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|-----------------------|------------------------|-------------------|
| Kern County Townships | 4000 ft Project Buffer | Access Road       |
| Kern County Sections  | Proposed Well          | Kern County Roads |
| SPR Leasehold         | Tier 1                 |                   |
| Project Location      | Tier 2                 |                   |

- Notes:
- A) Project location and lease lines are noted on map:  
Dome Lease: APN 183-210-01  
Site approximate acreage and dimensions:  
0.3 ac, 121 ft x 86 ft, 55 ft x 51 ft
- B) Section Lines are noted on map. Coordinates in NAD 83, Lat/Long:  
Dome 237: -119.581253 (X), 35.221575 (Y)  
811'S and 2469'E from the NW Corner of Section 23, T31S/R22E
- C) There are no sensitive receptors, or sensitive receptor property lines, within 4,000'.
- D) All new production lines, gas lines, electrical lines, and tank farms are indicated on the map, if applicable.
- E) North arrow, date the site plan was prepared, and scale are all shown.
- F) No accessory / ancillary facilities (including truck parking, on-site storage, etc.) will be installed. Temporary parking and ancillary equipment are noted on the map.
- G) CalGEM Permit Number: Not Available Yet
- H) Source of water: Fresh water will be supplied from West Kern Water District as needed. Produced water will be supplied from field's produced water as needed.
- I) Underground lines are indicated on map.
- J) Please refer to page 3 of the site plan for details of any active and/or open Conformity Reviews on the subject and adjacent parcels.
- K) A signature block for operator is included.

**APPROVED**  
FOR ZONE REQUIREMENTS ONLY  
Kern County Planning & Natural Resources

  
FOR: OGCR BY: JACOB RATHBUN  
DATE: 9/7/2021 ZONE: A

Project Name: New Well - Dome 237	
Regional Site Plan View - Tier 1 Area	
Date Prepared: June 11, 2021	
Sentinel Peak Resources California, LLC 1200 Discovery Drive, Suite 500 Bakersfield, CA 93309	
Midway-Sunset Field, Section 23, T31S/R22E	Page 1 of 2
Operator Signature: For Tom Cruise 	Sentinel Peak Resources California Surface Owner





