

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

WELL API NO.

30-015-22794

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

C.R. LOPEZ C

8. Well Number 2

9. OGRID Number

22767

10. Pool name or Wildcat

HERRADURA BEND; DELAWARE

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

The Eastland Oil Company

3. Address of Operator

P.O. Drawer 3488 Midland, TX 79702

4. Well Location

Unit Letter B : 990 feet from the NORTH line and 2283 feet from the EAST line Section 32 Township 22S Range 28E NMPM EDDY CO

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐DOWNHOLE COMMINGLE ☐CLOSED-LOOP SYSTEM ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

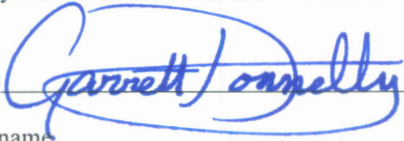
1. Remove pumping equipment.
2. MIRU pulling unit.
3. Pull and lay down rods and pump.
4. Pull tubing and lay down anchor.
5. Make up bit and scraper on tubing. TIH with bit and scraper to clean casing. TOOH with bit and scraper.
6. Make up packer on tubing and TIH to set packer at ~2,450'. Pressure test casing to 500 psi.
7. RU Cudd pressure pumping equipment and pressure test surface equipment.
8. Treat well with approximately 500 gals 7.5% HCL, 31,100 gals produced water and 59,000 lbs of 20/40 White sand.
9. Shut well in and RDMO Cudd pressure pumping equipment.
10. Flow well back to existing battery.
11. Once well dies, pull packer and tubing.
12. TIH with tubing, new pump and rods.
13. Reinstall pumping equipment and return well to production.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE



TITLE Vice - President

DATE 12/21/2021

Type or print name

E-mail address:

PHONE:

For State Use Only

APPROVED BY:



TITLE Petroleum Engineer

DATE 02/16/2022

Conditions of Approval (if any):

THE EASTLAND OIL COMPANY

C.R. Lopez "C" #2
Herradura Bend
Eddy County, New Mexico

Proposed Workover Plan

Purpose: Pump Acid and Sand into Formation

Remove pumping equipment.

MIRU pulling unit.

Pull and lay down rods and pump.

Pull tubing and lay down anchor.

Make up bit and scraper on tubing. TIH with bit and scraper to clean casing. TOOH with bit and scraper.

Make up packer on tubing and TIH to set packer at ~2,450'. Pressure test casing to 500 psi.

RU Cudd pressure pumping equipment and pressure test surface equipment.

Treat well with approximately 500 gals 7.5% HCL, 31,100 gals produced water and 59,000 lbs. of 20/40 White sand.

Shut well in and RDMO Cudd pressure pumping equipment.

Flow well back to existing battery.

Once well dies, pull packer and tubing.

TIH with tubing, new pump and rods.

Reinstall pumping equipment and return well to production.

