

Well Name: RJ UNIT	Well Location: T17S / R29E / SEC 27 / TR 2 / SWNE /	County or Parish/State: EDDY / NM
Well Number: 110	Type of Well: INJECTION - ENHANCED RECOVERY	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

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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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 ½" 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 ½" casing to fill up both 4 ½" and 7" casings. Pumped 25 sx Class C cement down Bradenhead. Pumped 25 sx Class C cement down 4 ½" casing which cement was circulated to surface in both 4 ½" 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.

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

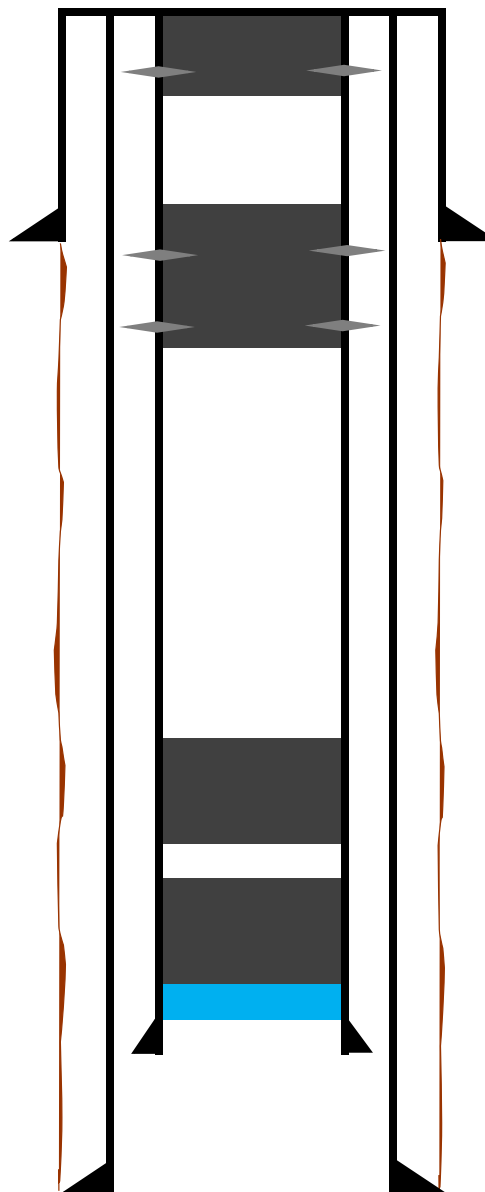
8.25" 28# @ 335 ft

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
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811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
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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