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8 **STATE OF CALIFORNIA**  
9 **NATURAL RESOURCES AGENCY**  
10 **DEPARTMENT OF CONSERVATION**  
11 **GEOLOGIC ENERGY MANAGEMENT DIVISION**  
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14 **ORDER TO PLUG AND ABANDON WELL, DECOMMISSION ATTENDANT FACILITIES,**  
15 **AND RESTORE WELL SITE**  
16 **NO. 1274**  
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18 **Operator: Estate of Harold C. Morton**  
19 **Field: Long Beach Oil Field**  
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1 I. Introduction

2 The State Oil and Gas Supervisor (**Supervisor**), acting through the Geologic Energy  
3 Management Division (**CalGEM**), and under the authority of Division 3 of the Public Resources  
4 Code (**PRC**; commencing with PRC section 3000) and California Code of Regulations, title 14  
5 (**Regulations**), may order the plugging and abandonment of a well or the decommissioning of  
6 a production facility that has been deserted, whether or not any damage is occurring, or  
7 threatened, by reason of that deserted well. (PRC, § 3237, subd. (a).) An operator's failure to  
8 timely pay required annual fees for any idle well is conclusive evidence of desertion. (PRC, §  
9 3206, subds. (a) and (c).)

10 Based on CalGEM's records, Estate of Harold C. Morton (**Operator**) is or was the  
11 "operator" (as defined in PRC section 3009) of the well identified on **Attachment A**,  
12 incorporated herein (**the Well**), and is responsible (as specified in PRC section 3237, subdivision  
13 (c)(1)) for the plugging and abandonment of the Well, the decommissioning of the production  
14 facility attendant to the Well (**the Facility**), and the restoration of the well sites for the Well.  
15 CalGEM's records indicate that, under applicable provisions of PRC section 3206, Operator  
16 was required to timely pay idle well fees for the Well for years 2019 through 2021, and that  
17 Operator has not done so. This failure to timely pay idle well fees is conclusive evidence of  
18 desertion, based upon which the Supervisor has determined that the Well and the Facility are  
19 deserted. Therefore, pursuant to PRC sections 3106, 3206, 3224, 3226, and 3237, and as set forth  
20 below, the Supervisor is ordering Operator to plug and abandon the Well, to decommission  
21 the Facility, and to restore the well site for the Well, consistent with all applicable requirements,  
22 including PRC sections 3208, 3228, 3229, and 3230; Regulations sections 1722, 1723 through  
23 1723.8, 1724 through 1724.1, 1760, 1775, and 1776; and the conditions included in any  
24 permit/approval CalGEM may issue pursuant to PRC section 3229; and until that work is  
25 complete, perform remedial work and testing as necessary to prevent damage to life, health,  
26 property, and natural resources.

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1 **II. Definitions**

2 **PRC section 3008, subdivision (a)**, defines "well" to mean, among other things, "any oil  
3 or gas well or well for the discovery of oil or gas; any well on lands producing or reasonably  
4 presumed to contain oil or gas."

5 **PRC section 3008, subdivision (d)**, defines "idle well" as any well that for a period of 24  
6 consecutive months has not either produced oil or natural gas, produced water to be used in  
7 production stimulation, or been used for enhanced oil recovery, reservoir pressure  
8 management, or injection. For the purpose of determining whether a well is an idle well,  
9 production or injection is subject to verification by the division. An idle well continues to be an  
10 idle well until it has been properly abandoned in accordance with Section 3208 or it has been  
11 shown to the division's satisfaction that, since the well became an idle well, the well has for a  
12 continuous six-month period either maintained production of oil or natural gas, maintained  
13 production of water used in production stimulation, or been used for enhanced oil recovery,  
14 reservoir pressure management, or injection. An idle well does not include an active  
15 observation well."

16 **PRC section 3009**, defines "operator" to mean "a person who, by virtue of ownership, or  
17 under the authority of a lease or any other agreement, has the right to drill, operate, maintain,  
18 or control a well or production facility."

