OCD Hobbs
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Form 3160-5
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 26 2015
RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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 page 2.*

5. Lease Serial No.
NM 932230

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Madera 19 Federal Com #4H

2. Name of Operator
RMR Operating, Inc.

9. API Well No.
30-025-41492

3a. Address
2515 McKinney Avenue, Suite 900
Dallas, Texas 75021

3b. Phone No. *(include area code)*
214-871-0400

10. Field and Pool or Exploratory Area
Jabalina; Delaware, Southwest

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Surface 330' FSL & 1980' FWL Sec. 19, T-26S, R-35E
BHL 2310' FSL & 2216' FWL Sec 18, T-26S, R-35E

11. County or Parish, State
Lea County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Correction to previous sundries on TD & Omitted hole size
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Please See Attachment

ACCEPTED FOR RECORD
JAN 22 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Donna Stratton

Title Regulatory Analyst

Signature Donna Stratton

Date 04/04/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title FIELD MANAGER

Date JAN 29 2015

Conditions of approval, if any, are attached. Approval of this notice does not warrant or 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.

Office CARLSBAD 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, matter within its jurisdiction.

E-PERMITTING
P&A NR_____ P&A R_____
INT to P&A_____
CSNG MB CHG Loc_____
TA_____

Madera 19 Federal Com 4H
API 30-025-41492

Set 100' of 20" conductor.
Spud Well on 11/29/2013 at 2:30 AM Mountain Standard Time
12/01/2013 Surface Casing And Cement

Ran 1179', 13-3/8", 17-1/2" Hole Size, 54.5 ppf, J-55 casing. Set @ 1,174'. Circulated bottums up. Cement lead: 755 sc C. Slurry wt 13.5 ppg, Yield 1.75 cuft/sx Tail: 370 sx C. Slurry wt 14.8 ppg. Yield 1.35 cuft/sx. Displaced with 176 bbls fresh water. Differential pressure 360 psi. Bump plud with 890 psi. Floats held. Circulated 125 bbls = 401 sx cement. WOC.
12/8/2013 Intermediate casing & Cement

Ran 5,393' of 9-5/8", 12-1/4" Hole Size, L-80, 40.0 ppf casing. Washed casing 20 ft to bottom (20' fill) 5,370'-5,390'. Picked up 1'. Circulated bottoms up. Cement Lead: 1450 sx HLC. Slurry wt 12.9 ppg. Yield 1.89 Cuft/sx. Tall: 310 sx HalCem C. Slurry wt 14.8. Yield 1.33 cuft/sx. While displacing pressure spiked from 860 psi to 1350 psi. Lost returns with 110 bbls left on displacement. Slowed pump rate from 7 bpm to 3 bpm. Did not get returns. WOC. Called BLM and was instructed to get temperature survey.
12/9/2013 WOC. Ran temperature survey. Top of cement @ 35'. BLM Representative witnessed survey. Was instructed that no further cementing would be necessary.

Plugged Lateral
The back off was at 8,933' to bit at 12,986', ran in hole with disconnect, and drill pipe, screwed into fish. RU Halliburton circulated cement from bit at 12,986'
to 8675' Cement 12.6# Halid Lite 945 sacks 324 Bbls 1.93 yield 10.56 gals/sack.. Pulled to 40K over weight and released from disconnect, pulled out of hole
with drill pipe. Ran in hole and tagged plug at 8,675', spotted class H 17.2# kick off cement, to 7,950'. Pulled out of hole with 4 1/2" drill pipe, lateral was
kicked off at 8,455' we were 90 degrees at 9,307' to 16,035', the total length of lateral is 6,728'.
The lateral was cemented from 12,986' to 7950', the lateral
from 12,986 to 16,035 is open hole lateral.

Side Track Lateral
Picked up 5" string drill pipe and drilled new curve and lateral as indicated in plan Ran Peak open hole system as proposed in orginal APD, with 5 1/2" HC
P-110 GBCD with stage tools to circulate cement as proposed in orginal APD. The new lateral was kicked off to the East of the orginal lateral and stayed within the boundries of this proration unit.
Kickoff at 9,540, TVD 9,054, TD 15,843

Madera 19 Federal Com 4H
API 30-025-41492
(Continued)

2/25/2014 Run production 5-1/2", Hole Size 8-3/4", 20 ppf. P -110 casing. Work through tight spot f/ 11,619'-11,625'. Circulate & rotate. Run production 5-1/2", 20 ppf. P-110 casing
Work through tight spot f/ 11,965'-12,006'. Circulate & rotate. Run production 5-1/2", 20 ppf. P-110 casing. Work through tight spot f/ 12,205'-12,387'.
Run production 5-1/2", 20 ppf. P-110 casing. Work through tight spot f/ 12,851'-12,893'. Circulate & rotate. Run production 5-1/2", 20 ppf. P-110 casing. Fill up casing. Run production 5-1/2", 20 ppf. P-110 casing. Work through tight spot f/ 15,487'-15,416'. Circulate & rotate.
Run production 5-1/2", 20 ppf. P-110 casing. Shoe depth 15,733'. Circulate bottoms up. Rig down Smith's casing crew and laydown machine. Pump 500 bbls of 2% kcl. Drop ball and pump 275 bbls of fresh water. Ball hit 75 bbls early. Set packers and open tool with 3200 psi.
Open Halliburton valves and let well u-tube to relieve pressure. Drop trash ball and pump 200 bbls of mud. Cement first stage: Pumped 20 bbls fresh water, 1000 gals red dye/fresh water, 40 bbls gel spacer. Lead; 610 sks (200 bbls, 1,123 cu/ft) Econocem - HLH with
3% salt + 0.40% hr-800 + 2 lbm kol-seal @ 12.9 ppg. 1.84 yield, 9.7 gals/sk fresh water. Tail; 400 sks (90 bbls, 505 cu/ft) VersaCem - H @14.4 ppg. 1.26 yield, 5.64 gals/sk fresh water. Displace cement 200 bbls fresh water.

2/26/2014 Displace 1st stage cement with 200 bbls of fresh water. Differential pressure 900 psi. Bump plug with 1385 psi. Build pressure to 2900 psi.
Float held. Drop DV tool opening bomb. Open tool with 1076 psi. Circulate to allow cement to harden. Got back 20 bbls cement + red dyed water.
Cement 2nd stage Lead: 355sx Halcem C . Slurry wt 12.6 ppg. Yield 1.89 cu/ft/sx. Cement 2nd stage tail: 100 ssx Halcem System.
Slurry wt 14.8 ppg 1.33 cu/ft/sx. Pumper #2 broke down. Move cement operations to Pumper #1. Cement 2nd stage tail: 35 ssx Halcem System.
Slurry wt 14.8 ppg 1.33 cu/ft/sx. Pumper #2 broke down. Displace 2nd stage with 126 bbls of fresh water. Differential pressure 850 psi. Bump plug
w/ 2500 psi. Float held. Rig down Halliburton. Nipple down BOP, set slips and cut off 5 1/2" casing. Break down and set out BOP.
Dress 5 1/2" casing, nipple up tubing head and test to 5000#. Clean mud pits and rig down.