

HOBBS OCD

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCD Hobbs
SEP 19 2011FORM APPROVED
OMB No 1004-0137
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.

RECEIVED

5 Lease Serial No.
NM-2515

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1 Type of Well

☐ Oil Well☒ Gas Well☐ Other

2 Name of Operator

THREE RIVERS OPERATING COMPANY, LLC

3a. Address

1122 S CAPITAL OF TX HWY, SUITE 325
AUSTIN, TX 78746

3b Phone No (include area code)

512-706-9849

8 Well Name and No.

MESA VERDE 15 FED #1

9 API Well No

30-025-36836

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

990' FNL & 990' FEL SEC 15-21S-32E

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

HAT MESA (BONE SPRINGS)

11 Country or Parish, State

LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report MODIFY	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other MODIFY
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	PROCEDURE
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<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 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.)

This Sundry Notice is to modify existing Sundry Notice dated 07/22/2011 in the following ways:

- 1 eliminate additional Wolfcamp perms
- 2 temporarily abandon the current Wolfcamp perms
- 3 recomplete in Bone Springs, to test

Three Rivers proposes to recomplete well by adding additional perms:

3rd Bone Springs 11,648' - 11,796', 2nd Bone Springs 10,892' - 11,328', 2nd Bone Springs 9,951' - 10,088', Avalon 9,026' - 9,215'
The CIBP set @ 13,100' will remain, however dump 35' cmt on top of plug

- 1 MIRU workover unit; load tbg to kill well w/ 10# brine; blow any csg pressure off
- 2 NU BOPE; pressure up on annulus to 1000#
- 3 Pull tbg & pkr OOH
- 4 Rig up wireline; dump bail 5 sx cmt on CIBP @ 13,100 (35' cmt)
- 5 Set CIBP @ 11,834' w/ 35' cmt (11,799')
- 6 Perf 3rd BS 11,648' - 11,796' w/ 2 spf; breakdown & frac w/ 100,000# 20/40 Super LC; set CP @ 11,400'; spot acid
- 7 Perf 2nd BS 10,994' - 11,328' w/ 2 spf; breakdown & frac w/ 100,000# 20/40 Super LC; set CP @ 10,200'; spot acid
- 8 Perf 2nd BS 9,951' - 10,008' w/ 2 spf; breakdown & frac w/ 100,000# 20/40 Super LC; set CP @ 9,350'; spot acid
- 9 Perf Avalon 9,026' - 9,215' w/ 2 spf; breakdown & frac w/ 100,000# 20/40 Super LC

**Approval Subject to General Requirements
& Special Stipulations Attached****SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Tom Strathairn

Title

Operations Engineer

Signature

Date

9/13/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

TED W. MORGAN

PETROLEUM ENGINEER

Title

Date SEP 14 2011

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

BLM-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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

KE

MAR 07 2011
THM
9/14/2011

Form 3160-5

Page 2

Mesa Verde 15 Fed #1

API # 30-025-36836

Lease Serial # NM-2515

10. Flow back until well dies; nipple down frac valve
11. RIH w/ 4 3/4" bit & drill out CP's @ 9,350', 10,200', 11,400', & 11,850' w/ air drill unit
12. Pull tbg & bit OOH
13. RIH 2/ pkr & set 8,900'
14. Swab & flow test well
15. Pull pkr OOH after test
16. RIH w/ production tbg to 9,000'; set TAC @ 8,700' (10 jts above S. N.)
17. Nipple down BOP; NU WH
18. Run rods & pump
19. Set pumping unit w/ elec motor
20. Return well to production