19 **Regulations section 1760, subdivision (r)**, defines "production facility" to mean "any  
20 equipment attendant to oil and gas production ... including, but not limited to, tanks,  
21 flowlines, headers, gathering lines, wellheads, heater treaters, pumps, valves, compressors,  
22 injection equipment, production safety systems, separators, manifolds, and pipelines that are  
23 not under the jurisdiction of the State Fire Marshal pursuant to Section 51010 of the  
24 Government Code, excluding fire suppressant equipment."

25 **III. State Oil and Gas Supervisor Authority**

26 **PRC section 3013** states that the oil and gas conservation laws (commencing with PRC  
27 section 3000) "shall be liberally construed to meet its purposes" and grants the Supervisor "all  
28 powers" that may be necessary to carry out those purposes.

1           **PRC section 3106, subdivision (a)**, authorizes the Supervisor to “supervise the drilling,  
2 operation, maintenance, and abandonment of wells and the operation, maintenance, and  
3 removal or abandonment of tanks and facilities attendant to oil and gas production ... so as  
4 to prevent, as far as possible, damage to life, health, property, and natural resources[.]”

5           **PRC section 3206, subdivision (a)**, requires “[t]he operator of any idle well shall do either  
6 of the following:

7           1. No later than May 1 of each year, for each idle well that was an idle well at any time in  
8 the last calendar year, file with the supervisor an annual fee equal to the sum of the  
9 following amounts:

- 10                   A. One hundred fifty dollars (\$150) for each idle well that has been an idle well  
11                   for three years or longer, but less than eight years.
- 12                   B. Three hundred dollars (\$300) for each idle well that has been an idle well for  
13                   eight years or longer, but less than 15 years.
- 14                   C. Seven hundred fifty dollars (\$750) for each idle well that has been an idle well  
15                   for 15 years or longer, but less than 20 years.
- 16                   D. One thousand five hundred dollars (\$1,500) for each idle well that has been  
17                   an idle well for 20 years or longer.

18           2. File a plan with the supervisor to provide for the management and elimination of all  
19 long-term idle wells.”

20           **PRC section 3206, subdivision (c)**, provides “Failure to file, for any well, the fee required  
21 under this section shall be conclusive evidence of desertion of the well, permitting the  
22 supervisor to order the abandoned pursuant to Section 3237.”

23           **PRC section 3206.1, subdivision (a)**, provides “By June 1, 2018, the division shall review,  
24 evaluate, and update its regulations pertaining to idle wells. The update shall include idle well  
25 testing and management requirements that, at minimum, include all of the following:

- 26           1. Appropriate testing, as determined by the supervisor, to determine whether the fluid  
27           level is above the base of an underground source of drinking water.

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- 1 2. Appropriate testing, as determined by the supervisor, to verify mechanical integrity of
- 2 the well.
- 3 3. Appropriate remediation, as determined by the supervisor, of idle wells if there is an
- 4 indication of a lack of mechanical integrity.
- 5 4. For a well that has been idle for 15 years or more, an engineering analysis
- 6 demonstrating to the division's satisfaction that it is viable to return the idle well to
- 7 operation in the future."

8 **PRC section 3206.1, subdivision (e)**, provides "Failure to file to comply with the  
9 requirements of the regulations implementing this section shall be conclusive evidence of  
10 desertions of the well, permitting the supervisor to order the well abandoned pursuant to  
11 Section 3237."

12 **PRC section 3224** mandates that the Supervisor "order such tests or remedial work as in  
13 his judgment are necessary to prevent damage to life, health, property, and natural resources;  
14 to protect oil and gas deposits from damage by underground water; or to prevent the escape  
15 of water into underground formations, or to prevent the infiltration of detrimental substances  
16 into underground or surface water suitable for irrigation or domestic purposes, to the best  
17 interests of the neighboring property owners and the public."

