

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

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.)		WELL API NO. 30-015-28273
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Flare Oil, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 107 R.R. 620 S Austin, TX 78734		7. Lease Name or Unit Agreement Name Ingalls
4. Well Location Unit Letter <u>F</u> <u>2204</u> feet from the <u>N</u> line and <u>2208</u> feet from the <u>W</u> line Section <u>22</u> Township <u>23S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>002</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3013		9. OGRID Number 330485
		10. Pool name or Wildcat E. Loving Delaware

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.

NMOCD plans to plug this well in accordance with the attached procedure and any agreed modifications thereto.

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 Drake McCulloch TITLE Authorized Representative DATE 3/15/22

Type or print name Drake McCulloch E-mail address: drake@dwsrigs.com PHONE: 505 320 1180

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

Submit One Copy To Appropriate District
Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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 November 3, 2011

WELL API NO. 30-015-28273	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Ingalls	
8. Well Number 002	
9. OGRID Number 330485	
10. Pool name or Wildcat E. Loving 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: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Flare Oil, Inc.	
3. Address of Operator 107 R.R. 620 S Austin, TX 78734	
4. Well Location Unit Letter <u>F</u> : <u>2204</u> feet from the <u>N</u> line and <u>2208</u> feet from the <u>W</u> line Section <u>22</u> Township <u>23S</u> Range <u>28E</u> NMPM _____ County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3013	
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/> <input checked="" type="checkbox"/> Location is ready for OCD inspection after P&A	
<input checked="" type="checkbox"/> All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. <input checked="" type="checkbox"/> Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned. <input checked="" type="checkbox"/> A steel marker at least 4" in diameter and at least 4' above ground level has been set in concrete. It shows the	

**OPERATOR NAME, LEASE NAME, WELL NUMBER, API NUMBER, QUARTER/QUARTER LOCATION OR
UNIT LETTER, SECTION, TOWNSHIP, AND RANGE. All INFORMATION HAS BEEN WELDED OR
PERMANENTLY STAMPED ON THE MARKER'S SURFACE.**

- ☐ The location has been leveled as nearly as possible to original ground contour and has been cleared of all junk, trash, flow lines and other production equipment.
- ☐ Anchors, dead men, tie downs and risers have been cut off at least two feet below ground level.
- ☐ If this is a one-well lease or last remaining well on lease, the battery and pit location(s) have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. All flow lines, production equipment and junk have been removed from lease and well location.
- ☐ All metal bolts and other materials have been removed. Portable bases have been removed. (Poured onsite concrete bases do not have to be removed.)
- ☐ All other environmental concerns have been addressed as per OCD rules.
- ☐ Pipelines and flow lines have been abandoned in accordance with 19.15.35.10 NMAC. All fluids have been removed from non-retrieved flow lines and pipelines.
- ☐ If this is a one-well lease or last remaining well on lease: all electrical service poles and lines have been removed from lease and well location, except for utility's distribution infrastructure.

When all work has been completed, return this form to the appropriate District office to schedule an inspection.

SIGNATURE Drake McCulloch TITLE Authorized Representative

DATE 3/15/22

TYPE OR PRINT NAME Drake McCulloch
For State Use Only

E-MAIL: drake@dwsrigs.com

PHONE (505) 320-1180

APPROVED BY: _____ TITLE _____ DATE _____

Flare Oil/NMOCD OWP

Plug And Abandonment End Of Well Report

Ingalls #002

2204' FNL & 2208' FWL, Section 22, T23S, R28E

Eddy County, NM / API 30-015-28273

Work Summary:

- 2/13/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 2/14/22** Moved P&A equipment from Roswell to Eddy County. Prepped location with backhoe. MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Waited on additional equipment to be trucked to location. Secured and shut-in well for the day.
- 2/15/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Bled down well. R/U P&A rig. Removed horse's head. Worked stuck rod string. L/D polish rod, 58 - 7/8" sucker rods, 151 - 3/4" sucker rods, 38 - 7/8" sucker rods, 4' 7/8" pony rod, and sucker rod pump. Secured and shut-in well for the day.
- 2/16/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Worked stuck tubing. TOOH with 181 joints of 2-3/8" tubing, tubing anchor, 8 - 2-7/8" joints of tubing, seating nipple, 4' perforated sub, and 1 joint of 2-7/8" tubing with bull plug. P/U casing scraper and round tripped above top perforation to a depth of 6,130'. Secured and shut-in well for the day.
- 2/17/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Bled down well. P/U CR, TIH and set at 6,032'. Attempted to circulate wellbore but

could not establish circulation with 180 bbls of fresh water. TOOH with tubing. L/D stinger nose. TIH to 2,250'. Secured and shut-in well for the day.

