

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
-15F
B2M
B2M
5269

WELL API NO.	30-015-32502
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	E-4201

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name State S-19	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐		8. Well No. 6	
2. Name of Operator Mack Energy Corporation		9. Pool name or Wildcat Empire Yeso	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960			
4. Well Location Unit Letter <u>J</u> : <u>1650</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>East</u> Line Section <u>19</u> Township <u>17S</u> Range <u>29E</u> NMPM <u>Eddy</u> County			
10. Date Spudded 12/3/2002	11. Date TD Reached 12/12/2002	12. Date Compl. (Ready to Prod.) 12/30/2002	13. Elevations (DF & RKB, RT, GR, etc.) 3671' RKB
14. Elev. Casinghead 3662'			
15. Total Depth 4230'	16. Plug Back TD 4211'	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 3818-4149', Yeso			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
13 3/8	48	356'	17 1/2	350 sx	None
8 5/8	24	801'	12 1/4	525 sx	None
5 1/2	17	4224'	7 7/8	915 sx	None

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	4166'

26. Perforation record (interval, size, and number) 3818-4149', .45, 92			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
			3818-4149'	2500 gals 15% NEFE	
			3818-4149'	32000 gals 20% HCL, 54000 gals 40# gel	
			3818-4149'	5000 gals 15% acid	

28. PRODUCTION							
Date First Production 1/2/2003		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2x2x16' Pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 1/15/2003	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 125	Gas - MCF 198	Water- Bbl. 150	Gas - Oil Ratio 1584
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 125	Gas - MCF 198	Water- Bbl. 150	Oil Gravity - API - (Corr.) 39	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Robert C. Chase	

30. List Attachments

Deviation Survey, 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 Crissa D. Carter Printed Name Crissa D. Carter Title Production Analyst Date 1/23/2003

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be 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 _____ 758	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1020	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1596	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 2282	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3708	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. _____

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