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Feet

Kern County Townships

Kern County Sections

SPR Leasehold

Proposed Well

Project Location

Proposed Flow Line

Proposed Casing Gas Line

Burried Pipeline

Proposed Power Pole

Proposed UG Power

Rig/Ancillary/Equip

Staging Area/Temp Parking

SJV-MWD-WELL-237-SITEPLAN-MAP-1133



# Compliance with specific Mitigation Measures in Kern County Oil & Gas Ordinance

- MM 4.1-1) Access route consists of public roads and existing oilfield roads on SPR (permittee) surface and offset operator owned surface. A Road-Use Agreement has been executed between permittee and offset operator and has been submitted and is on file for reference.
- MM 4.1-2) All drilling/workover equipment will be removed from site within 90 days.
- MM 4.1-3) Hopkins Sump will be used. Authorized by CVRWQCB Order 2003-0003-DWQ. NOA has been submitted and is on file. Sump is located at -119.709039 (X), 35.422152 (Y)
- MM 4.1-5) No permanent signage will be installed. Temporary signage in the form of 3, 2 ft x 3 ft foldable, sandwich-style, signs will be in various locations on the lease access roads within 100 yds of the site to direct rig traffic.
- MM 4.1-6) Only temporary lighting on the rig itself will be used (red dot on site plan). The rig's lights are comprised of intrinsically safe halogen bulbs directed downward towards the project site.
- MM 4.3-1) All of SPR's wells in the Cymric Field are covered by SJVAPCD Permits # 1372-100, -99, and -87. Permits have been submitted and are on file, for reference.
- MM 4.3-2) SPR implements a Fugitive Dust Control Plan based on industry BMPs and SJVAPCD requirements. Program is on file and available at job site.
- MM 4.3-3 All diesel engines are registered with CARB's Potable Equipment Registration Program.
- MM 4.3-4) All on-road heavy-duty diesel haul vehicles are post-2007 and comply with applicable California on-implemented road emission standards.
- MM 4.3-5) No sensitive receptors within 4,000'.
- MM 4.3-7) Project will comply with Odor Management Plan on file.
- MM 4.3-8) All applicable fees shall be paid to KC.
- MM 4.4-1) No avoidance measures required. No new disturbance.
- MM 4.6-3) No ground slopes over 30% are present in the project area.
- MM 4.6-4) Continuous measurement of injected and/or produced fluids is employed in potentially impacted areas to ensure proper voidage replacement and maintain underground pressures to prevent subsidence. Surface tilt meter arrays are utilized to monitor ground movement to verify the efficacy of voidage replacement efforts in these areas.
- MM 4.7-1) No stationary sources exist within the project area.
- MM 4.7-2) All project activities are covered under the Cap-and-Trade Program.
- MM 4.7-3) Project will comply with all applicable SJVAPCD and CARB regulations regarding methane including Rule 4401 and 4409.
- MM 4.7.4) All project activities and impacts are covered under the Cap-and-Trade Program.
- MM 4.8-2) All hazardous materials transportation activities will comply with requirements of the DOT, Hazardous Materials Transportation Act, and Federal Motor Carrier Safety Administration
- MM 4.8-3) Implementation of the permit will comply with all requirements established by OSHA, Cal-OSHA, KCFD, and CalGEM)
- MM 4.8-5) If contaminated soil is found or suspected, work will be halted, and the affected area will be sampled and analyzed to determine extent of contamination. If contamination is found to be above regulatory levels, Kern County Public Health Services Department will be notified for further guidance.
- MM 4.8-6) All applicable pollution prevention measures will be implemented
- MM 4.8-7) All spill prevention measures will be implemented. A copy of the spill contingency plan has been submitted and is on file. In addition to the contingency plan, the project will comply with all requirements of the CalGEM UIC program, and the requirements specified in the UIC PAL. A copy of the CalGEM UIC PAL has been submitted and is on file.
- MM 4.8-8) Project will not commence until approved CalGEM permit is obtained and provided to the County Planning Dept.
- MM 4.8-14) All spill/release reporting and applicable management measures will be implemented
- MM 4.8-15) No acutely hazardous chemicals will be used. If their use becomes necessary, applicable reporting and safety requirements will be implemented
- MM 4.8-18) Project is approximately 50 miles from the west border of Joint Service Restricted R-2508 Complex and consultation has occurred with Complex staff regarding ongoing oilfield operations. Proof of consultations has been submitted and is on file.
- MM 4.8-20) All fire protection details will be implemented
- MM 4.8-22) Project will comply with all requirements regarding waste management
- MM 4.9-4) This is not a well stimulation permit per the SB4 Regulation but is considered a Class II Injection Well. The project will comply with approved UIC requirements and attached CalGEM Project Approval Letter. The aquifer where stimulation will occur is the Tulare formation, which has obtained an exemption for use.
- MM 4.9-5) This is not a well stimulation permit per the SB4 Regulation but is considered a Class II Injection Well. When necessary, produced water will be disposed of in the Hopkins Sump which is authorized by CVRWQCB Order 2003-0003-DWQ. NOA has been submitted and is on file. Sump is located at -119.709039 (X), 35.422152 (Y)
- MM 4.12-1 & 2) No sensitive receptors within 4,000', therefore all minimum setback requirements are complied with
- MM 4.16.2) SPR's drilling contractors maintain annual motor carrier permits and annual equipment transportation permits. In addition, consultation with Kern County Public Works will occur prior to mobilization to address construction related traffic impacts and project will not commence until approval is granted.
- MM 4.17-2) No construction waste will be stored on-site for longer than the duration of the activity, and only permitted waste facilities or recycling sites will be utilize for disposal.
- MM 4.17-3) All water used during the project will be purchased from a utility (West Kern Water District). This well will require approximately 0.04-acre feet of utility water during construction. Water use is metered. No reclaimed water to be used.
- Per Section 19.98.080.E.10, there currently no active Kern County OGO permits on the subject parcel.