- 2/18/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Bled down well. TIH and tagged CR at 6,032'. R/U cementing services. Pumped plug #1 from 6,032'-5,768' to cover the Bone Spring perforations and formation top. TOOH with tubing. WOC 4 hours. TIH and tagged plug #1 top at 5,768'. Successfully circulated wellbore with 100 bbls of fresh water. TOOH. R/U wireline services. Ran CBL from top of plug #1 at 5,768' to surface. CBL results were sent to NMOCD office for review. Secured and shut-in well for the day.
- 2/19/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Bled down well. TIH to top of plug #1 at 5,768'. R/U cementing services. Pumped 9.5 ppg weighted spacer from 5,768'-4,790'. L/D tubing up to next plug depth. R/U cementing services. Pumped plug #2 from 4,790'-4,527' to cover the Brushy Canyon formation top. WOC 4 hours. TIH and tagged plug #2 top at 4,494'. R/U cementing services. Pumped 9.5 ppg mud spacer from 4,494'-3,439'. L/D tubing up to next plug depth. R/U cementing services. Pumped plug #3 from 3,439'-3,176' to cover the Cherry Canyon formation top. TOOH with tubing. WOC overnight. Secured and shut-in well for the day.
- 2/20/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Bled down well. TIH and tagged plug #3 top at 3,228' which was lower than the minimum tag depth. R/U cementing services. Re-pumped plug #3 from 3,228'-2,975'. TOOH with tubing. WOC 4 hours. TIH and tagged plug #3 top at 2,991'. R/U cementing services. Pumped weighted spacer from 2,991'-2,660'. L/D tubing up to next plug depth. Secured and shut-in well for the day.
- 2/21/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Bled down well. TIH with tubing to 2,660'. Circulated wellbore with 15 bbls of fresh water. TOOH. Wait on wireline services. Delivered sucker rods from location to salvage yard. Secured and shut-in well for the day.
- 2/22/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Bled down well. Wait on wireline services. Rig and cementing crew worked to take old production lines apart from separator and other production equipment on location. Secured and shut-in well for the day.

- 2/23/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Bled down well. R/U wireline services. RIH and perforated squeeze holes at 2,660'. Attempted to establish injection rate into perforations at 2,660' but was unsuccessful. No flow was observed coming from production casing. R/U cementing services. Pumped plug #4 from 2,714'-2,451' to cover the Bell Canyon formation top. TOOH with tubing. WOC 4 hours. TIH and tagged cement at 2,184'. TOOH with tubing. R/U wireline services. RIH and perforated squeeze holes at 2,000'. Attempted to establish injection rate into perforations at 2,000' but was unsuccessful. No flow was observed coming from production casing. TIH to 2,184'. R/U cementing services. Re-pumped plug #4 from 2,184'-1,900' to cover the perforations at 2,000' and the Bell Canyon formation top. TOOH with tubing. WOC overnight. Secured and shut-in well for the day.
- 2/24/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 150 psi. Bled down well. TIH and tagged plug #4 top at 1,626'. R/U cementing services. Pumped 9.5 ppg mud spacer from 1,626'-500'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 506'. R/U cementing services. Successfully established circulation down production casing through perforations at 506' and back around and out Bradenhead valve at surface with 21 bbls of fresh water. Pumped cement down production casing through perforations at 506' but was unable to circulate cement to surface after pumping 313 sx of cement. WOC 4 hours. TIH with tubing to 694' and didn't tag any cement. Established circulation out of Bradenhead with 2.5 bbls of fresh water. TOOH. Secured and shut-in well for the day.
- 2/25/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Attempted to establish circulation down production casing through perforations at 506' and back around and out Bradenhead valve at surface but wellbore immediately pressured up. TIH and tagged plug #5 top at 165'. NMOCD requested to drill out cement to 331'. R/U power swivel. Drilled cement from 165'-331'. Circulated wellbore clean with fresh water. R/D power swivel. Secured and shut-in well for the day.
- 2/28/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U tubing to TOC at 331'. R/U power swivel. Circulated wellbore with fresh water. Drilled cement from 331'-629'. R/D power swivel. P/U tubing to 1,622'. Circulated wellbore clean with fresh water. TOOH with tubing. Secured and shut-in well for the day.

