

<b>Well Name:</b> RJ UNIT	<b>Well Location:</b> T17S / R29E / SEC 27 / TR 2A / NWNE /	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 102	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMLC028775B	<b>Unit or CA Name:</b> ROBINSON JACKSON UNIT	<b>Unit or CA Number:</b> NMNM71024X
<b>US Well Number:</b> 3001503140	<b>Well Status:</b> Abandoned	<b>Operator:</b> SPUR ENERGY PARTNERS LLC

Accepted for record – NMOCD gc 6/10/2021

**Subsequent Report**

**Type of Submission:** Subsequent Report      **Type of Action:** Plug and Abandonment  
**Date Sundry Submitted:** 06/08/2021      **Time Sundry Submitted:** 01:41  
**Date Operation Actually Began:** 05/27/2021  
**Actual Procedure:** See attached documentation.

**SR Attachments**

**Actual Procedure**

- RJ\_Unit\_102\_Plugged\_WBD\_20210608134119.pdf
- RJ\_Unit\_102\_Final\_Plugging\_Procedure\_20210608134119.pdf
- RJ\_Unit\_102\_Picture\_20210608134118.pdf

**Well Name:** RJ UNIT

**Well Location:** T17S / R29E / SEC 27 / TR 2A / NWNE /

**County or Parish/State:** EDDY / NM

**Well Number:** 102

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMLC028775B

**Unit or CA Name:** ROBINSON JACKSON UNIT

**Unit or CA Number:** NMNM71024X

**US Well Number:** 3001503140

**Well Status:** Abandoned

**Operator:** SPUR ENERGY PARTNERS LLC

**Operator Certification**

*I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.*

**Operator Electronic Signature:** SARAH CHAPMAN

**Signed on:** JUN 08, 2021 01:41 PM

**Name:** SPUR ENERGY PARTNERS LLC

**Title:** Regulatory Directory

**Street Address:** 9655 KATY FREEWAY, SUITE 500

**City:** Houston

**State:** TX

**Phone:** (832) 930-8613

**Email address:** SCHAPMAN@SPUREPLLC.COM

**Field Representative**

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

**BLM Point of Contact**

**BLM POC Name:** JAMES A AMOS

**BLM POC Title:** Acting Assistant Field Manager

**BLM POC Phone:** 5752345927

**BLM POC Email Address:** jamos@blm.gov

**Disposition:** Accepted

**Disposition Date:** 06/08/2021

**Signature:** James A. Amos

## Spur Energy Partners LLC

### Plug And Abandonment End Of Well Report

#### RJ Unit #102

660' FNL & 1980' FEL, Section 27, T17S, R29E

Eddy County, NM / API 30-015-03140

#### Work Summary:

- 5/27/21** Made BLM P&A operations notifications at 9:00 AM MST.
- 5/28/21** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 50 psi, Bradenhead: 0 psi. Waited on trucks to move frac tanks and rig equipment. Prepared to start pulling rods 6/1/21. Shut-in well for the day.
- 6/1/21** Checked well pressures: Tubing: 0 psi, Casing: 90 psi, Bradenhead: 10 psi. Bled down well. L/D 128 3/4" sucker rods and sucker rod pump. N/U BOP and function tested. TOOH and tallied 102 joints of 2-3/8" tubing. P/U 5 1/2" casing scraper and round tripped above top perforation at 3,200'. P/U CR, TIH and set at 3,200'. Stung out of CR and TOOH with setting tool. Shut-in well for the day. Omar Alomar was BLM inspector.
- 6/2/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with tubing above CR at 3,200'. R/U cementing services. Circulated wellbore clean with 128 bbls of fresh water. Pumped plug #1 from 3,200'-2,820' to cover the San Andres perforations and formation top. TOOH with tubing. Pressure tested 5 1/2" production casing to 500 psi in which it successfully held pressure. R/U wireline services. RIH and perforated squeeze holes at 2,496'. Shut-in well for the day because of wind and lightning. Omar Alomar was BLM inspector.
- 6/3/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH to 2,496'. Attempted to establish injection

