

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. 30-015-34069
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-5665

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name Southern Cross 15 State
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____	8. Well No. 3Y
2. Name of Operator Mack Energy Corporation	9. Pool name or Wildcat Penasco Draw; Permo Penn (Gas)
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960	

4. Well Location Unit Letter <u>F</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>1930</u> Feet From The <u>West</u> Line Section <u>15</u> Township <u>18S</u> Range <u>24E</u> NMPM <u>Eddy</u> County	10. Date Spudded 5/25/2005	11. Date TD Reached 6/16/2005	12. Date Compl. (Ready to Prod.) 7/15/2005	13. Elevations (DF & RKB, RT, GR, etc.) 3767' RKB	14. Elev. Casinghead 3751'
15. Total Depth 6540	16. Plug Back TD 6540	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 6250-6540', Penn					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"	54	450	17 1/2	1030 sx	None
9 5/8"	36	1184	12 1/4	780 sx	None
7"	26	6250	8 3/4	690 sx	None

24. LINER RECORD	25. TUBING RECORD
SIZE TOP BOTTOM SACKS CEMENT SCREEN	SIZE DEPTH SET PACKER SET
	2 3/8 6190 6190

26. Perforation record (interval, size, and number) 6250-6540', Open Hole	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 6250-6540', Open Hole 2500 gals 15% HCL & 40,000 scf N2 6250-6540', Open Hole 20,000 gals 15% HCL, 120 tons CO2
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28. PRODUCTION							
Date First Production 7/23/2005		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 8/8/2005	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 4	Gas - MCF 62	Water- Bbl. 0	Gas - Oil Ratio 15,500
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 4	Gas - MCF 62	Water- Bbl. 0	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Robert C. Chase	

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 <u>Jerry W. Sherrell</u>	Printed Name Jerry W. Sherrell	Title Production Clerk	Date 8/17/2005

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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 1884	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 3212	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 3860	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5266	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) Est. 6219	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