


C&M Services, LLC. Natural Resources Department

MAILING: P.O. BOX 3470 HOBBS, NM 88241
 HOBBS OFFICE: 2607 W. MARLAND BLVD. HOBBS, NM 88240
 CARLSBAD OFFICE: 312 N. CANAL ST STE C, CARLSBAD NM, 88220

10/21/19

NMOCD District 1
 1625 N. French Drive
 Hobbs, New Mexico 88240

RE: Remediation Closure Report for the Mesa #8105 30 & 31 Tank Battery Release (1RP-5704), Lea County, New Mexico

To whom it concerns:

On behalf of BTA Oil Producers, LLC (BTA), C&M Services, LLC. (C&M) has prepared this Liner Inspection/Closure Report that describes the liner inspection related to the release of liquids related to oil and gas production activities at the Mesa #8105 30 & 31 Tank Battery site. The release site is in Unit B, Section 1, Township 26S, Range 32E, Lea County, New Mexico, on Federal land.

Release History

On August 29, 2019, a release was discovered at the Mesa #8105 30 & 31 Tank Battery site due to a failure of the packing on the circulation pump. Initial response activities were conducted by BTA and included source elimination and site security; containment; and site stabilization activities, which recovered approximately 16 barrels of fluid. Map 1 illustrates the vicinity and site location. The initial C-141 form is included in Appendix A.

Release Location Information

Table 1: Release Information

API Number	30-025-43725	Source of Release	Circulation pump failure
Remediation Permit Number	1RP-5704	Released Material	Crude Oil
Estimated Date of Release	8/31/19	Released Volume	16bbls
NMOCD Report Date	9/10/19	Recovered Volume	16bbls
NMOCD Closure Criteria	>100 feet to groundwater	Net Release	0 bbls

The Mesa #8105 30 & 31 Tank Battery is located approximately 27 miles southwest of Jal, New Mexico on federally owned land at an elevation of approximately 3,352 feet above mean sea level (amsl).

There are no known water sources within ½-mile of the location, according to the New Mexico Office of the State Engineer (NMOSE) online water well database. Depth to groundwater in the area is estimated to be greater than 100 feet below grade surface (bgs). The nearest significant watercourse is the Pecos River, located approximately 25.5 miles to the southwest. Map 2



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illustrates the site with 100, 200, and 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Liner Inspection and Documentation

On Oct.15, 2019 a full visual inspection of the liner was conducted by C&M personnel. The liner was found to be completely intact. Please see attached Photo log (Appendix C).

Conclusion

Based on the recovery of all the released liquids and the integrity of the liner being intact, BTA requests closure of this spill. The final C-141 is enclosed in Appendix A. If you have any questions or comments concerning this report, please call Jacqui Harris at 575-496-0780.

Submitted by:

C&M Services, LLC, Natural Resource Department

A handwritten signature in black ink that reads 'Jacqui Harris'.