Current Wellbore Schematic

C.R. Lopez "C" #2

990' FNL 2283' FEL

M-Sec 28 TS22S R28E

Eddy County, NM

First Produced 2/21/79

API # 30-015-22794

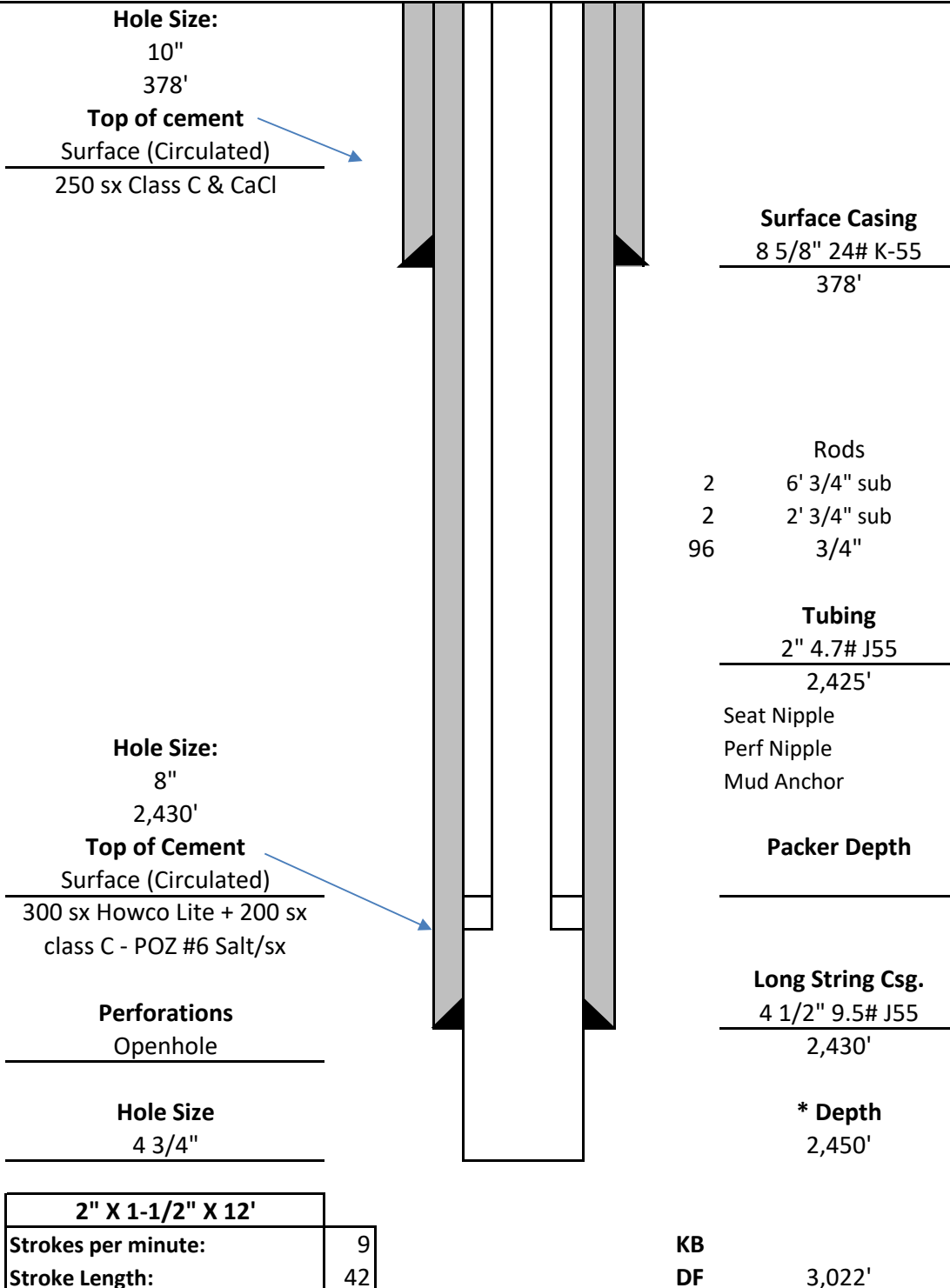
Lat

Long

IP: 46 BOPD

9 MCF

2 BWPD



Last crank hole	
Pump Displacement:	

GL
GR 3,021'

						Drift	Collapse			Joint Yield	Body Yield					
	Depth (ft)	Diam	Weight	Grade	ID (in)	Dia (in)	Pressure (psi)	Internal Yield Pressure (psi)	Strength (lbs.ft)	Strength (lbs.ft)	bbl/ft	ft/bbl	ft3/ft	ft/ft3	gal/ft	ft/gal
Surface	378'	8-5/8"	24#	k-55	8.097	7.972	1,370	2,950		381,000	0.0637	15.7015	3576	2.7966	2.6749	0.3738
Production	2,430'	4-1/2"	9.5#	J-55	5.012	4.887	3,120	4,270	189,000	222,000	0.0244	40.9796	0.137	7.2988	1.0249	0.9757
Tubing	2,425'	2"	4.7#	J-55												

Volumes	depth	bbls
Production	2,475'	60.39
Openhole	2,510'	61.24

Eastland Oil - Harroun "A" #7

30-015-33146

Zone			Stage	Rate (BPM)	Concentration (lbs/gal)	Fluid Vol (gals)	Fluid Vol (bbls)	lbs of sand	Pump time (mins)
Stage 1	Del Sand	2,475-2,510'	Slickwater Pad	2	0	1,050	25.0	0	12.5
			Slickwater Pad	4	0	2,100	50.0	0	12.5
			Slickwater Pad	6	0	3,150	75.0	0	12.5
	Lbs Proppant	59,000	20# XL 0.5	6	0.5	4,200	100.0	2,100	16.7
	Frac Fluid (gals)	39,962	20# XL 1.0	8	1.0	6,900	164.3	6,900	20.5
	Proppant Size	20/40 Ottawa Sand	20# XL 2.0	8	2.0	10,000	238.1	20,000	29.8
	Proppant Ramp	0.5, 1, 2, 3 ppg	20# XL 3.0	8	3.0	10,000	238.1	30,000	29.8
	Treating Rate	8 BPM	Flush	8	0.0	2,562	61.0	-	7.6
	ATP (psi)	2,500				39,962	951	59,000	142
	Gross Intvl	25'							