- 3/1/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #4 top at 1,626'. R/U power swivel. Circulated wellbore with fresh water. Drilled cement from 1,626'-1,670'. Circulated wellbore with 40 bbls of fresh water. R/D power swivel. TOOH with tubing. Secured and shut-in well for the day.
- 3/2/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. Ran CBL from top of plug #4 at 1,670' to surface. CBL results were sent to NMOCD office for review. R/U cementing services. Pumped 9.5 ppg mud spacer from 1,670'-870'. L/D tubing up to 870'. R/U cementing services. Pumped plug #5 from 870'-350' to cover the surface casing shoe. WOC 4 hours. TIH and tagged plug #5 top at 330'. TOOH. R/U wireline services. RIH and perforated squeeze holes at 130'. Attempted to establish circulation down 5 ½" production casing through perforations at 130' and back around and out Bradenhead valve at surface but was unsuccessful. R/U wireline services. RIH and perforated squeeze holes at 105'. Successfully established circulation down 5 ½" production casing through perforations at 105' and back around and out Bradenhead valve at surface. Successfully circulated cement down 5 ½" production casing through perforations at 105' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL.
- 3/14/22** Conducted safety meeting with rig crew. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. N/D BOP. Performed wellhead cut-off. Cement was at surface in 8-5/8" surface casing and 5 ½" production casing strings. Photographed the P&A marker in place and recorded its location via GPS coordinates. Backfilled P&A marker. R/D and MOL.

Plug Summary:**Plug #1: (Bone Spring Formation Top 6,032'-5,768', 25 Sacks Type III Cement)**

Mixed 25 sx Type III cement and spotted a balanced plug to cover the Bone Spring formation top.

Plug #2: (Brushy Canyon Formation Top 4,790'-4,494', 25 Sacks Type III Cement)

Mixed 25 sx Type III cement and spotted a balanced plug to cover the Brushy Canyon formation top.

Plug #3: (Cherry Canyon Formation Top 3,439'-2,991', 49 Sacks Type III Cement (Re-pumped 24 sx))

Mixed 49 sx Type III cement and spotted a balanced plug to cover the Cherry Canyon formation top. Re-pumped 24 sx of cement.

Plug #4:(Bell Canyon Formation Top 2,714'-1,670', 50 Sacks Type III Cement(Re-pumped 25 sx))

RIH and perforated squeeze holes at 2,660'. Attempted to establish injection rate into perforations at 2,660' but was unsuccessful. No flow was observed coming from production casing. R/U cementing services. Pumped plug #4 from 2,714'-2,451' to cover the Bell Canyon formation top. TOOH with tubing. WOC 4 hours. TIH and tagged cement at 2,184'. TOOH with tubing. R/U wireline services. RIH and perforated squeeze holes at 2,000'. Attempted to establish injection rate into perforations at 2,000' but was unsuccessful. No flow was observed coming from production casing. TIH to 2,184'. R/U cementing services. Re-pumped plug #4 from 2,184'-1,900' to cover the perforations at 2,000' and the Bell Canyon formation top. TOOH with tubing. WOC overnight. TIH and tagged plug #4 top at 1,626'. Drilled cement from 1,626'-1,670'.

Plug #5:(8-5/8" Surface Casing Shoe 870'-330', 362 Sacks Type III Cement(Re-pumped 49 sx))

RIH and perforated squeeze holes at 506'. R/U cementing services. Successfully established circulation down production casing through perforations at 506' and back around and out Bradenhead valve at surface with 21 bbls of fresh water. Pumped cement down production casing through perforations at 506' but was unable to circulate cement to surface after pumping 313 sx of cement. WOC 4 hours. TIH with tubing to 694' and didn't tag any cement. Established circulation out of Bradenhead with 2.5 bbls of fresh water. TOOH. R/U cementing services. Attempted to establish circulation down production casing through perforations at 506' and back around and out Bradenhead valve at surface but wellbore immediately pressured up. TIH and tagged plug #5 top at 165'. NMOCD requested to drill out cement to 331'. R/U power swivel. Drilled cement from 165'-331'. P/U tubing to TOC at 331'. R/U power swivel. Circulated wellbore with fresh water. Drilled cement from 331'-629'. R/D power swivel. P/U tubing to 1,622'. TIH and tagged plug #4 top at 1,626'. R/U power swivel. Circulated wellbore with fresh water. Drilled cement from 1,626'-1,670'.