Jacqui Harris

Environmental Compliance Manager



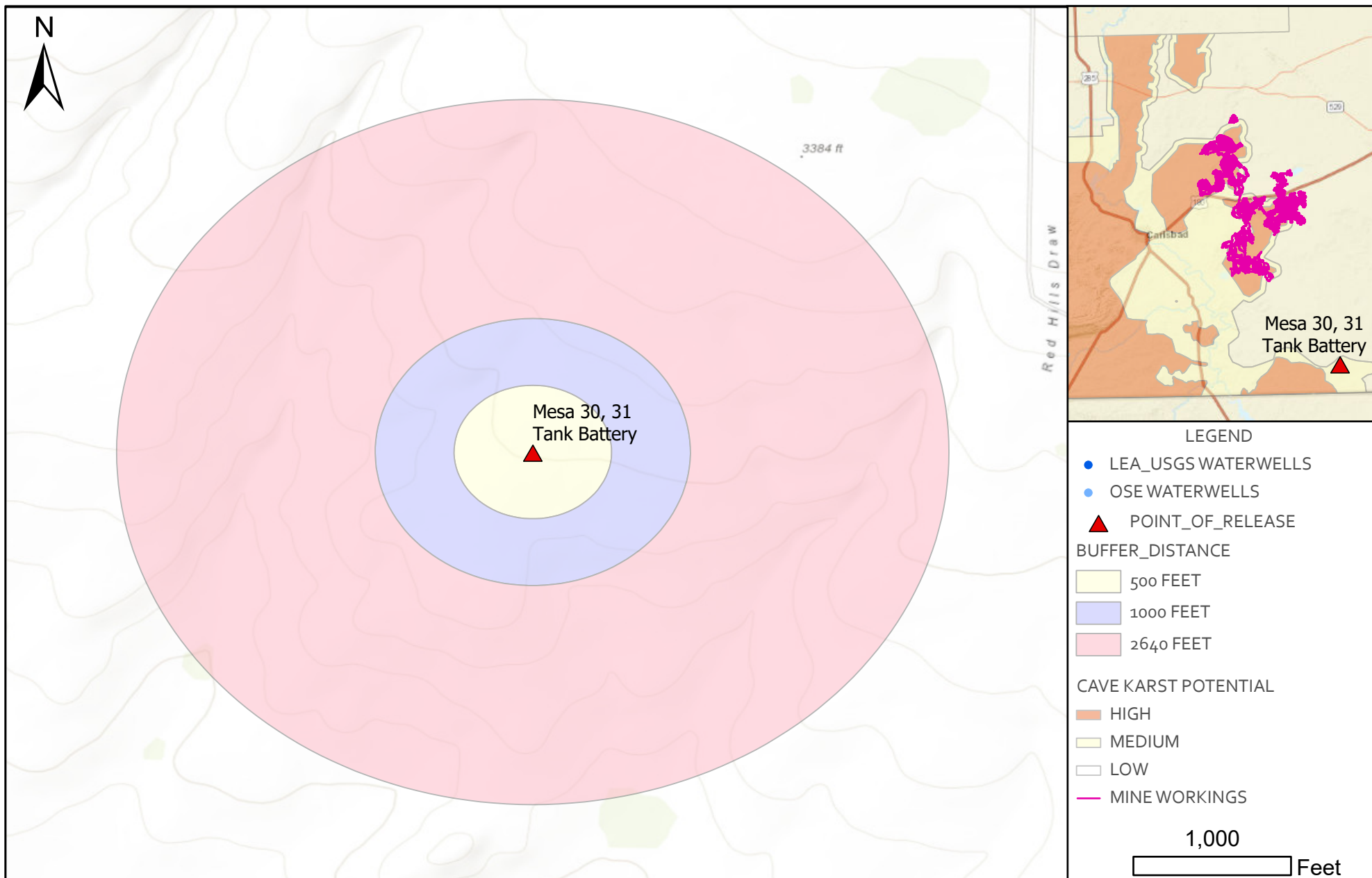
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Map 1



Regional Vicinity & Wellhead Protection Map

Map 1

BTA- MESA 8105 30 & 31 TANK BATTERY

SEW Author

10/1/2019 Date





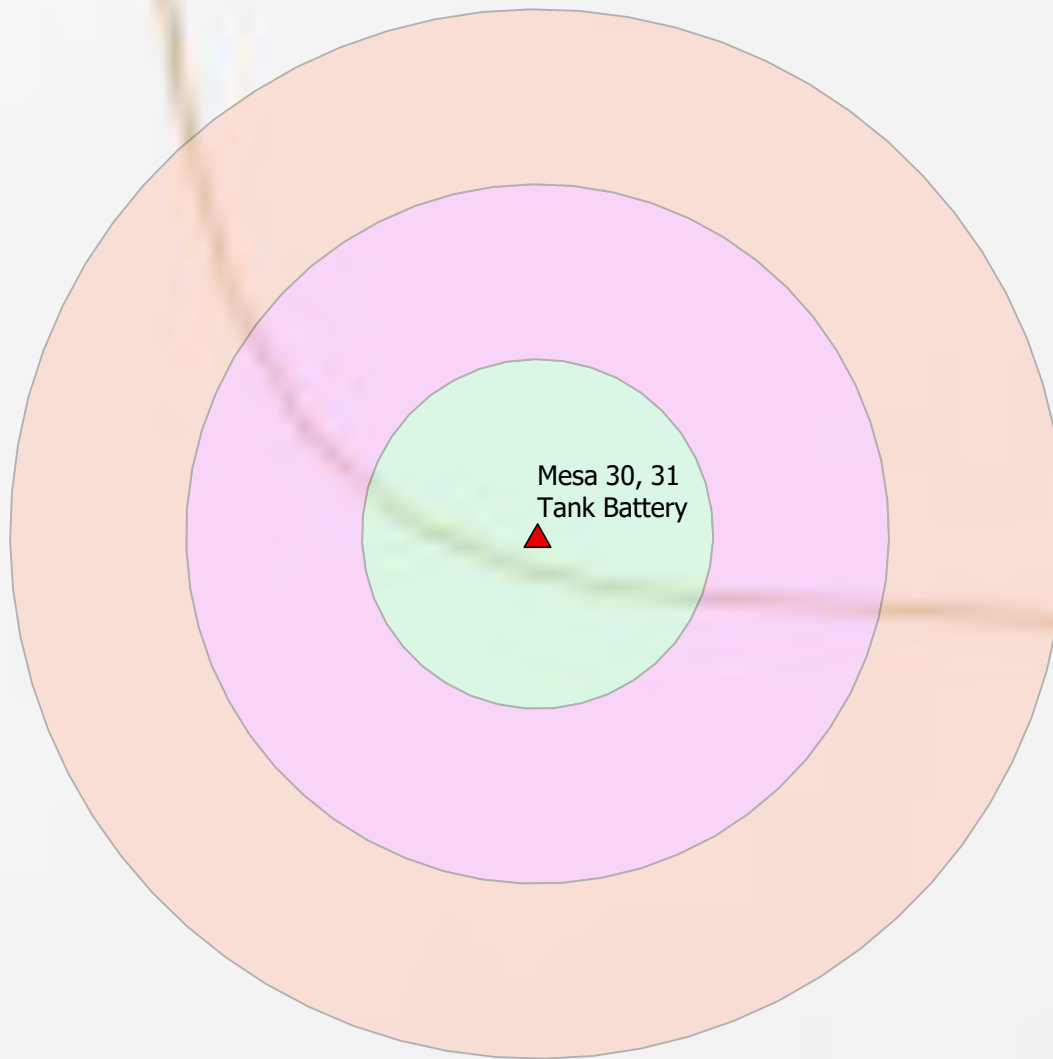
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Map 2



