



1920 W. Villa Maria, Ste. 205
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979.324.2139
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November 1, 2021

Mr. Cory Smith, Environmental Specialist
New Mexico Oil Conservation Division – District 3
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Status Report – 3rd Quarter 2021
Fifield 5 No. 1 (SE ¼, SW ¼, Sec. 5, T29N, R11W)
Hilcorp Energy Company
San Juan County, New Mexico
OCD Incident No.: NVF1718155324

Dear Mr. Smith:

On behalf of Hilcorp Energy Company (Hilcorp), Timberwolf Environmental, LLC (Timberwolf) presents this report to document activities conducted during the 3rd quarter 2021 (3Q21) at the Fifield 5 No. 1 (Site). The Site is a plugged well site located in northeast San Juan County, New Mexico (Figures 1 through 3).

In 2019, Hilcorp installed a soil vapor extraction (SVE) system to treat impacted soil related to historical pit tank releases. The SVE system is comprised of 18 SVE wells, 6 vent wells, and a SVE trailer (housing: control valves, flow and vacuum gauges, manifolds, fluid-air separator, automated controls, and a vacuum pump). The system remained inoperative while awaiting a power source.

In September 2021, Hilcorp installed a power source for the SVE system. The power source is a skid-mounted gas-fired motor with a pulley and belt drive apparatus to transfer power to a vacuum pump. The new vacuum pump was plumbed into the existing SVE trailer. A photographic log is attached. Newly added equipment includes the following:

- Power-blower skid consisting of:
 - Kawasaki FD750D natural gas fired motor (fueled by metered gas from the Hali Meador #005R gas well)
 - Belt drive apparatus to power blower (i.e., vacuum pump)
 - Natural gas motor with alternator and power inverter to provide electricity to existing trailer equipment (i.e., heat tape, exhaust fan, etc.)
 - Modified AB-800 Regenerative Blower manufactured by Atlantic Blowers; the blower modification included removing factory installed electric motor and converting to a belt-pulley drive system

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- Piping to plumb the new blower to the discharge leg of the liquid-air separator in the existing SVE trailer
- Automated high-level fluid shut-off was added to the liquid-air separator
- Remote monitoring system (Cygnet) was installed on the Kawasaki motor

System testing and troubleshooting was conducted during the final days of September. The system hour meter was not installed until October 1st; however, runtime as recorded by Cygnet indicated 9.63 hours runtime in September. Runtimes, flow rates, runtime percentage, and liquid recovery for 3Q21 is documented in the table below:

Table 1. System Runtime, Flow Rates, and Recovery – 3Q21

Measured Parameter	3Q21 Totals
Runtime (hours)	9.63
Runtime Percentage	0.4%
Average CFM	21.5
Recovered Liquids (gallons)	0

% - percentage
CFM – cubic feet per minute
N/A – not applicable

During the fourth quarter 2021, Hilcorp will continue system operations with bi-weekly operations and maintenance (O&M) inspections and will collect an initial gas sample for laboratory analysis.

If you have any questions regarding this report or need further assistance, please call us at 979-324-2139.

