

Well Name: RJ UNIT	Well Location: T17S / R29E / SEC 27 / TR 2 / SENW /	County or Parish/State: EDDY / NM
Well Number: 107	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: 3001503177	Well Status: Abandoned	Operator: SPUR ENERGY PARTNERS LLC

Accepted for record – NMOCD gc 5/19/2021

Subsequent Report

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 05/17/2021

Time Sundry Submitted: 08:01

Date Operation Actually Began: 04/30/2021

Actual Procedure: See attached final documentation. Will reclaim within 6 months of moving off location per BLM standards.

SR Attachments

Actual Procedure

Marker_Pictures_20210517080105.pdf

RJ_Unit_PA_WBD_20210517080105.pdf

RJ_Unit_107_PA_EOWR_20210517080104.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: MAY 17, 2021 08:01 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 Phone: 5752345927

Disposition: Accepted

Signature: James A. Amos

BLM POC Title: Acting Assistant Field Manager

BLM POC Email Address: jamos@blm.gov

Disposition Date: 05/19/2021

Spur Energy Partners LLC

Plug And Abandonment End Of Well Report

RJ Unit #107

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

Eddy County, NM / API 30-015-03177

Work Summary:

- 4/30/21** Made BLM P&A operations notifications at 9:00 AM MST.
- 5/3/21** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 200 psi, Bradenhead: 0 psi. Bled down well. TOOH and L/D 98-5/8" sucker rods, 28- 3/4" sucker rods, 1 polish rod, 4 push rods, and sucker rod pump. Killed well with 30 bbls of fresh water. N/U BOP and function tested. TOOH with 2-3/8" tubing. TOOH with 30 joints of tubing before operations had to be shut down because of wind. Shut-in well for the day. Omar Alomar was BLM inspector on location.
- 5/4/21** Checked well pressures: Tubing: 0 psi, Casing: 200 psi, Bradenhead: 0 psi. Bled down well. TOOH with 101 joints of 2-3/8" tubing. P/U casing scraper. Attempted to get casing scraper into wellbore but casing scraper wouldn't pass through wellhead. N/D BOP. It was found that wellhead had been previously modified with a tapered bowl and ring welded inside wellhead. BLM representative and client were notified and it was decided to attempt to spot an open hole plug to isolate wellbore perforations to avoid cutting off and replacing wellhead with gas present. R/U cementing services. Pumped plug #1 from 2,675'-2,575' to cover the San Andres perforations and formation top. WOC 4 hours. TIH to tag plug #1 top but never tagged cement. R/U cementing services. Re-pumped plug #1 from 2,675'-2,575' to cover the San Andres perforations and formation top. WOC overnight. Shut-in well for the day.
- 5/5/21** Checked well pressures: Tubing: 0 psi, Casing: 50 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2,596'. BLM

inspector Omar Alomar approved tag depth. Circulated wellbore with 130 bbls of fresh water to circulate out gas and oil so wellhead could be cut-off. Attempted to cut-off wellhead but gas and oil kept migrating up wellbore to surface. Notified BLM inspector and he approved setting another plug across the Grayburg perforations to stop gas and oil migration so wellhead could be cut-off. Hauled 120 bbls of fresh water and took a load from waste pit for disposal. Plug #2 will be pumped 5/6/21. Shut-in well for the day.

- 5/6/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Pumped plug #2 from 2,596'-2,150' to cover the Grayburg perforations and formation top. WOC 4 hours. TIH and tagged plug #2 top at 2,140'. TOO H. N/D BOP. Welded on new wellhead. N/U BOP. Shut-in well for the day.
- 5/10/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Pressure tested production casing to 500 psi in which it successfully held pressure. R/U wireline services. RIH and perforated squeeze holes at 695'. Attempted to establish injection rate into perforations at 695' but was unsuccessful. BLM inspector Omar Alomar requested to purge the well to open up perforations. Wellbore was purged but still could not establish injection rate into perforations at 695'. BLM inspector approved setting a balanced plug from 745'-595'. R/U cementing services. Pumped plug #2 from 745'-595' to cover the designated water zone. TOO H with tubing. WOC overnight. Shut-in well for the day.
- 5/11/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U tagging sub. TIH and tagged plug #2 at 565'. Spotted 9.5 ppg mud spacer from 565'-362'. TOO H and L/D tubing. R/U wireline services. RIH and perforated squeeze holes at 362'. R/U cementing services. Attempted to establish injection rate into perforations at 362' but was unsuccessful. BLM inspector Omar Alomar approved setting a balanced plug from 412'-190'. TIH with tubing to 414'. R/U cementing services. Pumped plug #3 from 414'-190' to cover the surface casing shoe. WOC 4 hours. TIH and tagged plug #3 top at 145'. TOO H and L/D tubing. R/U wireline services. RIH and perforated squeeze hole at 60'. Successfully established circulation down casing through perforations at 60' and back around and out Bradenhead valve at surface with 2 bbls of fresh water. Successfully circulated cement down casing through perforations at 60' and back around and out Bradenhead valve at surface. N/D BOP. WOC overnight. Shut-in well for the day.
- 5/12/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U welding services. Performed wellhead cut-off. Cement was 6' down in production casing and 4" down in surface

