

State of New Mexico
Energy, Minerals and Natural Resources Department

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

WELL API NO. 30-025-37095	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. OG-1999	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

4. Well Location Unit Letter <u>O</u> : <u>990</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>East</u> Line	
Section <u>35</u>	Township <u>17S</u> Range <u>33E</u> NMPM <u>Lea</u> County

10. Date Spudded 6/14/2005	11. Date TD Reached 6/22/2005	12. Date Compl. (Ready to Prod.) 9/23/2005	13. Elevations (DF & RKB, RT, GR, etc.) 4134' RKB	14. Elev. Casinghead 4123' GR
15. Total Depth 4970	16. Plug Back TD 4665'	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 4412.5-4615', GB/SA				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

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	12 1/4	245 sx	None
5 1/2"	15.5	4958	7 7/8	1352 sx	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4620	

26. Perforation record (interval, size, and number) 4687-4877', .45, 74, SV @ 4665' 4412.5-4615', .45, 52	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	See C-103 for detail	

28. PRODUCTION							
Date First Production 9/28/2005		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 x 1 1/2 x 24' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 10/22/2005	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 20	Gas - MCF 49	Water- Bbl. 325	Gas - Oil Ratio 2450
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 20	Gas - MCF 49	Water- Bbl. 325	Oil Gravity - API - (Corr.)	

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 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 11/10/2005

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 _____ 2888	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3278	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3898	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4266	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4629	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	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