

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

WELL API NO. 30-025-37813	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. B-1565	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Black Bass State	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		8. Well No. 1	
2. Name of Operator Mack Energy Corporation		9. Pool name or Wildcat Hume, Queen West	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960			
4. Well Location <u>BHL @ C-24-16S-33, 305/W & 1625/W</u>			
Unit Letter <u>C</u>	: <u>75</u> Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>West</u> Line		
Section <u>24</u>	Township <u>16S</u>	Range <u>33E</u>	NMPM <u>Eddy Lea</u> County

10. Date Spudded 5/6/2006	11. Date TD Reached 5/17/2006	12. Date Compl. (Ready to Prod.) 6/29/2006	13. Elevations (DF & RKB, RT, GR, etc.) 4169' RKB	14. Elev. Casinghead 4157' GR
15. Total Depth 6035	16. Plug Back TD 4365	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 3950-3970', 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	1506	12 1/4	800sx	None
5 1/2, J-55	17	5934	7 7/8	1638sx	None

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	4005

26. Perforation record (interval, size, and number) 4477-5107', .42, 93-CIBP @ 4400' w/35' cement cap 3950-3970', .42, 42	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4477-5107'	See C-103 for detail
3950-3970'	See C-103 for detail	

28. PRODUCTION							
Date First Production 7/1/2006		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 2 x 24' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 7/10/2006	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 19	Gas - MCF tstm	Water- Bbl. 168	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 19	Gas - MCF tstm	Water- Bbl. 168	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 Jerry W. Sherrell Printed Name Jerry W. Sherrell Title Production Clerk Date 7/20/2006

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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 _____ 2746	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3047	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3660	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4180	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4435	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.....

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology