

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
Rubicon Oil & Gas, LLC3a. Address
508 W. Wall St STE 500, Midland, TX 797013b. Phone No. (include area code)
43268751004. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1500' FNL & 1980' FEL, Sec 25, T16S, R29E, UL'G5. Lease Serial No.
NM 12764

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Lonesome Dove 25 Fed Com 19. API Well No.
30-015-3169810. Field and Pool or Exploratory Area
Henshaw Morrow SW11. 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 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 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 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation 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.)

Rubicon proposes to plug back existing well to recompleate to the Grayburg from 2680 to 2700' utilizing a single stage fracture treatment via the 5 1/2" casing
Desired start date: 6/1/15

1) Set CIBP over existing Yeso perms (4116-5165') @ 4066' *See COA*

2) Spot 25 sks Class C 14.8 ppg/1.32 ft3/sk yield from 4066' to 3813'

3) Spot 16 bbls mud laden fluid from 3813' to 3150'

4) Shoot squeeze holes in 5 1/2" csg @ 3150' *See COA*

5) Set cement retainer @ 3130'. Cmt 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 with 510 sks Class C 14.8 ppg/1.32 ft3/sk yield. Cement volume includes a 20% excess over calculated annular volume.

Current wellbore diagram attached.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Landon Goodgion

Title Operations Engineer/Agent

Signature

Date 05/11/2015.

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

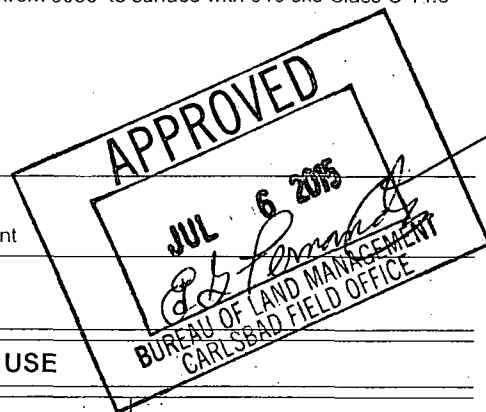
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 10 2015

RECEIVED



Accepted for record

7/30/15

Rubicon Oil & Gas, LLC
Yeso Prospect

KB: 3731'
GL: 3714'

Lonesome Dove 25 Fed 1
Eddy County, New Mexico
Yeso Recomplete Wellbore
30-015-31698

Plug back: 4/2/2014
Prod: 12/20/2001
TD'd: 5/18/2001
Spud: 4/18/2001

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

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.

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

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

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

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. Verfiy
Cmt job and TOC 3163' w/ bond log 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'
Cement w/ 930 sks H Poz
TOC Calculated ~7,650'

PBTD (FC): ~10,810' TD: ~10,856'

Directions: Artesia, East on Hwy 82 to 8/10 mile
Past MM 128, turn North CR 125 (Kewanee Rd)
5 miles, Turn right 1/10 mile, right 7/10 mile to loc.

Cameron 5k 7-1/16" Wellhead

Yeso Recompletion:

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.

Hole in casing determined with Pkr 9/28/2013
7292-7324'

Pump in @ 1.5 bpm - 300 psi with circ out
B section of wellhead.

TOC Verified by CBL 9/27/2013
7948'

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).

Conditions of Approval
Lonesome Dove 25 Fed #1
30-015-31698
Rubicon Oil & Gas LLC
July 6, 2015

1. **Surface disturbance beyond the existing pad must have prior approval.**
2. **Closed loop system required.**
3. Notify BLM 575-361-2822 Eddy Co. as work begins. Some procedures are to be witnessed; leave a voice mail with the API#, workover purpose, and a call back phone number
4. **2000 (2M) 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 (2M 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.**
5. **Although Hydrogen Sulfide has not been reported in this section, it is always a potential hazard. If Hydrogen Sulfide is encountered, please report measured amounts and formations to the BLM.**

Well must be properly plug: Plugging requires a top of Glorietta plug at 4120 set a balance plug inside the 5-1/2" Also requires a shoe plug across 8-5/8" shoe inside 5-1/2: and in the 5-1/2" by 8-5/8" annulus. TOC at approx... 3160 per CBL dated 04-07-2014.

6. **Step #1 of Operator procedure Set CIBP at 4020'**
7. **Step #2 – OK this will also cover the top of Glorietta.**
8. **Step #3 and #4 –OK**
9. **Step #5 – Circulation of cement in the annulus to surface –OK. Operator also requires to have a balance plug within the 5-1/2" casing from 3150 to 3000'. The BLM shall be given the proper notice to witness setting plug and tagging of plug.**

Conditions of Approval
Lonesome Dove 25 Fed #1

10. After setting last plug and before perforating the Grayburg; perform a charted casing integrity test of 1000 psig minimum. Document the pressure test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 25 to 85 per cent of its full range. Verify all annular casing vents are plumbed to the surface and open during this pressure test. Include a copy of the chart in the subsequent sundry for this workover.
11. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
12. File intermediate **subsequent sundry** Form 3160-5 within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.
13. Submit the BLM Form 3160-4 **Recompletion Report** within 30 days of the date all BLM approved procedures are complete.
14. A NMOCD Form C-102 "Well Location and Acreage Dedication Plat" with updated information shall be files Form 3160-4 **Recompletion Report**
15. Workover approval is good for 90 days (completion to be within 90 days of approval). A legitimate request is necessary for extension of that date.

EGF 0706/15