

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 10 2007
OCD-ARTESIA

FORM APPROVED
Budget Bureau No 1004-0135
Expires March 31 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2 Name of Operator

Mack Energy Corporation

3 Address and Telephone No

P.O. Box 960, Artesia, NM 88211-0960 (505)748-1288

4 Location of Well (Footage, Sec, T, R, M or Survey Description)

SHL 735 FNL & 760 FWL, Sec. 35 T18S R23E

5 Lease Designation and Serial No

NM-97850

6 If Indian, Allottee or Tribe Name

7 If Unit or CA, Agreement Designation

8 Well Name and No

Southgate Federal #1

9 API Well No

30-015-35203

10 Field and Pool, or Exploratory Area

Wildcat Wolfcamp

11 County or Parish, State

Eddy, NM

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Completion
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

1/4/2007 Spot 1500 gals 15% HCL.

1/5/2007 Perforated from 8087-9094' 29 holes, 7808-7811' 14 holes, 7528-7532' 13 holes, 7181-7184' 12 holes.

1/8/2007 Frac perms 7181-8094' w/6500 gals 15% HCL, 500 bbls slick water pad, Liteprop 14/30-13,500#, Liteprop 45/65-13,500#, Liteprop 14/30resin-16,000#, 100mesh-11,250#, Fluid pumped 3095 bbls, CO2-204 tons. Set plug @ 6900'. Perforated from 6692-6696' 17 holes, 6466-6470' 16 holes, 6244-6248' 15 holes, 5938-5941' 14 holes. Frac w/Liteprop 14/30-13,500#, Liteprop 45/65-13,500#, Liteprop 14/30resin-16,000#, 100mesh-11,250#, Fluid pumped 3087 bbls, CO2-198 tons. Set plug @ 5675'. Perforated from 5522-5526', 16 holes, 5298-5302' 15 holes, 5110-5513' 14 holes, 4916-4919' 13 holes. Frac w/Liteprop 14/30-13,500#, Liteprop 45/65-13,500#, Liteprop 14/30resin-16,000#, 100mesh-11,250#, Fluid pumped 3042 bbls, CO2-224 tons.

1/10/2007 Drill out plugs.

1/11/2007 RIH set packer @ 4140'. RIH w/131 joints 2 3/8 J-55 tubing and gas valves, circulate 90 bbls packer fluid.

2/13/2007 Waiting on gas line.

14 I hereby certify that the foregoing is true and correct

Signed Jerry W. Sherrill

Title Production Clerk

Date 7/6/07

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any

Title _____

Date _____