

Well Name: BURCH KEELY UNIT	Well Location: T17S / R29E / SEC 26 / SWSE /	County or Parish/State: EDDY / NM
Well Number: 205	Type of Well: INJECTION - ENHANCED RECOVERY	Allottee or Tribe Name:
Lease Number: NMLC028784B	Unit or CA Name: BURCH KEELY UNIT	Unit or CA Number: NMNM88525X
US Well Number: 3001503133	Well Status: Abandoned	Operator: SPUR ENERGY PARTNERS LLC

Accepted for record – NMOCD gc1/10/2023

Subsequent Report

Sundry ID: 2705996

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/06/2022

Time Sundry Submitted: 08:32

Date Operation Actually Began: 10/12/2022

Actual Procedure: 10/12/22: MIRU then check well pressure & bleed down pressure; ND WH & install 8 5/8 flange then NU Bop; RU floor then unset pkr & POOH w/ tbg; RU WL then RIH to set CIBP at 2367'; POOH & RD WL then SDFN. 10/13/22: RIH & break circulation then test 7"- csg leaking at surface; POOH w/ tbg then RU WL & run csg log then RD WL; RIH w/ pkr to test for hole- well didn't hold pressure then notify BLM & they instruct to test at 2100' below- held good; test for hole on top of each plug then find hole between 129' & 97'; remove pkr & RIH open ended to top of CIBP then circulate well; PLUG #1 – mix & pump 25sxs Class C cement from 2367' to toc at 2222' then displ w/ 8.5bbls; pull 19 stds to derrick then RU WL & RIH to perforate at 1131'; POOH & RD WL then RIH w/ pkr to get injection rate- pressure up to 500psi then bleed down slow; notify BLM & they suggest to perforate again 25' above then POOH w/ tbg/pkr; SDFN. 10/14/22: RU WL then RIH to perforate at 1100' & RD WL; RBIH w/ pkr to check injection rate – 1bpm at 400psi; PLUG #2 – mix & pump 65sxs Class C cement from squeeze at 1131' leaving toc at 900' then displ w/ 9.1bbls; woc then RIH & tag PLUG #2 but no tag-cmt too fresh; BLM suggested tagging again on Monday & SDFN. 10/17/22: RIH & tag PLUG #2 at 856'; POOH then LD 20jts & RU WL; RIH to perforate at 650' then POOH & RD WL; RBIH w/ pkr to check injection rate – 1/2bpm at 400psi; PLUG #3 – mix & pump 45sxs Class C cement from 650' squeeze leaving toc at 550' then displ w/ 8bbls; POOH w/ pkr & SDFN. 10/18/22: RIH & tag PLUG #3 at 537' then POOH; notify BLM & they suggest trying to pull 7" csg from toc; dig to discover 8 5/8 WH then removed bolts & welder cut WH then welded PN; RU WL then RIH to cut csg at 530'- pulled 50k tension before cut but did not move & RD WL; work csg w/ rig- pull up to 100k & csg not moving; SDFN. 10/19/22: RU csg jacks & work csg- pull up to 200k but did not move; notify BLM then he ok'd to continue perforating w/ bigger gun to go through 7" & 8 5/8" csg then RD csg jacks; cut off PN & weld back WH then install flange; install Bop & RU floor; PLUG #4 – mix & pump 25sxs Class C cement from 530' leaving toc at 430' then displ w/ 6.3bbls; POOH & RU WL; RIH to

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perforate at 300' then POOH & RD WL; RBIH w/ pkr to get injection rate – 1bpm at 50psi then notify BLM & they suggested to squeeze 70sxs then tag in the morning; PLUG #5 – mix & pump 70sxs Class C cement from 300' squeeze leaving toc at 200' then SDFN. 10/20/22: Release pkr & POOH then RBIH to tag PLUG #5 at 176'; POOH & RU WL; RIH to perforate at 100' then POOH & RD WL; RIH to check injection rate – 1/2bpm at 50psi; notify BLM then they suggested to squeeze 45sxs from surface & make sure it stays at surface; PLUG #6 – mix & pump 45sxs Class C cement from 100' squeeze leaving cement at surface then close all valves; woc then check cement- dropped 20' & top off well w/ 8sxs Class C cement; RDMO.

SR Attachments

Actual Procedure

Spur_Burch_Keely_Unit_205_WBD_20221206083157.pdf

Operator

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

Operator Electronic Signature: SARAH CHAPMAN

Signed on: DEC 06, 2022 08:32 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 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: 12/30/2022

Signature: James A. Amos

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CONFIDENTIAL

Burch Keely Unit #205

Eddy County, NM
API# 30-015-03133

Created on 8/11/2022 10:52:19 AM

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SPUD DATE: 11/1/1949
CONVERT TO INJ: 8/27/1986

perforations @ 100' ←

perforations @ 300' ←

plug #3 - 45sxs Class C
650' - 537'

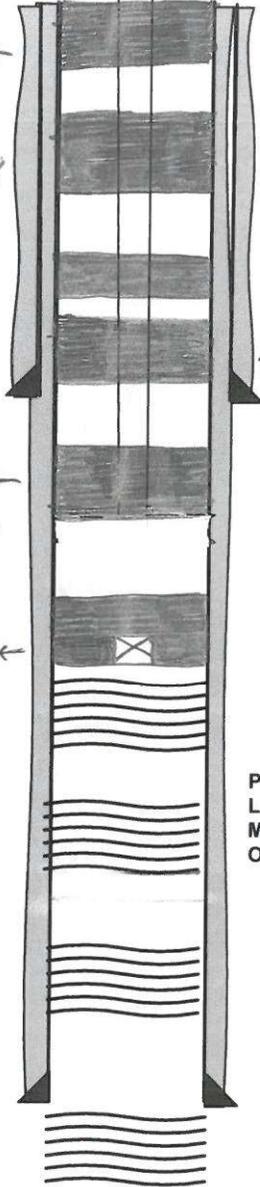
8-5/8" CSG @ UNKNOWN

perforations @ 1131' - 1100' ←
TENSION PACKER @ ~2,367'

CBP @ 2367' ←

7" CSG @ UNKNOWN

CURRENT WBD



plug #6 - 53sxs Class C
100' - Surface

plug #5 - 70sxs Class C
300' - 176'

plug #4 - 25sxs
Class C
530' - 430'

perforations @ 650'

THERE IS EXTREMELY LIMITED DATA AVAILABLE FOR THIS WELL. THE ONLY NUMBERS OF CONFIDENCE ARE THE PACKER DEPTH, TOTAL DEPTH AND INJ INTERVAL. THERE IS NO AVAILABLE RECORD OF CASING DESIGN.

plug #2 - 65sxs Class C
1131' - 856'

plug #1 - 25sxs Class C
2347' - 2222'

PERFS: 2,435' - 3,126'
LOCO HILLS PERFS: 2,454' - 2,464'; 2,490' - 2,500'
METEX PERFS: 2,580' - 2,590'; 2,615' - 2,619'
OPEN HOLE: 2,970' - 3,126'

TD @ 3,126'

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
 Phone:(575) 748-1283 Fax:(575) 748-9720

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 171440

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 171440
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/10/2023