

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. 30-015-34143	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. B-2613	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____						7. Lease Name or Unit Agreement Name Willow State			
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____						8. Well No. 7			
2. Name of Operator Mack Energy Corporation						9. Pool name or Wildcat Fren Paddock			
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960									
4. Well Location Unit Letter <u>P</u> : <u>330</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>17S</u> Range <u>31E</u> NMPM <u>Eddy</u> County									
10. Date Spudded 6/22/2005		11. Date TD Reached 7/5/2005		12. Date Compl. (Ready to Prod.) 7/23/2005		13. Elevations (DF & RKB, RT, GR, etc.) 3850' RKB		14. Elev. Casinghead 3841'	
15. Total Depth 5325		16. Plug Back TD 5298		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 4959.5-5219', Paddock							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	499	12 1/4	500 sx	None
5 1/2"	17	5311	7 7/8	2625 sx	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	5249	

26. Perforation record (interval, size, and number) 4959.5-5219', .45, 84				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED			
				4959.5-5219' 5000 gals 15% HCL			
				4959.5-5219' 32,000 gals 20% HCL, 54,000 gals 40# gel			
				4959.5-5219' 5000 gals 15% HCL			

28. PRODUCTION							
Date First Production 7/29/2005		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 2 x 16' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 8/9/2005	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 42	Gas - MCF 95	Water- Bbl. 335	Gas - Oil Ratio 2261
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 42	Gas - MCF 95	Water- Bbl. 335	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							
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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>8/16/2005</u>	

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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 _____ 1716	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2045	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2651	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3023	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3370	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 4868	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. _____

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

From	To	Thickness in Feet	Lithology