Law Enforcement Needs Assessment Form	
Project Characteristics, as Proposed by the Project Applicant	
Location, Size, and Site Access:	The OEHI CO2 EOR Processing Facility and 13 Satellite Sites would occupy approximately 136 acres in Section 27S of the Elk Hills Oil Field (EHOF) in western Kern County, California. The Processing Facility would occupy 102 acres located roughly four miles south of the proposed HECA Project Site, around three miles southwest of Tupman and three miles directly north of Dustin Acres and Valley Acres. Primary access would be from the SR 119 and North Access Road (Gate 2) entrance, the Tupman Road and North Access Road (Gate 1) entrance, Elk Hills Road and Skyline Road (Gates 3 and 4) entrance, and McKittrick (Gate 5) entrance. In addition to the Processing Facility, the EOR operation would utilize 13 satellite facilities dispersed tthroughout the EHOF. CO2 injection would take place using 309 CO2 injection wells and 411 oil production wells. Of the 720 required wells, 570 are already established. The project would then require installation of 150 new wells within the existing EHOF.
Estimated Schedule:	Construction associated with the OEHI CO2 EOR project would occur over a 20-year implementation period, starting in 2014. The total number of construction workers needed would fluctuate during the construction period from a peak of 385 workers in 2015 and a minimum of seven workers in 2022 and 2032. The project would require an average of 114 construction workers annually. Construction of the Processing Facility would occur intermittently through 2025. Satellite facility construction and well installations and conversions would continue through 2033.
Construction (Traffic and Work Force):	The Applicant proposes that 75 percent of the workforce requirements for well and pipeline installations would be met using existing OEHI personnel and contractors. Approximately 25 percent of the workforce requirements for construction of the Processing Facilities and Satellite Gathering Stations would be met using existing OEHI staff. This would entail a maximum of 96 OEHI workers, and 290 non-OEHI construction workers, commuting to the project area on a daily or weekly basis. The applicant assumes 10-hour workdays and 250 work days per year. The traffic analysis assumed that all workers would arrive around 6:30am, prior to the morning peak hour (7:30 a.m. to 9:00 a.m.), and would depart around 3:30 pm to avoid the evening peak hour (4:00 p.m. to 6:00 p.m.).
Operation (Staff and Traffic):	Operation of the proposed OEHI project would employ approximately 25 full-time workers throughout the 20-year implementation period. Around 20 of these would be directly employed at the CO2 processing Facility itself, while five would be field representatives. The Applicant assumes that a majority of the operations staff would be hired from the existing pool of local area contractors.
Security:	OEHI currently controls contractor selection, site access, and maintains 24-hour security operations on-site. Details regarding the specific security protocols in place are not currently available.
Existing Law Enforcement Resources and Services in the Project Area (Please attach additional paper if more room is needed to answer questions)	
Names and addresses of the facilities (e.g., sheriff substations) serving the project area, and distance of closest dispatch facility to the project site:	Kern Co. Sheriff Taft Substation 315 N. Lincoln St. Taft, Ca. 93268
Adopted or desired service standard (e.g., one sworn officer per 1,000 population) applicable to the project site:	I estimate our current staffing level at approx. one deputy per 1500 residents.
Existing staffing levels for facilities serving the project area (including sworn officers and civilians, totals and per shift):	Eleven deputies, two detectives, one sergeant, one office clerk.

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Estimated response times to the project site: Priority calls: Non-Priority calls:	Priority – ten minutes to 15 minutes Non-Priority – 20 + minutes
Current projected needs (e.g., facilities and staff) to maintain or meet existing service levels: Additional needs beyond those identified above to maintain or meet existing service levels with the project:	I am currently holding two deputy vacancies at the Taft Substation.
Exchange of general law enforcement responsibilities (e.g., formal and/or informal agreements with local municipalities for provision of services) in the project area:	None
Current inventory of specialized equipment (e.g., helicopters or other aircraft):	KCSO has an air unit with multiple helicopters and fixed wing aircraft.
Estimated Need for Law Enforcement Services, Equipment, and Facilities (Please attach additional paper if more room is needed to answer questions)	
Is there a process or formula used by your department to determine the need for additional law enforcement services to serve a new large-scale power plant? Please explain.	I am not aware of any formula to determine staffing for a large scale power plant.
Could the project trigger a need for additional law enforcement services for on-site crimes against persons, theft of materials, and/or vandalism? Please explain. During project construction: During project operation:	It is my belief during construction theft of parts and equipment will be a major problem. Oil field / energy related theft is a major problem in the Taft area. My concern during operation is the threat to my staff near or around a broken line and any possible exposure to dangerous gas.
Could increased project-related traffic affect circulation and access on roads near the project site to the extent that an impact to emergency response times might occur? Please explain. During project construction: During project operation:	During construction this could be a problem on Hwy 119 which is a two lane road and the main artery between I-5 and Taft. This would depend on the number of workers at any given time heading to or from work. During operation I would not see any major traffic concerns.
Do law enforcement personnel review development site plans for projects to assess potential law enforcement issues (e.g., lighting and other safety factors)? Please explain.	I am not aware of such a review at my agency.

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Are specific measures recommended to reduce the potential for crimes to occur at or near the project site (e.g., specific types of security fencing)? Please explain.	To stop theft I suggest, good lighting, security fencing, private security guards, and securing expensive equipment.
Please explain any other law enforcement concerns that have not been addressed by this needs assessment form.	I am concerned that the plant and related pipe lines may be a target of terrorist. I also believe the plant may be the site of protest/demonstrations related to global warming.
Person(s) Completing This Needs Assessment Form	
Name: Title/Position: Telephone No: E-mail Address:	Martin Downs Sergeant / Taft Substation 661 201-3851 downs @kernsheriff.com