

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. 30-025-37158
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-4199

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name Trout State
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____	8. Well No. 3
2. Name of Operator Mack Energy Corporation	9. Pool name or Wildcat Mesa Queen/Anderson Ranch Grayburg
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>18</u> Township <u>16S</u> Range <u>32E</u> NMPM <u>Lea</u> County

10. Date Spudded 8/11/2005	11. Date TD Reached 8/22/2005	12. Date Compl. (Ready to Prod.) 9/1/2005	13. Elevations (DF & RKB, RT, GR, etc.) 4384' RKB	14. Elev. Casinghead 4375'
15. Total Depth 4240	16. Plug Back TD 4215	17. If Multiple Compl. How Many Zones? 	18. Intervals Drilled By 	Rotary Tools Yes ☒ No ☐ Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 3634-3657' Queen, 4094.5-4120' Grayburg	20. Was Directional Survey Made Yes ☒ No ☐
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21. Type Electric and Other Logs Run Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray	22. Was Well Cored No ☒ Yes ☐
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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	54.5	351	17 1/2	500 sx	None
8 5/8	32	2502	12 1/4	1000 sx	None
5 1/2	15.5 & 17	4232	7 7/8	1150 sx	None

24. LINER RECORD	25. TUBING RECORD
SIZE 	SIZE 2 3/8
TOP 	DEPTH SET 4137
BOTTOM 	PACKER SET
SACKS CEMENT 	
SCREEN 	

26. Perforation record (interval, size, and number) 3634-3657', .45, 47 4094.5-4120', .45, 22	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED See C-103 for detail
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28. PRODUCTION							
Date First Production 9/1/2005		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 9/13/2005	Hours Tested 24 hours	Choke Size 	Prod'n For Test Period 	Oil - Bbl. 33	Gas - MCF tstrn	Water - Bbl. 203	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	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

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 <i>Jerry W. Sherrell</i>	Printed Name Jerry W. Sherrell	Title Production Clerk	Date 10/31/2005

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INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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 _____ 2471	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2762	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3354	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3758	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4122	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. Permian _____	T. _____
T. Cisco (Bough C) _____	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