

<b>Well Name:</b> RJ UNIT	<b>Well Location:</b> T17S / R29E / SEC 27 / TR 2 / SWNE /	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 110	<b>Type of Well:</b> INJECTION - ENHANCED RECOVERY	<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> 3001503152	<b>Well Status:</b> Abandoned	<b>Operator:</b> SPUR ENERGY PARTNERS LLC

Accepted for record – NMOCD gc 6/30/2021

**Subsequent Report**

**Type of Submission:** Subsequent Report      **Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 06/22/2021      **Time Sundry Submitted:** 09:40

**Date Operation Actually Began:** 06/04/2021

**Actual Procedure:** See attached documentation for more information.

**SR Attachments**

**Actual Procedure**

- RJ\_Unit\_110\_Plugged\_WBD\_20210622094007.pdf
- RJ\_Unit\_110\_Pictures\_20210622093857.pdf
- RJ\_Unit\_110\_Post\_PA\_Procedure\_20210622093848.pdf

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**Well Location:** T17S / R29E / SEC 27 / TR 2 / SWNE /

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

**Well Number:** 110

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**Allottee or Tribe Name:**

**Lease Number:** NMLC028775B

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

**Unit or CA Number:** NMNM71024X

**US Well Number:** 3001503152

**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 22, 2021 09:40 AM

**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:** 06/23/2021

**Signature:** James A. Amos

## Spur Energy Partners LLC

### Plug And Abandonment End Of Well Report

#### RJ Unit #110

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

Eddy County, NM / API 30-015-03152

#### Work Summary:

- 6/4/21** Made BLM P&A operations notifications at 9:00 AM MST.
- 6/5/21** MOL and R/U P&A rig. Checked well pressures: Tubing: 140 psi, Casing: 0 psi, Bradenhead: 0 psi. Shut-in well for the day.
- 6/6/21** Checked well pressures: Tubing: 140 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Pumped fresh water to attempt to kill well. Shut-in TIW valve and released 4 ½" packer and let well flow up back side. N/U BOP and function tested. TOOH and tallied 75 joints of 2-3/8" tubing and 4 ½" packer. P/U 4 ½" casing scraper and round tripped above top perforation to a depth of 2,310'. P/U CR, TIH and set at 2,300'. PUH. Shut-in well for the day.
- 6/7/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Circulated wellbore clean with fresh water. Pumped plug #1 from 2,300'-1,944' to cover the Grayburg/San Andres perforations and formation top. WOC 3 hours. Pressure tested 4 ½" production casing to 500 psi in which it successfully held pressure. Spotted 9.5 ppg mud spacer from 1,944'-1,800'. PUH. R/U cementing services. Pumped plug #2 from 1,800'-1,445' to cover the Yates formation top. WOC 4 hours. TIH and tagged plug #2 top at 1,441'. Spotted 9.5 ppg mud spacer from 1,441'-685'. TOOH with tubing. R/U wireline services. RIH and perforated squeeze holes at 685'. Attempted to establish injection rate into perforations at 685' but was unsuccessful. BLM inspector approved spotting a balanced plug across perforations at 685'. R/U cementing services. Pumped plug #3 from 735'-379' to cover the B/Salt. WOC overnight. Shut-in well for the day. Omar Alomar was BLM inspector.
- 6/8/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #3 top at 418'. TOOH with

tubing. R/U wireline services. RIH and perforated squeeze holes at 385'. R/U cementing services. Attempted to establish injection rate into perforations at 385' but was unsuccessful. BLM inspector Omar Alomar approved setting a 20 sx balanced plug from 418'-220' to cover the surface casing shoe. R/U cementing services. Extended plug #3 from 418'-220' to cover the surface casing shoe. WOC 4 hours. TIH and tagged plug #3 top at 274'. R/U cementing services. Attempted to top-off plug #3 but couldn't pump through tubing. It was found that there was green cement in tagging sub. BLM inspector requested to WOC overnight and tag plug #3 top 6/9/21. R/U wireline services. RIH and perforated squeeze holes at 60'. Attempted to establish circulation through perforations at 60' and back to surface but wellbore went vacuum. WOC overnight. Shut-in well for the day.

**6/9/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #3 top at 225'. Spotted 9.5 ppg mud spacer from 225'-60'. R/U cementing services. Attempted to establish circulation down casing through perforations at 60' in 7" and 4 1/2" casing but was unsuccessful. Wellbore went on vacuum when circulation was being established. BLM inspector Jim Amos approved pumping 25 sx from surface down Bradenhead and 25 sx down 4 1/2" casing to fill up both 4 1/2" and 7" casings. Pumped 25 sx Class C cement down Bradenhead. Pumped 25 sx Class C cement down 4 1/2" casing which cement was circulated to surface in both 4 1/2" and 7" casings. WOC 4 hours. N/D BOP. Performed wellhead cut-off. Cement was 10' down in all strings of casing. Topped-off well with 5 sx of cement. 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 2,300'-1,944', 25 Sacks Class C Cement)**

