

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. 30-015-32562
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-6248

WELL COMPLETION OR RECOMPLETION REPORT AND LOG															
1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐					7. Lease Name or Unit Agreement Name Coyote State										
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐					8. Well No. 4										
2. Name of Operator Mack Energy Corporation					9. Pool name or Wildcat Undesignated Maljamar GB SA										
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960															
4. Well Location Unit Letter <u>J</u> : <u>2310</u> Feet From The <u>South</u> <u>1650</u> Feet From The <u>East</u> Line Section <u>36</u> Township <u>17S</u> Range <u>31E</u> NMPM <u>Eddy</u> County															
10. Date Spudded 2/5/2003		11. Date TD Reached 2/21/2003		12. Date Compl. (Ready to Prod.) 3/13/2003		13. Elevations (DF & RKB, RT, GR, etc.) 3845' RKB		14. Elev. Casinghead 3835'							
15. Total Depth 5012'		16. Plug Back TD 4958		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 4234-4671' GB/SA								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							
23. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
13 3/8 H-40		68		826'		17 1/2		650 sx		None					
8 5/8 J-55		24		2188'		12 1/4		900 sx		None					
5 1/2 J-55		17		4971'		7 7/8		1010 sx		None					
24. LINER RECORD										25. TUBING RECORD					
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE	DEPTH SET	PACKER SET			
										2 7/8		4681'			
26. Perforation record (interval, size, and number) 4234-4671', .45, 43						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.									
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED							
						4626-4671'		7000 gals acid, 20,000 gals 40# gel, 7200# sand							
						4234-4358.5'		2500 gals 15% NEFE							
						4234-4358.5'		45,000 gals 40# gel, 186,000# sand							
28. PRODUCTION															
Date First Production 3/14/2003		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2x2x24' Pump						Well Status (Prod. or Shut-in) Producing							
Date of Test 3/14/2003		Hours Tested 24 hours		Choke Size		Prod'n For Test Period		Oil - Bbl. 49		Gas - MCF 54		Water- Bbl. 600		Gas - Oil Ratio 1102	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl. 49		Gas - MCF 54		Water- Bbl. 600		Oil Gravity - API - (Corr.) 40			
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 <i>Crissa D. Carter</i>		Printed Name Crissa D. Carter		Title Production Analyst		Date 4/30/2003									

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 _____ 2206	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2620	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3244	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3623	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4060	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

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

PO BOX 1370

ARTESIA, NEW MEXICO 88211-1370

(505) 746-4405 746-3518 748-2205

February 26, 2003

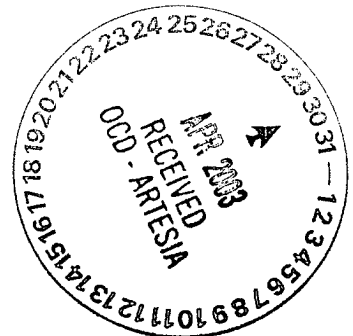
Mack Energy Corporation
PO Drawer 960
Artesia, NM 88211-0960

RE: Coyote State #4
2310' FSL & 1650' FEL
Sec. 36, T17S, R31E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION
237'	1/4°	2189'	3 1/2°	3881'	4°
454'	3/4°	2262'	2 3/4°	3943'	4°
557'	3/4°	2386'	3°	4038'	4 1/4°
650'	1 1/2°	2480'	2 1/2°	4099'	4 1/4°
786'	3 1/2°	2635'	2 1/2°	4161'	4 1/4°
835'	3 1/2°	2762'	2 1/4°	4222'	4 3/4°
898'	3 3/4°	2962'	2 3/4°	4285'	4 1/4°
960'	3 1/2°	3012'	3°	4345'	4 1/2°
1085'	3 1/4°	3106'	3°	4438'	4 1/4°
1177'	2°	3230'	3 1/2°	4479'	3 3/4°
1302'	2 1/4°	3324'	4°	4560'	4°
1425'	2°	3447'	4°	4652'	3 3/4°
1548'	1 1/2°	3510'	4°	4724'	3°
1702'	1 1/2°	3665'	4 1/4°	4881'	3 1/4°
1824'	2°	3790'	4°	5012'	3 1/4°
2022'	2°	3860'	4°		



RECEIVED

Very truly yours,

Eddie C. LaRue
Vice President

FEB 26 2003

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 26th day of February, 2003.

Notary Public