

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator
Mack Energy Corporation

3. Address of Operator
P.O. Box 960, Artesia, NM 88211-0960

4. Well Location
Unit Letter K : 1725 Feet From The South Line and 2100 Feet From The West Line

Section 36 Township 17S Range 31E NMPM Eddy County

10. Date Spudded
10/3/2002

11. Date TD Reached
10/17/2002

12. Date Compl. (Ready to Prod.)
11/19/2002

13. Elevations (DF & RKB, RT, GR, etc.)
3844' RKB

14. Elev. Casinghead
3832'

15. Total Depth
4870'

16. Plug Back TD
4804'

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
4275-4419.5' San Andres

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	48	804'	17 1/2	650 sx	None
8 5/8	32	2190'	12 1/4	850 sx	None
5 1/2	17	4804'	7 7/8	1090 sx	None

24.
LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.
TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	4447'	

26. Perforation record (interval, size, and number)
4275-4419.5', .45, 31

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4275-4419.5'	3000 gals 15% HCL
4275-4419.5'	140,000 gals 40# gel
4275-4419.5'	206,100# Sand

28.
PRODUCTION

Date First Production
11/12/2002

Production Method (Flowing, gas lift, pumping - Size and type pump)
2 1/2x2x24' Pump

Well Status (Prod. or Shut-in)
Producing

Date of Test
11/20/2002

Hours Tested
24 hours

Choke Size

Prod'n For Test Period

Oil - Bbl.
25

Gas - MCF
35

Water- Bbl.
480

Gas - Oil Ratio
1400

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.
25

Gas - MCF
35

Water- Bbl.
480

Oil Gravity - API - (Corr.)
38

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

Printed Name
Crissa D. Carter

Title
Production Analyst

Date
12/13/2002

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 2218	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 2640	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 3284	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4233	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.3, from.....to.....
No. 2, 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