Proposed Wellbore Schematic

C.R. Lopez "C" #2

990' FNL 2283' FEL

M-Sec 28 TS22S R28E

Eddy County, NM

First Produced 2/21/79

API # 30-015-22794

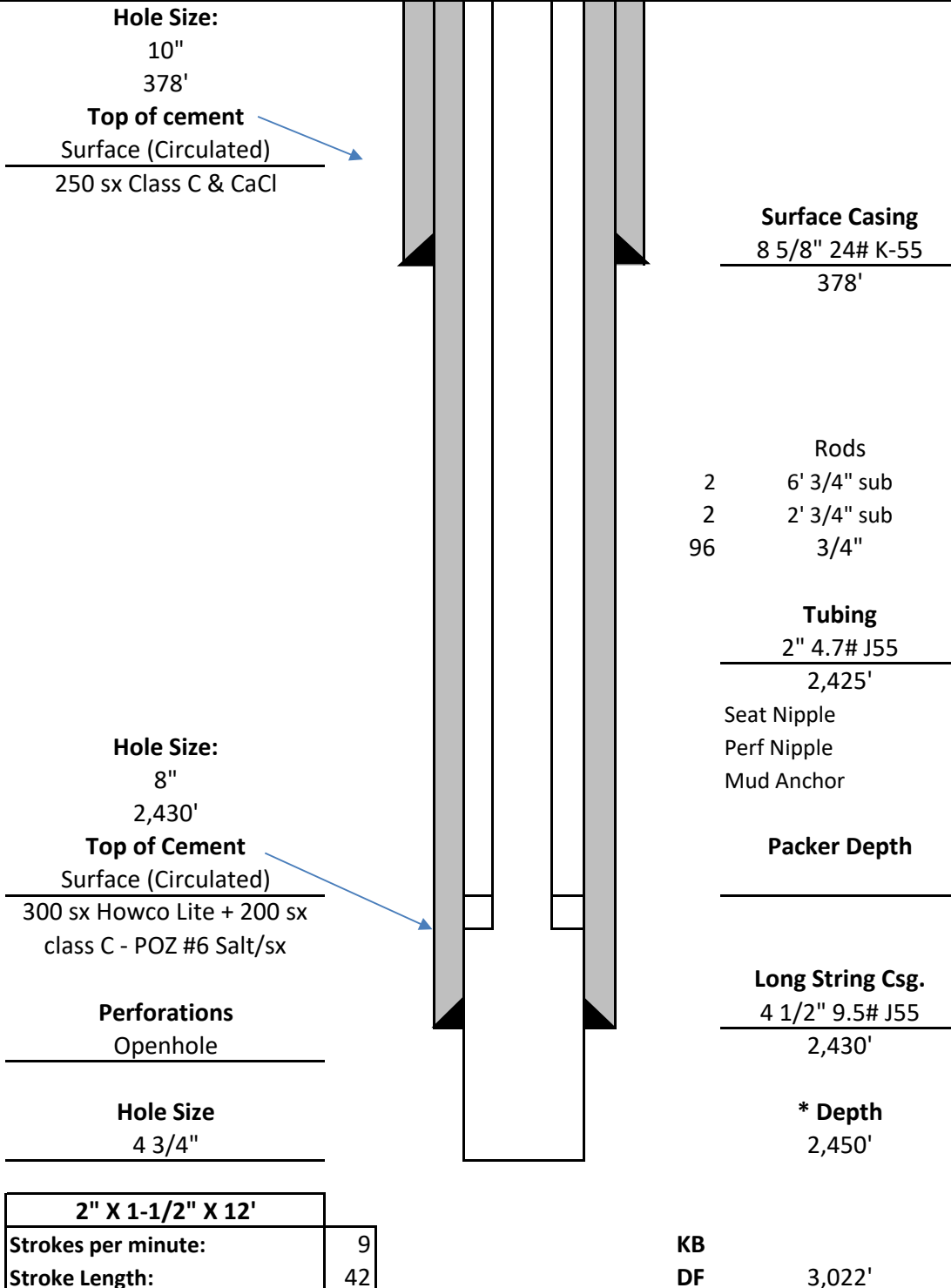
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IP: 46 BOPD

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Santa Fe, NM 87505

CONDITIONS

Action 68113

CONDITIONS

Operator: EASTLAND OIL CO P.O. Box 3488 Midland, TX 79702	OGRID: 22767
	Action Number: 68113
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	2/16/2022