Plug #6: (Surface Cap 105'-Surface, 60 Sacks Type III Cement)

RIH and perforated squeeze holes at 130'. Attempted to establish circulation down 5 ½" production casing through perforations at 130' and back around and out Bradenhead valve at surface but was

unsuccessful. R/U wireline services. RIH and perforated squeeze holes at 105'. Successfully established circulation down 5 ½" production casing through perforations at 105' and back around and out Bradenhead valve at surface. Successfully circulated cement down 5 ½" production casing through perforations at 105' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. Performed wellhead cut-off. Cement was at surface in 8-5/8" surface casing and 5 ½" production casing strings. Photographed the P&A marker in place and recorded its location via GPS coordinates. Backfilled P&A marker. R/D and MOL.



002
LIL-F 2204'FNL-2208'
FWL Sec 22 T23S R28E
30-015-28273-330485
Ingalls Eddy-Co.

Eddy-Co.

Wellbore Diagram

Ingalls #002

API #: 30-015-28273

Eddy County, New Mexico

Plug 6

105 feet - Surface

105 feet plug

60 sacks of Type III Cement

Plug 5

870 feet - 330 feet

540 feet plug

362 sacks of Type III

Re-pumped 49 sacks Type III

Plug 4

2714 feet - 1670 feet

1044 feet plug

50 sacks of Type III Cement

Re-pumped 25 sacks Type III

Plug 3

3439 feet - 2991 feet

448 feet plug

49 sacks of Type III Cement

Re-pumped 24 sacks Type III

Plug 2

4790 feet - 4494 feet

296 feet plug

25 sacks of Type III Cement

Plug 1

6032 feet - 5768 feet

263 feet plug

25 sacks of Type III Cement

Perforations

6081 feet - 6187 feet

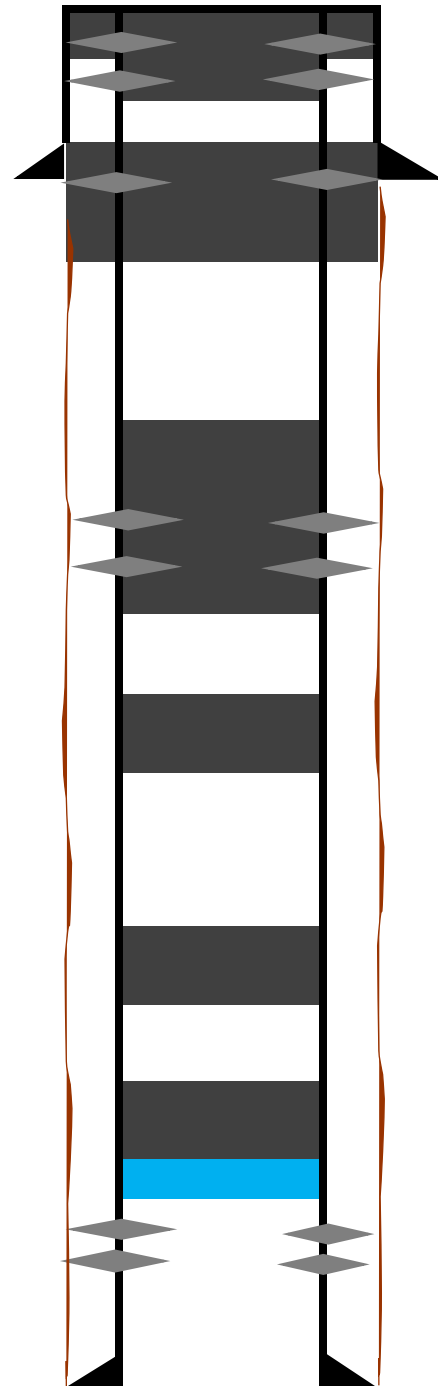
Surface Casing

8.625" 24# @ 406 Ft

Retainer @ 6032 feet

Production Casing

5.5" 17# @ 6346 ft



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 91134

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 91134
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	10/28/2025