

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. 30-025-37337
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VB-638

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 Gar 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. 3	
2. Name of Operator Mack Energy Corporation		9. Pool name or Wildcat Hume Queen West/Hume Grayburg West	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960			
4. Well Location Unit Letter <u>A</u> : <u>330</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>East</u> Line Section <u>23</u> Township <u>16S</u> Range <u>33E</u> NMPM <u>Lea</u> County			
10. Date Spudded 6/2/2006	11. Date TD Reached 6/14/2006	12. Date Compl. (Ready to Prod.) 7/5/2006	13. Elevations (DF & RKB, RT, GR, etc.) 4192' RKB
14. Elev. Casinghead 4179' GR			
15. Total Depth 5325	16. Plug Back TD 4765	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools Yes
19. Producing Interval(s), of this completion - Top, Bottom, Name 4388-4408', Grayburg, 3936-3958', 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

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8, J-55	24	1517	12 1/4	850sx	None
5 1/2, J-55	17	5322	7 7/8	1445sx	None

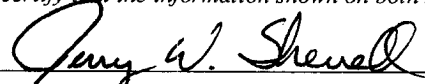
24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	4420	

26. Perforation record (interval, size, and number) 4867-5105', .42, 50-CIBP @ 4800' w/35' cement cap 4388-4408', .42, 32 3936-3958', .42, 45	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4867-5105'	See C-103 for detail
	4388-4408'	See C-103 for detail
3936-3958'	See C-103 for detail	

28. PRODUCTION							
Date First Production 7/5/2006		Production Method (Flowing, gas lift, pumping - Size and type pump) 2" x 1 1/2" x 16' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 8/4/2006	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 67	Gas - MCF 60	Water- Bbl. 255	Gas - Oil Ratio 896
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 67	Gas - MCF 60	Water- Bbl. 255	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 	Printed Name Jerry W. Sherrell	Title Production Clerk	Date 8/31/2006

1.

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 _____ 2736	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3033	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3639	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4067	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4434	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