

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. 30-015-33146
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name HARROUN "A"
8. Well Number 7
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> 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 <u>M</u> : <u>330</u> feet from the <u>SOUTH</u> line and <u>530</u> feet from the <u>WEST</u> line Section <u>28</u> Township <u>22S</u> Range <u>28E</u> NMPM <u>EDDY</u> County	
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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 Cornett Connolly TITLE Vice - President DATE 12/21/2021

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: Dean R McClure TITLE Petroleum Engineer DATE 02/16/2022

Conditions of Approval (if any):

THE EASTLAND OIL COMPANY

Harroun A #7
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.

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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.

Wellbore Schematic

Harroun A #7

330' FSL 530' FWL

M-Sec 28 TS22S R28E

Eddy County, NM

First Produced 2/5/04

API # 30-015-33146

Lat

Long

IP: Oil, Mcf, Water

Hole: 12 1/4"

434'

Top of cement

Surface

208 sx Class C & CaCl

Surface Casing

8 5/8" 24# K-55

420'

Rods

2 6' 3/4" sub

2 2' 3/4" sub

96 3/4"

Seat Nipple 2,480'

Perf Nipple

Mud Anchor

Hole: 7 7/8"

2,476'

Top of Cement

Surface

154 sx lead & 247 sx 50-50

POZ + 2% D20 + 0.2% D46

Packer Depth

Long String Csg.

5 1/2" 14# K-55

2,475'

Perforations

Openhole

Hole Size

4 3/4"

*** Depth**

2,510'

2" X 1-1/2" X 12'

Strokes per minute:

Stroke Length:

KB: 3048

D.F.

Last crank hole

G.L. 3036

Pump Displacement: per day

						Drift Dia (in)	Collapse Pressure (psi)	Internal Yield Pressure (psi)	Joint Yield Strength (lbs.ft)	Body Yield Strength (lbs.ft)	bbl/ft	ft/bbl	ft3/ft	ft/ft3	gal/ft	ft/gal
Surface	Depth (ft)	Diam	Weight	Grade	ID (in)	7.972	1,370	2,950		381,000	0.0637	15.7015	3576	2.7966	2.6749	0.3738
Production	2,475	5-1/2"	24#	k-55	8.097	4.887	3,120	4,270	189,000	222,000	0.0244	40.9796	0.137	7.2988	1.0249	0.9757

Volumes	depth	bbls
Production	2475	60.39
Openhole	2510	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'							

Wellbore Schematic

Harroun A #7

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KB: 3048

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CONDITIONS

Action 68115

CONDITIONS

Operator: EASTLAND OIL CO P.O. Box 3488 Midland, TX 79702	OGRID: 22767
	Action Number: 68115
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

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