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

#### **Plug #2:(Yates Formation Top 1,800'-1,441', 25 Sacks Class C Cement)**

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

#### **Plug #3:(B/Salt 735'-225', 45 Sacks Class C Cement)**

RIH and perforated squeeze holes at 685'. Attempted to establish injection rate into perforations at 685' but was unsuccessful. Mixed 25 sx Class C cement and pumped a balanced plug from 735'-379' to cover the B/Salt. TIH and tagged plug #3 top at 418'. TOOH with tubing. R/U wireline services. RIH and perforated squeeze holes at 385'. R/U cementing services. Attempted to establish injection rate into perforations at 385' but was unsuccessful. BLM inspector Omar Alomar approved setting a 20 sx balanced plug from 418'-220' to cover the surface casing shoe. R/U cementing services. Extended plug #3 from 418'-220' to cover the surface casing shoe. WOC 4 hours. TIH and tagged plug #3 top at 274'. R/U cementing services. Attempted to top-off plug #3 but couldn't pump through tubing. It was found that there was green cement in tagging sub. BLM inspector requested to WOC overnight and tag plug #3 top 6/9/21. TIH and tagged plug #3 top at 225'.

**Plug #4:(Surface Ground Water 60'-Surface, 55 Sacks Class C Cement(5 sx for Top-Off))**

RIH and perforated squeeze holes at 60'. Attempted to establish circulation through perforations at 60' and back to surface but wellbore went vacuum. R/U cementing services. Attempted to establish circulation down casing through perforations at 60' in 7" and 4 1/2" casing but was unsuccessful. Wellbore went on vacuum when circulation was being established. BLM inspector Jim Amos approved pumping 25 sx from surface down Bradenhead and 25 sx down 4 1/2" casing to fill up both 4 1/2" and 7" casings. Pumped 25 sx Class C cement down Bradenhead. Pumped 25 sx Class C cement down 4 1/2" casing which cement was circulated to surface in both 4 1/2" and 7" casings. WOC 4 hours. N/D BOP. Performed wellhead cut-off. Cement was 10' down in all strings of casing. Topped-off well with 5 sx of cement. 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.

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## Wellbore Diagram

RJ Unit #110  
API #: 30-015-03152  
Eddy County, New Mexico

**Plug 4**  
60 feet - Surface  
60 feet plug  
55 sacks of Class C Cement  
5 sacks for top-off

**Plug 3**  
735 feet - 225  
510 feet plug  
45 sacks of Class C Cement

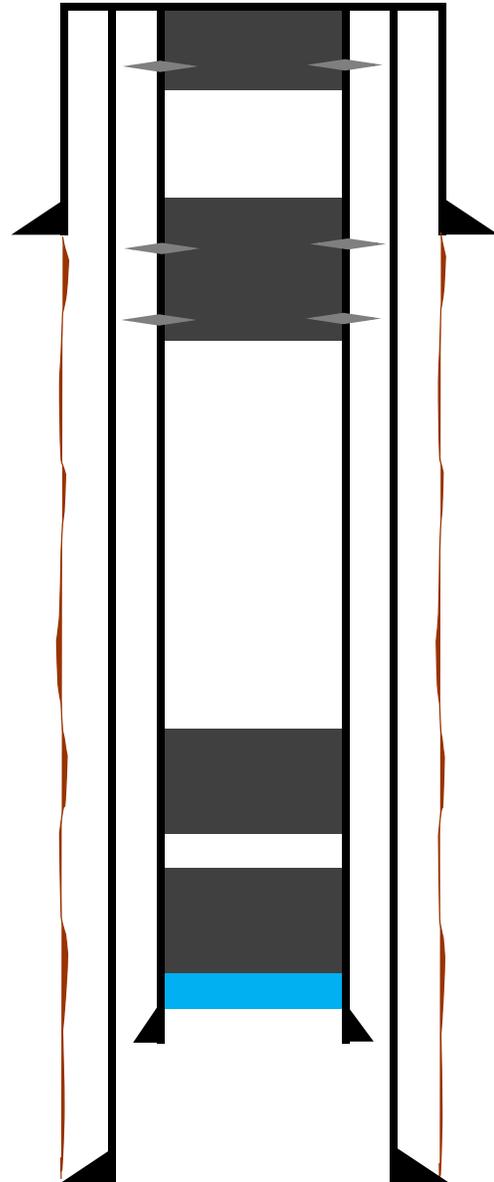
**Plug 2**  
1800 feet - 1441 feet  
359 feet plug  
25 sacks of Class C Cement

**Plug 1**  
2300 feet - 1944 feet  
356 feet plug  
25 sacks of Class C Cement

**Surface Casing**  
8.25" 28# @ 335 ft

**Liner Casing**  
4.5" 9.5# @ 2483 ft

**Production Casing**  
7" 23# @ 2661 ft



**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**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 33469

**CONDITIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 33469
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
gcordero	None	6/30/2021