

EC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNMOCD
ArtesiaFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**5. Lease Serial No.
NMNM4433
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.8. Well Name and No.
CALGARY FEDERAL 79. API Well No.
30-005-64195-00-X110. Field and Pool, or Exploratory
ROUND TANK-SAN ANDRES11. County or Parish, and State.
CHAVES COUNTY, NM1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
MACK ENERGY CORPORATION Contact: ROBERT CHASE
E-Mail: JERRY@MEC.COM
3a. Address
P.O. BOX 960
ARTESIA, NM 88211-0960
3b. Phone No. (include area code)
Ph: 575-748-1288
Fx: 575-746-9539
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 24 T15S R28E SENW 2310FNL 1600FWL

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

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Deepen |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Fracture Treat |
| | <input type="checkbox"/> Production (Start/Resume) |
| | <input type="checkbox"/> Reclamation |
| | <input type="checkbox"/> Recomplete |
| | <input type="checkbox"/> Temporarily Abandon |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Well Integrity |
| | <input checked="" type="checkbox"/> Other |
| | Drilling Operations |
| | <input type="checkbox"/> Water Disposal |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

11/04/2014 SPUD 12 1/4" HOLE @ 10:00PM.
11/05/2014 TD 12 1/4" HOLE @ 421'. RIH W/ 10JTS 8 5/8", 32#, J-55, ST&C @ 421'. CEMENTED w/ 200sx
RCF C, TAILED 400SX CLASS C 2%. PLUG DOWN @ 8:12AM. NOTIFIED BLM @ 2:45PM ABOUT NOT CIRC CEMENT.
RAN TEMP SURVEY, TOC @ 260'. ONE INCHED, TAG @ 320'. PUMPED 50SX CLASS C, WOC 2HRS & TAGGED @
207'. NOTIFIED BLM @ 6:04PM. PUMPED 50SX CLASS C 2%, WOC 2HRS TAGGED @ 184'. PUMPED 95SX CLASS C
2%, CIRC 62SX. WOC 18HRS TESTED BOP/CASING TO 2000# FOR 30 MINS, HELD OK.
11/7/2014 DRILLING 7 7/8" HOLE @ 595'. PDC BIT PARTED COULDN'T FISH OUT. SHOE JOINT WAS DAMAGED.
BOB HOSKINS W/ BLM GAVE VERBAL APPROVAL @ 5:57PM TO SET KICK OFF PLUG. PUMPED 130SX CLASS H 5%
CEMENT. WOC
11/8/2014 TAGGED KOP @ 553' HAD NO RETURNS. PUMPED 161SX CLASS H 5%, CIRC EXCESS CEMENT. WOC
24HRS.
11/9/2014 TAGGED KOP @ 349'.

Accepted for record

JED NMOCD 11/21/2014

NM OIL CONSERVATION

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #279831 verified by the BLM Well Information System

For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by BEVERLY WEATHERFORD on 11/17/2014 (15BMW0116SE)

ARTESIA DISTRICT

NOV 21 2014

Name (Printed/Typed) DEANA WEAVER

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 11/17/2014

RECEIVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

/s/ Robert Hoskinson

Date

11/19/14

Conditions of approval, if any, are attached. Approval of this notice does not warrant
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.Legal PET
OfficeRoswell Field
Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional data for EC transaction #279831 that would not fit on the form

32. Additional remarks, continued

11/13/2014 TD 7 7/8" HOLE @ 3417. RIH W/ 76JTS 5 1/2" 17#, L-80, LT&C @ 3397'. CEMENT W/ 290SX CLASS C 4%, TAIL 400SX PVL, PLUG DOWN @ 4:00PM, CIRC 206SX. WOC 12 HRS TESTED CASING TO 1500# FOR 30 MINS, HELD OK.
11/14/2014 RELEASED RIG @ 12:00AM.

Revisions to Operator-Submitted EC Data for Sundry Notice #279831

| | Operator Submitted | BLM Revised (AFMSS) |
|----------------|---|---|
| Sundry Type: | DRG SR | DRG SR |
| Lease: | NMNM132673 | NMNM4433 |
| Agreement: | | |
| Operator: | MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88210 Ph: 575-748-1288 | MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960 Ph: 505-748-3436 |
| Admin Contact: | ROBERT CHASE VICE PRESIDENT E-Mail: JERRYYS@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539 | ROBERT CHASE VICE PRESIDENT E-Mail: JERRYYS@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539 |
| Tech Contact: | DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539 | DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539 |
| Location: | | |
| State: | NM | NM |
| County: | CHAVES | CHAVES |
| Field/Pool: | ROUND TANK SAN ANDRES | ROUND TANK-SAN ANDRES |
| Well/Facility: | CALGARY FEDERAL 7 Sec 24 T15S R28E SENW 2310FNL 1600FWL | CALGARY FEDERAL 7 Sec 24 T15S R28E SENW 2310FNL 1600FWL |



Par Five Energy Services, LLC
 11279 Lovington Hwy
 Artesia, NM
 Phone: (575) 748-8610 Fax: (575) 748-8625

ART14-110714-01

Customer: Mack Energy Corp

MD: 660

Report Date: November 10 2014

Well Name: Par five

TVD: 660

Stage: KO Plug

County: Eddy State: Nm

BHST: 85

String: KOP

Rig: Par five 1

BHCT: 76

Blend Type: Field Blend

Salesman: Chris DeLeon

Reported By: Hernandez, Patricia

Slurry Information

Density: 17.50 ppg

Yield: .93 cu ft/sk

Mix Fluid: 3.363 gal/sk

Slurry Composition

Cement Blend: Class H

Additive
PF-065

Conc
0.50% %

Design Description
BWOB TIC Dispersant

Lot Number
04110

Rheology (Average Readings)

| Temp | 3 | 6 | 100 | 200 | 300 | PV | YP |
|-------|-----|---|------|-------|-----|--------|-------|
| 80 °F | 2.5 | 4 | 82.5 | 154.5 | 227 | 216.75 | 10.25 |

Thickening Time

| Temp | POD | 30 Bc | 50 Bc | 70 Bc | 100 Bc | Batch Time |
|------|------|-------|-------|-------|--------|------------|
| °F | 3:11 | 3:37 | 3:51 | 4:00 | | 0 |

Thickening Time does not include batch time.

Free Fluid

| Temp | Incl | ml Collected | Start Time | Stop Time |
|-------|------|--------------|------------|-----------|
| 80 °F | 0 | 0 ml/250 | 8:20 | 9:20 |

UCA Compressive Strength

| Temp | 50 psi | 500 psi | 12 hr | 24 hr | 48 hr | 72 hr |
|------|--------|---------|-------|-------|-------|-------|
| 85 | 4:58 | 6:51 | 2541 | 4780 | | |

Comments