

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
NM 12764

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
Rubicon Oil & Gas, LLC

3a. Address
508 W. Wall St STE 500, Midland, TX 79701

3b. Phone No. (include area code)
4326875100

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

8. Well Name and No.
Lonesome Dove 25 Fed Com 1

9. API Well No.
30-015-31698

10. Field and Pool or Exploratory Area
Henshaw Morrow SW

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1500' FNL & 1980' FEL, Sec 25, T16S, R29E, UL G

11. County or Parish, State
Eddy, NM

12. CHECK THE 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 type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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.)

Per approved COA dated 7/6/15, Rubicon completed the following operations from 8/17/15 to 8/24/15.

Set CIBP over existing Yeso perms @ 4073'
Spot 25 sks Class C 14.8 ppg/1.32 ft3/sk yield cement from 4073' to 3817'
Spot 16 bbls mud from 3817' to 3147'
Shoot squeeze holes in 5 1/2" csg @ 3150'
Set cement retainer @ 3107'. Cement 5 1/2" casing from 3107' to 3150', 5 1/2" x 7 7/8" annulus from 3150' to 3050' and 5 1/2" x 8 5/8" annulus from 3050' to surface w/527 sks Class C 14.8 ppg/1.32 ft3/sk yield cement. Circulated 17 sks to pit as witnessed by Michael Balliett w/BLM.
Tag cement in 5 1/2 csg with wireline @ 3044'.
Performed charted integrity test to 1500 psig for one hour. Copy of chart attached.
As per BLM request, dump bailed cement from 3044' to 3000'.
Tag cement in 5 1/2 csg with tubing @ 2978'.
Will proceed with Grayburg Recompletion.

Current wellbore diagram attached.

NM OIL CONSERVATION
ARTESIA DISTRICT
APR 08 2016

RECEIVED

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

Title Operations Engineer/Agent

Signature

Date 08/26/2015 4/5/16

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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)

Accepted for record - NMOCD

Rubicon Oil & Gas, LLC Yeso Prospect

KB: 3731'
GL: 3714'

Lonesome Dove 25 Fed 1
Eddy County, New Mexico

Plug back: 8/18/2015

1500' FNL & 1980' FEL
Sec. 25, T16S, R29E, UL G
Eddy County, NM

Yeso Recomplete Wellbore
30-015-31698

Prod: 12/20/2001

TD'd: 5/18/2001

Spud: 4/18/2001

Bit Size: 17-1/2" drilled to 450'
8.4-8.6 MW, 32+ Vis, FW Spud Mud

13-3/8" 61# K-55@ 450' w/ Cmt 495sks. C 2% CC
Circ to surface.

Glorieta ~4120'
Tubb ~5415'
Abo ~6120'
Wolfcamp ~7690'
Strawn ~ 9,726'
Atoka ~ 10,190'
Morrow ~10,570'
TD Miss ~10,768'

Bit Size: 12-1/4" drilled to 3050'

8-5/8" 32# J55 @ 3050' CMT w/ 1100 sks C Lite + 350 sks
C Circ to surface.

8/18/15: Perforate 3150'. Set retainer @ 3107'. Pump
527 sks Class C. Circulated 17 sks to surface.
Witnessed by BLM. Tag TOC in 5 1/2 @ 3044'. Dump
bail CMT and tag TOC in 5 1/2 @ 2978'.

Hole in casing 7292-7324' determined w/PKR 9/28/13
Set 5-1/2" Retainer 7250' and cement 5-1/2" via hole
In casing 7292 to 3163' w/ 675 sks C 50/50/10. TOC
3163' by CBL 4/7/2014.

Perforated 7740-7741 6 jspf and cmt w/ 50 sks H
To isolate Wolfcamp. Cement in 5-1/2" 7581 to 7741'
And in 7-7/8" annulus from 7741 to 7581'

Bit Size: 7-7/8" drilled to 10,856'
5-1/2" 17# N-80 LTC 10,856' CMT w/ 930 sks H Poz
TOC 7948' by CBL 9/27/13

PBTD: 2978' TD: ~10,856'

Directions: Artesia, East on Hwy 82 to 8/10 mile
Past MM 128, turn North CR 215 (Kewanee Rd)
5 miles, Turn right 1/10 mile, right 7/10 mile to loc.

Wellhead Cameron 7-1/16" 5k

Pumping Unit Sentry 320-305-100 w/ 40 hp mtr
Set in 100" stroke, 8 SPM
CCW movement

Tubing Configuration:

2 jts 2-7/8" BPMA	36'	EOT @ 2628'
PS	4'	
Std SN	1'	SN @ 2558'
2 jts 2-7/8" J-55	33'	
TAC set 10pts	3'	TAC @ 2491'
77 jts 2-7/8" J-55	2491'	
KB Correction	17"	

Pump and Rods:

1.5" x 20' gas anchor	
2.5-1.75-20 RHBC Pump	20'
RH Release Tool	1'
10x 1 1/2" sinker bars	250'
90x 7/8" Grade D Rods	2250'
12' 7/8" pony rods	12'
1 1/4" x 26' PR w/ 1 1/2" x 16" PR liner	22'

Grayburg:

2681-85', 2688-93', 2696-701' - 3 SPF, 42 Holes
8/24/15: Acidized w/2500 gal 15 % HCl @ 5bpm 1713#. Balled out.
1420# ISIP
9/8/15: Frac w/6844 bbl slickwater and 12.5M# 100 mesh, 56.2M# 40/70
white and 10M# 30/50 SLC

Capped w/ 25 sks Class C 4073' to 3817'
5-1/2" CIBP Set @ 4073'

Yeso:

Stg 1 Perf 5155-5165' 30 holes
2k gal 15% NeFeHCL+ 49k gal 15% xlink+68k 30/50 white+25k 30/50
resin 30bpm/3230psi/.94FG
Stg 2 Perf 4810-4830' 60 holes
3k gal 15% NeFeHCL+ 63k gal 15% xlink+94.3k 30/50 white+25k 30/50
resin 34bpm/2273psi/.87FG
Stg 3 Perf 4116-4340' 44 holes
3k gal 15% NeFeHCL+ 98k gal 15% xlink+136.6k 30/50 white+25k 30/50
resin 49bpm/2640psi/1FG
Tested for 3BOPD 90BWPD w/ 90% of load recovered. Uneconomical.

Capped w/ 25 sks H (10,633 to 10,427')
5-1/2" CIBP Set @ 10,633'

Morrow:

10,683-93' (60 holes, 6jspf, .40 EHD),
10,704-10' (36 holes, 6 jspf, .40 EHD).