casing. Mixed 2 buckets of cement and topped-off well. 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:(San Andres Perforations and Formation Top, Grayburg Perforations and Formation Top 2,675'-2,140', 105 Sacks Class C Cement(Re-pumped 73 sx))

Mixed 105 sx Class C cement and spotted a balanced plug to cover the San Andres perforations and formation top and Grayburg perforations and formation top. Re-pumped 73 sx of cement.

Plug #2:(Groundwater Determination 745'-565', 25 Sacks Class C Cement)

RIH and perforated squeeze holes at 695'. Attempted to establish injection rate into perforations at 695' but was unsuccessful. Mixed 25sx Class C cement and pumped plug #2 from 745'-565' to cover the groundwater determination.

Plug #3:(Surface Casing Shoe 414'-145', 38 Sacks Class C Cement)

RIH and perforated squeeze holes at 395'. Attempted to establish injection rate into perforations at 395' but was unsuccessful. Mixed 40 sx Class C cement and pumped a balanced plug #4 from 414'-190' to cover the surface casing shoe. TIH and tagged plug #4 top at 145'.

Plug #4: (Surface Ground Water 60'-Surface, 30 Sacks Class C Cement)

RIH and perforated squeeze hole at 60'. Successfully established circulation down casing through perforations at 60' and back around and out Bradenhead valve at surface with 2 bbls of fresh water. Successfully circulated cement down casing through perforations at 60' and back around and out Bradenhead valve at surface. N/D BOP. WOC overnight. Performed wellhead cut-off. Cement was 6' down in production casing and 4" down in surface casing. Mixed 2 buckets of cement and topped-off well. 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 #107

API #: 30-015-03177

Eddy County, New Mexico

Plug 4

60 feet - Surface
60 feet plug
30 sacks of Class C Cement

Plug 3

414 feet - 145 feet
269 feet plug
38 sacks of Class C Cement

Plug 2

745 feet - 565 feet
180 feet plug
25 sacks of Class C Cement

Plug 1

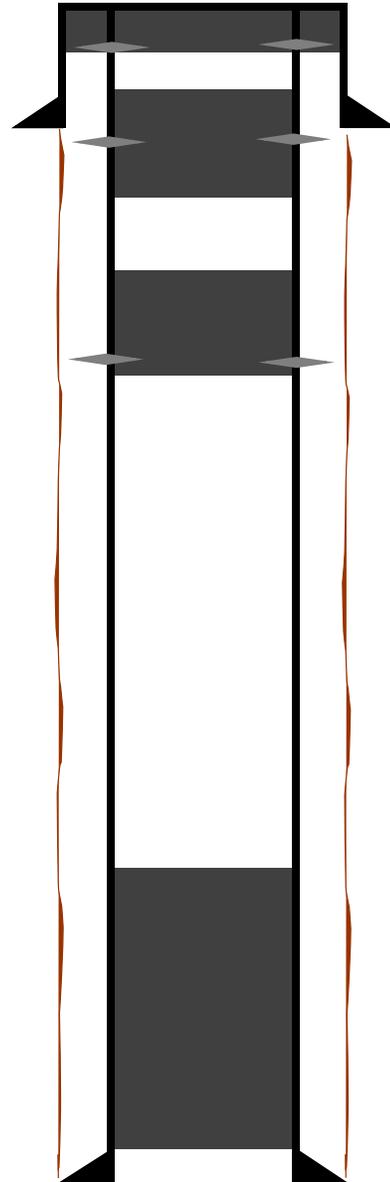
2675 feet - 2140 feet
535 feet plug
105 sacks of Class C Cement
73 sacks re-pumped

Surface Casing

8.25" @ 312 ft

Production Casing

7" 23# @ 2625 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
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 1000 Rio Brazos Rd., Aztec, NM 87410
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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 28878

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 28878
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	6/1/2021