18 **PRC section 3226**, provides that "within 30 days after service of an order pursuant to  
19 Sections 3224 and 3225, or Section 3237, or if there has been an appeal from the order to the  
20 director, within 30 days after service of the decision of the director, or if a review has been  
21 taken of the order of the director, within 10 days after affirmance of the order, the owner or  
22 operator shall commence in good faith the work ordered and continue it until completion. If  
23 the work has not been commenced and continued to completion, the supervisor may  
24 appoint necessary agents to enter the premises and perform the work. An accurate account  
25 of the expenditures shall be kept. Any amount so expended shall constitute a lien against real  
26 or personal property of the operator pursuant to the provisions of Section 3423.  
27 Notwithstanding any other provisions of Section 3224, 3225, or 3237, if the supervisor determines  
28 that an emergency exists, the supervisor may order or undertake the actions he or she deems

1 necessary to protect life, health, property, or natural resources.”

2 **PRC section 3237, subdivision (a)(1)**, authorizes the Supervisor to “order the plugging  
3 and abandonment of a well ... that has been deserted whether or not any damage is  
4 occurring or threatened by reason of that deserted well.” The Supervisor or district deputy  
5 “shall determine from credible evidence whether a well ... is deserted.”

6 **Regulations section 1723.9**, requires operators to “comply with all of the requirements of  
7 Section 1772.1 for the testing of idle wells.”

8 **Regulations section 1772.1, subdivision (a)**, requires that operators shall, within 24  
9 months of a well becoming idle, conduct fluid-level tests for all idle wells using acoustical,  
10 mechanical, or other reliable methods, or other diagnostic tests approved by the Supervisor to  
11 determine whether the fluid is above the base of the underground source of drinking water.  
12 Operators shall, within 24 months of a well becoming idle, conduct casing pressure tests. Within  
13 eight years of a well becoming an idle well, operators shall perform clean out tag on the well  
14 to determine if the ability to reach the current CalGEM-approved depth of the well using  
15 either open-ended tubing or a gauge ring demonstrated to CalGEM to be the minimum  
16 diameter of the tubing necessary to properly plug and abandon the well.

17 **Regulations section 1772.1.1**, mandates the pressure testing requirements for  
18 Regulations sections 1752, 1772.1, and 1772.5.

19 **Regulations section 1772.1.2**, mandates operators to submit to CalGEM an engineering  
20 analysis that demonstrates, to CalGEM's satisfaction, that an idle well that has been idle for 15  
21 years is “viable to return the well to operation in the future.” Operators shall comply with the  
22 various substantive requirements of the engineering analysis.

23 **Regulations section 1772.1.3**, requires casing diagram information to be included in the  
24 engineering analysis for an idle well that has been idle for 15 years. Operators shall ensure the  
25 casing diagram submitted to CalGEM is accompanied by the documentation of all cement  
26 yield and cement calculations performed; all information used to calculate cement slurry for  
27 each cement job completed in each well; and the wellbore path, providing measured depth  
28 and both inclination and azimuth measurements.

1 **Regulations section 1772.1.4, subdivision (a)**, requires operators to conduct all pressure  
2 testing and clean out tag on idle wells by April 1, 2025. Operators are required to have  
3 submitted, but June 1, 2019, a "Testing Compliance Work Plan that schedules the completion  
4 of this this testing ..." from 2019 through 2025.

5 **IV. Conclusive Evidence of Desertion**

6 Based on CalGEM's records, at all times relevant to this order, Operator was the  
7 "operator," as defined in PRC section 3009, of the Well. At all times relevant to this order, the  
8 Well was an "idle well" as defined in PRC section 3008, subdivision (d).