rate into perforations at 2,496 but was unsuccessful. BLM inspector Sarah Chapman approved setting a balanced plug across perforations at 2,496'. R/U cementing services. Pumped plug #2 from 2,546'-2,243' to cover the San Andres formation top and 7" casing shoe. WOC 4 hours. TIH and tagged plug #2 top at 2,241'. Spotted 9.5 ppg mud spacer from 2,241'-1,628'. TOO H with tubing. R/U wireline services. RIH and perforated squeeze holes at 1,784'. Attempted to establish injection rate into perforations at 1,784' but was unsuccessful. BLM inspector approved setting a balanced plug across perforations at 1,784'. R/U cementing services. Pumped plug #3 from 1,834'-1,628' to cover the Yates formation top. WOC overnight. Spotted 9.5 ppg mud spacer from 1,628'-1,060'. TOO H with tubing. R/U wireline services. RIH and perforated squeeze holes at 1,060'. Shut-in well for the day. Sarah Chapman was BLM inspector.

**6/4/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #3 top at 1,618'. R/U cementing services. Successfully established injection rate into perforations at 1,060'. Pumped plug #4 from 1,060'-605' to cover the surface casing shoe. Squeezed 77 sx into perforations at 1,060'. WOC 4 hours. TIH and tagged plug #4 top at 563'. Spotted 9.5 ppg mud spacer from 563'-425'. R/U wireline services. RIH and perforated squeeze holes at 425'. R/U cementing services. Attempted to establish injection rate into perforations at 425' but was unsuccessful. BLM inspector Omar Alomar approved spotting a balanced plug across perforations at 425'. Pumped plug #5 from 485'-325' to cover the designated water zone. R/U wireline services. RIH and perforated squeeze holes at 60'. WOC overnight. Shut-in well for the day.

**6/5/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #5 top at 245'. Spotted 9.5 ppg mud spacer from 245'-60'. R/U cementing services. Successfully established circulation down casing through perforations at 60' and back around and out Bradenhead valve at surface. Successfully circulated cement down casing through perforations at 60' and back around and out Bradenhead valve at surface. N/D BOP. Performed wellhead cut-off. Cement was at surface in 7" surface casing and 10' down in 5 1/2" production casing. Topped-off 5 1/2" production casing. Installed P&A marker and plate per BLM/NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back filled P&A marker. R/D and MOL.

### **Plug Summary:**

**Plug #1:(Grayburg/San Andres Perforations and Formation Top 3,200'-2,820', 25 Sacks Class C Cement)**

Mixed 25 sx Class C cement and spotted a balanced plug to cover the San Andres perforations and formation top.

**Plug #2:(San Andres Formation Top and 7" Casing Shoe 2,546'-2,241', 34 Sacks Class C Cement)**

RIH and perforated squeeze holes at 2,496'. Attempted to establish injection rate into perforations at 2,496' but was unsuccessful. Mixed 34 sx Class C cement and pumped a balanced plug #2 from 2,546'-2,243' to cover the San Andres formation top and 7" casing shoe. TIH and tagged plug #2 top at 2,241'.

**Plug #3:(Yates Formation Top 1,834'-1,618', 25 Sacks Class C Cement)**

RIH and perforated squeeze holes at 1,784'. Attempted to establish injection rate into perforations at 1,784' but was unsuccessful. Mixed 25 sx Class C cement and pumped a balanced plug from 1,834'-1,628' to cover the Yates formation top. TIH and tagged plug #3 top at 1,618'.

**Plug #4:(Surface Casing Shoe 1,060'-563', 128 Sacks Class C Cement(Squeezed 77 sx))**

RIH and perforated squeeze holes at 1,060'. Successfully established injection rate into perforations at 1,060'. Pumped plug #4 from 1,060'-605' to cover the surface casing shoe. Squeezed 77 sx into perforations at 1,060'. WOC 4 hours. TIH and tagged plug #4 top at 563'.

