3708.5', .41, 3				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3706.5-3708.5' 400 gals 15% NEEF 3706.5-3708.5' 1000 gals 15% NEEF			

28. PRODUCTION							
Date First Production 11/19/2003		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2x2x20' Pump					
Date of Test 11/25/2003	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 3	Gas - MCF 1	Water- Bbl. 94	Gas - Oil Ratio 333
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 3	Gas - MCF 1	Water- Bbl. 94	Oil Gravity - API - (Corr.) 31	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Robert C. Chase
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30. List Attachments Deviation Survey, 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 <u>Jerry W. Sherrell</u>	Title <u>Production Clerk</u>	Date <u>12/30/2003</u>

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 _____ 2886	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3120	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3450	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3646	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	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
No. 3, from to
No. 4, 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