LEGEND

- SPRINGS SEEPS
- STREAMS CANALS
- RIVERS
- FLOWLINES SENM
- LAKES PLAYAS
- ▨ FEMA FLOOD ZONES 2011
- ▲ POINT_OF_RELEASE

BUFFER_DISTANCE

- 100 FEET
- 200 FEET
- 300 FEET

160

Feet

Surface Water Protection Map

Map 2

BTA - MESA 8105 30 & 31 TANK BATTERY

SEW Author

10/3/2019 Date





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Appendix A

Initial &

Closure

C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NRM1927058375
District RP	1RP-5704
Facility ID	
Application ID	pRM1927058621

Release Notification

Responsible Party

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297
Contact Name: Bob Hall	Contact Telephone: 432-682-3753
Contact email: bhall@btaoil.com	Incident # <i>(assigned by OCD)</i>
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

Location of Release Source

Latitude: **32.07827°** Longitude: **-103.63139°**

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Mesa 8105 30 & 31 Tank Battery	Site Type: Tank Battery
Date Release Discovered: 8/31/2019	API# <i>(if applicable)</i> Nearest well: Mesa 8105 JVP #031H API #30-025-43725

Unit Letter	Section	Township	Range	County
B	1	26S	32E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name:)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 16 BBL	Volume Recovered (bbls) 16 BBL
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The packing on a circulating pump failed and released 16 BO inside lined secondary containment. A vacuum truck picked up the oil.


State of New Mexico
Oil Conservation Division

Incident ID	NRM1927058375
District RP	1RP-5704
Facility ID	
Application ID	pRM1927058621

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? 	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why: <u>Additional Information:</u> This area is within lined secondary containment. A liner inspection will be required.
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: Bob Hall Title: Environmental Manager Signature: <u></u> Date: 9/10/2019 email: bhall@btaoil.com Telephone: 432-682-3753
<u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>09/27/2019</u>

State of New Mexico
Oil Conservation Division

Incident ID	NRM1927058375
District RP	1RP-5704
Facility ID	
Application ID	pRM1927058621

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or **photos of the liner integrity** if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Bob Hall Title: Environmental Manager

Signature:  Date: 10/17/19

email: bhall@btaoil.com

Telephone: 432-682-3753

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



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Appendix B

NMBOSE Well

Data



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02273		CUB	LE	1	2	21	26S	33E		634549	3545134*	7208	160	120	40
C 02287		C	LE	3	4	4	03	26S	33E	636427	3548708	7361	220		
C 02286		CUB	LE	3	4	4	03	26S	33E	636470	3548714	7402	220	175	45
C 02290		CUB	LE	4	4	4	03	26S	33E	636538	3548770	7460	200	160	40
C 02271	R	CUB	LE	2	3	21	26S	32E		624449	3544111*	7492	150	125	25
C 02285 POD1		CUB	LE	1	4	4	03	26S	33E	636613	3548855	7522	220	220	0
C 02289		CUB	LE	4	4	4	03	26S	33E	636612	3548675*	7549	200	160	40
C 03595 POD1		CUB	LE	4	2	3	21	26S	32E	624423	3544045	7559	280	180	100
C 02288		CUB	LE	4	4	4	03	26S	33E	636646	3548758	7569	220	180	40
C 02271 POD2		CUB	LE	3	2	3	21	26S	32E	624348	3544010*	7634	270	250	20
C 02323		C	LE	3	2	3	21	26S	32E	624348	3544010*	7634	405	405	0
C 03537 POD1		CUB	LE	3	2	3	21	26S	32E	624250	3543985	7715	850		

Average Depth to Water: **197 feet**

Minimum Depth: **120 feet**

Maximum Depth: **405 feet**

Record Count: 12

UTM NAD83 Radius Search (in meters):

Easting (X): 629168

Northing (Y): 3549931

Radius: 8000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



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Appendix C

Photo Log



