

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. 30-025-28865
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-10784

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Crow Star	
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 Willcat Vacuum Grayburg-San Andres	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960			
4. Well Location Unit Letter <u>J</u> : 1980 Feet From The <u>South</u> Line and <u>1980</u> Feet From the <u>East</u> Line Section <u>9</u> Township <u>18S</u> Range <u>34E</u> NMPM <u>Lea</u> County			
10. Date Spudded 7/6/2004	11. Date TD Reached 7/10/2004	12. Date Compl. (Ready to Prod.) 9/7/2004	13. Elevations (DF & RKB, RT, GR, etc.) 4047' RKB
14. Elev. Casinghead 4043'			
15. Total Depth 8927	16. Plug Back TD 6170	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 5031.5-5305.5', GB-SA			20. Was Directional Survey Made No
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	518	17 1/2	550 sx	None
8 5/8	24	3586	12 1/4	1650 sx	None
5 1/2	17	7236	7 7/8	1470 sx	None

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	5339

26. Perforation record (interval, size, and number) 5031.5-5305.5, 45, 102	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5031.5-5305.5'	See Detail on C-103
	5031.5-5305.5'	See Detail on C-103

28. PRODUCTION							
Date First Production 9/8/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 2 x 20' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 10/8/2004	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 63	Gas - MCF tstm	Water - Bbl. 116	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 63	Gas - MCF tstm	Water - Bbl. 116	Oil Gravity - API - (Corr.) 38	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) tstm						Test Witnessed By Robert C. Chase	

30. List Attachments

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 10/20/2004

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 _____ 3626	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4336	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4848	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 5100	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 _____ 5584	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____ 6033	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