TJ-9/13/11

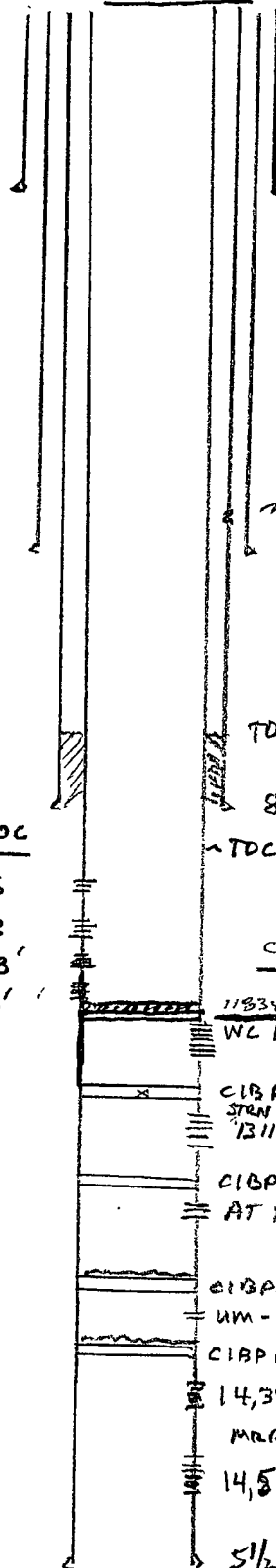
*Tmm
9/14/2011*

THREE RIVERS OPR

MESA VERDE IS FED 1

API # 30-025-36836

PROPOSED



16" 75# K55 C 1544' w/ 870 SX; CMT + EYE

✓ DATA @ 3587'

11 3/4" 54# Q125 C 3630' w/ 1240 SX; CMT + EYE

TDC @ 5083'

8 5/8" 32# HC K55 C 5283' w/ 850 SX; CMT CIRC THRU DATA TOOL
~ TDC - 6345'

PROPOSED PERFS: 3ROC

ANL 9026 - 9285

2nd BS 9951 - 10008

2nd BS 10992 - 11328'

3rd BS 11648 - 11796'

CURRENT PERFS: (SAMSON)

11834 CIBP w/ 35' CMT (11,799')

WL 11844 - 13,074' A - 4500 gals 7 1/2% NEFE (SAMSON)

CIBP @ 13,100'

STEN
13118 - 313'

CIBP @ 13,28'

AT 13,338 - 534'

CIBP @ 13,800' w/ 35' CMT

UM - 13,844 - 908'

CIBP @ 14,300' w/ 35 SX CMT

14,330 - 458'

MARW

14,528 - 689'

5 1/2" P110 20# @ 14880' w/ 2300 SX; TDC @ 5083'

Toman
9/14/2024

**Mesa Verde 15 Fed #1
Three Rivers Operating Company
30-025-36836**

**September 14, 2011
Conditions of Approval**

SUMMARY OF CURRENT STATUS:

- **Secretary's Potash**
- Vertical Well, TD 14880', PBTD 13100'
- Top Morrow 13970', Top Atoka 13327', Top Strawn 13100', Top Wolfcamp 11820'
- Presently perforated in the Wolfcamp 11844' – 13074' selective.

REQUESTS:

1. To isolate the current Wolfcamp perforations pending recompletion in the future;
2. Complete in the Bone Springs, fracture, and test.

CONDITIONS OF APPROVAL:

Notification: Contact the appropriate BLM office at least 24 hours prior to commencing of any plugback operations and for witness of plugback TD.

☒ **Lea County**

Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575) 393-3612

- a) Surface disturbance not to exceed originally approved pad without prior approval.
- b) Closed Loop System to be used.
- c) **Although Hydrogen Sulfide has not been reported in this section, it is always a possible hazard. It has been reported in the Sections to the north, northeast, and east. If Hydrogen Sulfide is encountered, please report measured amounts and formations to the BLM.**
- d) **A 5000 (5M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (5M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.**
- e) In the event that an Annuli Survey is done, the measured pressures (if any) and the observed effluents (if any), should be reported to the BLM, with the amounts of any H2S or CO2 also reported.
- f) The original and four copies each of the subsequent Completion Sundry 3160-5 and the Well Completion Report, Form 3160-4, detailing work are to be submitted within 30 days of well completion, even when the well is a dry hole. The date the well is placed on production and the well test data are to be included in these reports.
- g) Future planned work to recomplete in the Wolfcamp will require a separate Sundry NOI Form 3160-5 for BLM review in advance.

TMM 09/14/2011