**Plug #5:(Yates Formation Top 485'-245', 18 Sacks Class C Cement)**

RIH and perforated squeeze holes at 425'. Attempted to establish injection rate into perforations at 425' but was unsuccessful. Mixed 18 sx Class C cement and pumped a balanced plug from 485'-325' to cover the designated water zone. TIH and tagged plug #5 top at 245'.

**Plug #6:(Surface Ground Water 60'-Surface, 43 Sacks Class C Cement)**

RIH and perforated squeeze holes at 60'. R/U cementing services. Successfully established circulation down casing through perforations at 60' and back around and out Bradenhead valve at surface. Successfully circulated cement down casing through perforations at 60' and back around and out Bradenhead valve at surface. N/D BOP. Performed wellhead cut-off. Cement was at surface in 7" surface casing and 10' down in 5 1/2" production casing. Topped-

off 5 ½" production casing. Installed P&A marker and plate per BLM/NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back filled P&A marker. R/D and MOL.

# Wellbore Diagram

RJ Unit #102  
API #: 30-015-03140  
Eddy County, New Mexico

**Plug 6**  
60 feet - Surface  
60 feet plug  
43 sacks of Class C Cement

**Plug 5**  
485 feet - 245  
240 feet plug  
18 sacks of Class C Cement

**Plug 4**  
1060 feet - 563 feet  
497 feet plug  
128 sacks of Class C Cement  
77 sacks squeezed

**Plug 3**  
1834 feet - 1618 feet  
216 feet plug  
25 sacks of Class C Cement

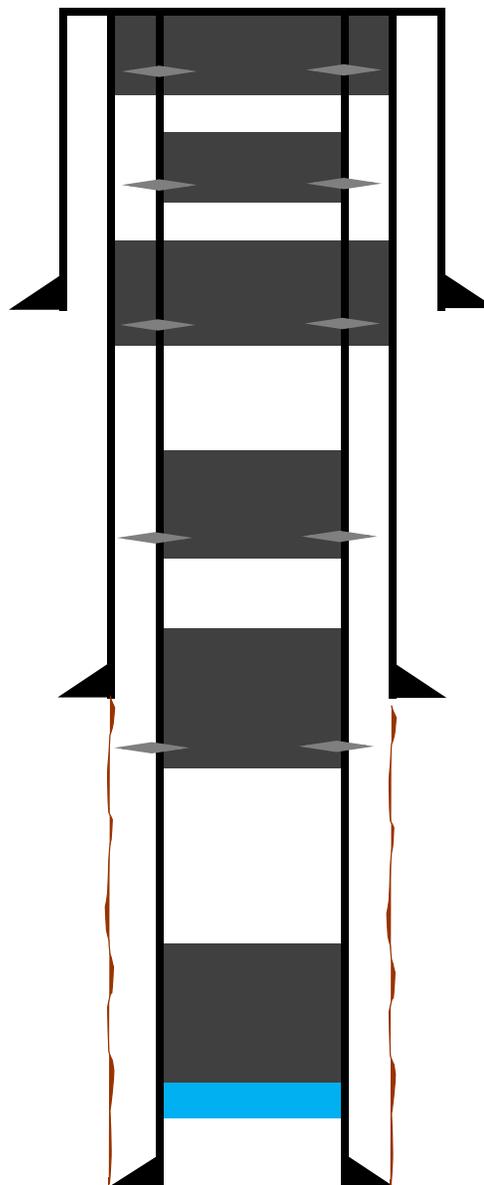
**Plug 2**  
2546 feet - 2241 feet  
305 feet plug  
34 sacks of Class C Cement

**Plug 1**  
3200 feet - 2820 feet  
380 feet plug  
25 sacks of Class C Cement

**Surface Casing**  
8.625" 28# @ 1010 ft

**Intermediate Casing**  
7" 23# @ 2293 ft

**Production Casing**  
5.5" 11.6# @ 3288 ft



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**District II**  
 811 S. First St., Artesia, NM 88210  
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**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 31090

**CONDITIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 31090
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
gcordero	None	6/14/2021