9 As the operator of the Well, following the process for idle well management set forth in  
10 PRC section 3206, subdivision (a), Operator did not submit an Idle Well Management Plan in  
11 lieu of paying idle well fees. Operator was therefore required to pay an idle well fee for each  
12 of its idle wells that were idle in 2018 by May 1, 2019, as provided in the 2019 Idle Well Fee  
13 Invoice prepared by CalGEM; idle in 2019 by May 1, 2020, as provided in the 2020 Idle Well Fee  
14 Invoice prepared by CalGEM; and idle in 2020 by May 1, 2021, as provided in the 2021 Idle  
15 Well Fee Invoice prepared by CalGEM. (PRC, § 3206, subds. (a) & (a)(2)(B)(v).) (**Attachments B,**  
16 **C, and D** incorporated herein.) As of the date of this order, Operator has not paid its idle well  
17 fees for its Well idle in 2018, 2019, and 2020. Operator's failure to pay the required idle well fees  
18 for the Well is conclusive evidence of desertion. (PRC, § 3206, subd. (c).)

19 Furthermore, Operator failed to perform and/or submit proof of performing required idle  
20 well testing as required per PRC section 3206.1, subdivision (a) and Regulations sections 1723.9  
21 and 1772.1, 1772.1.2 through 1772.1.4. Operator's failure to submit evidence that it conducted  
22 the required idle well testing of the Well is conclusive evidence of desertion. (PRC, § 3206.1,  
23 subd. (e).)

24 **V. Operator's Required Actions**

25 For the reasons stated herein, CalGEM has determined that the Well and the Facility are  
26 deserted. Therefore, pursuant to PRC sections 3013, 3106, 3206, 3206.1, 3224, 3226, and 3237, **IT**  
27 **IS HEREBY ORDERED** that Operator plug and abandon the Well, decommission the Facility, and  
28 restore the well site for the Well consistent with all applicable requirements of PRC sections

1 3208, 3224, 3228, 3229, and 3230; Regulations sections 1722, 1723 through 1723.8, 1724 through  
2 1724.1, 1760, 1775, and 1776; and the conditions included in any permit CalGEM may issue  
3 pursuant to PRC section 3229. Until that work is complete, Operator is ordered to perform  
4 remedial work and testing on the Wells and the Facility as necessary to prevent damage to  
5 life, health, property, and natural resources.

6 **VI. Operator's Appeal Rights**

7 Operator may appeal this Order by filing a timely written notice of appeal with the  
8 Director as described in Article 6 (Appeals and Review) of Division 3 of the PRC, commencing  
9 with PRC section 3350. (PRC, §§ 3225, subd. (d); 3236.5, subd. (c); 3237, subd. (b).) If this Order  
10 is mailed to you, the Director must receive the appeal within (15) days from the date the  
11 Supervisor mails the Order. To file an appeal, a written notice of appeal may be sent via U.S.  
12 mail to:

13 Department of Conservation  
14 Director's Office of Appeals  
15 715 P Street, MS 19-06 (Legal Office, Chief Counsel)  
16 Sacramento, California 95814

16 Or via electronic mail:

17 CalGEMAppeals@conservation.ca.gov.  
18

19 If Operator files a timely written notice of appeal, Operator will be informed of the  
20 appeal hearing date, time, and place. Following the hearing, Operator will receive a written  
21 decision that affirms, sets aside, or modifies the appealed order.

22 If Operator does not file a timely written notice of appeal, or if the order is affirmed  
23 following an appeal, this order will become a final order and CalGEM may contract for  
24 performance of the work, pursuant to PRC section 3226, if, within 30 days of this order,  
25 Operator has not, in good faith, commenced the work ordered. Any costs incurred by  
26 CalGEM to obtain compliance with this order (which may include penalties and interest) will  
27 constitute a lien against Operator's real or personal property per PRC section 3423. (PRC, §  
28 3356.)



1 **VII. Consequences of Non-Compliance**

2 Failure to comply with Section V (Operator's Required Actions) of this order could  
3 subject Operator to further enforcement action.

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6 DATED: July 8, 2022



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8 Uduak-Joe Ntuk  
9 State Oil and Gas Supervisor

1 Service List:

2 The Estate of Harold C. Morton  
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