Sincerely,
Timberwolf Environmental, LLC



Kevin Cole
Project Manager



Jim Foster
President

Attachments: Figures
Photographic Log

cc: Kate Kaufman, Hilcorp Energy Company

Figures

Timberwolf Project No. HEC-190009

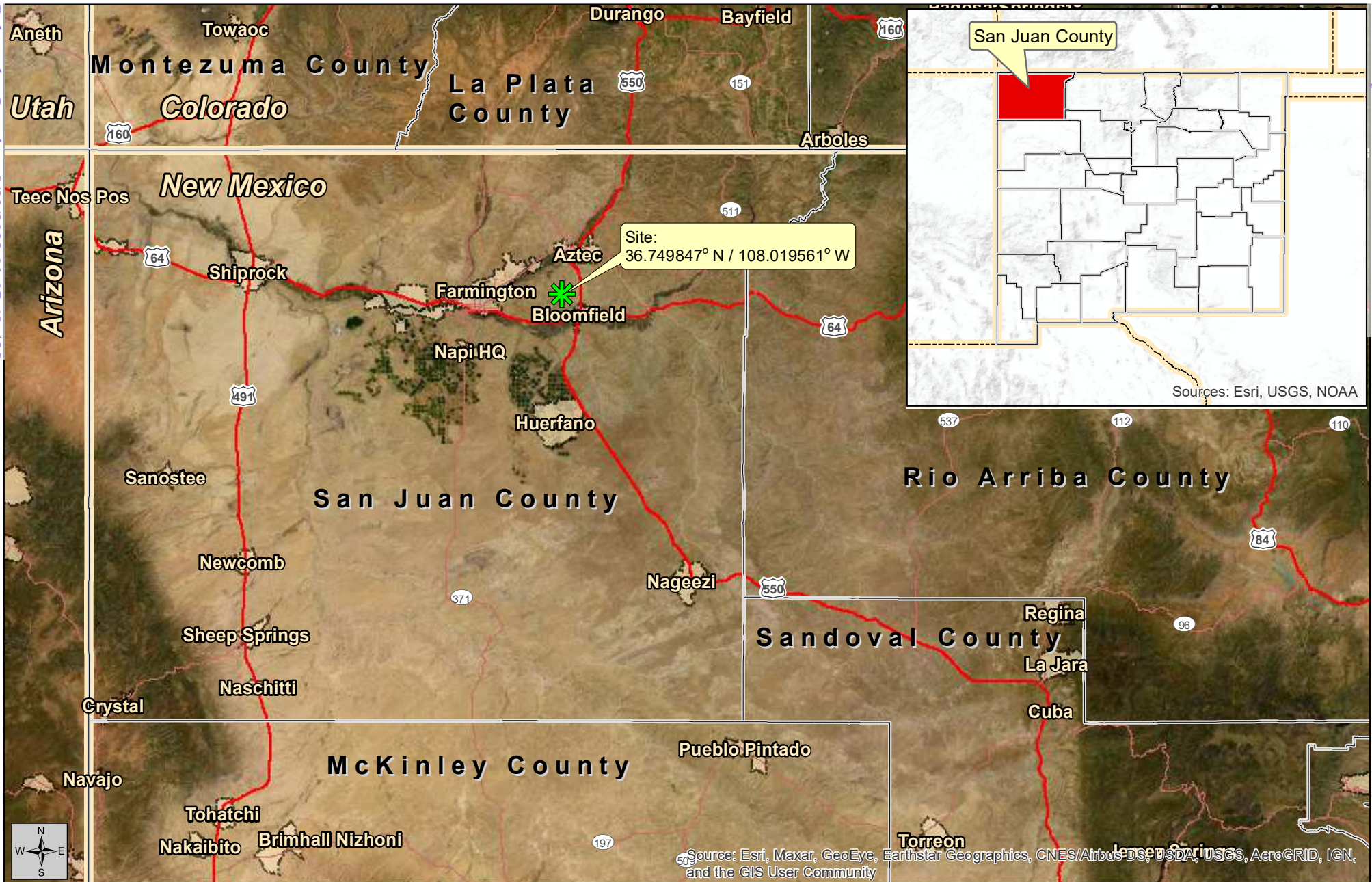


Figure 1
Site Location Map

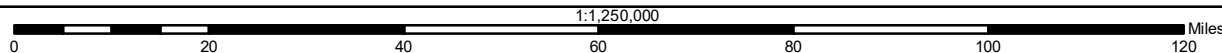
Status Report - 3rd Quarter 2021

October 28, 2021



Created By:
Kevin Cole
TE Project No.: HEC-190009

Fifield 5 No. 1 Release (OCD Incident No. NVF1718155324)
Hilcorp Energy Company
San Juan County, New Mexico



Datum: NAD83
Imagery Source: ESRI
Vector Source: ESRI and TE

 Site



Status Report - 3rd Quarter 2021

October 28, 2021

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Kevin Cole
TE Project No.: HEC-190009

Fifield 5 No. 1 Release (OCD Incident No. NVF1718155324)
Hilcorp Energy Company
San Juan County, New Mexico

2 Datum: NAD83
Imagery Source: USGS
Quads: Aztec, Bloomfield,
Flora Vista, Horn Canyon
Vector Source: TE

 Site
 Water Well

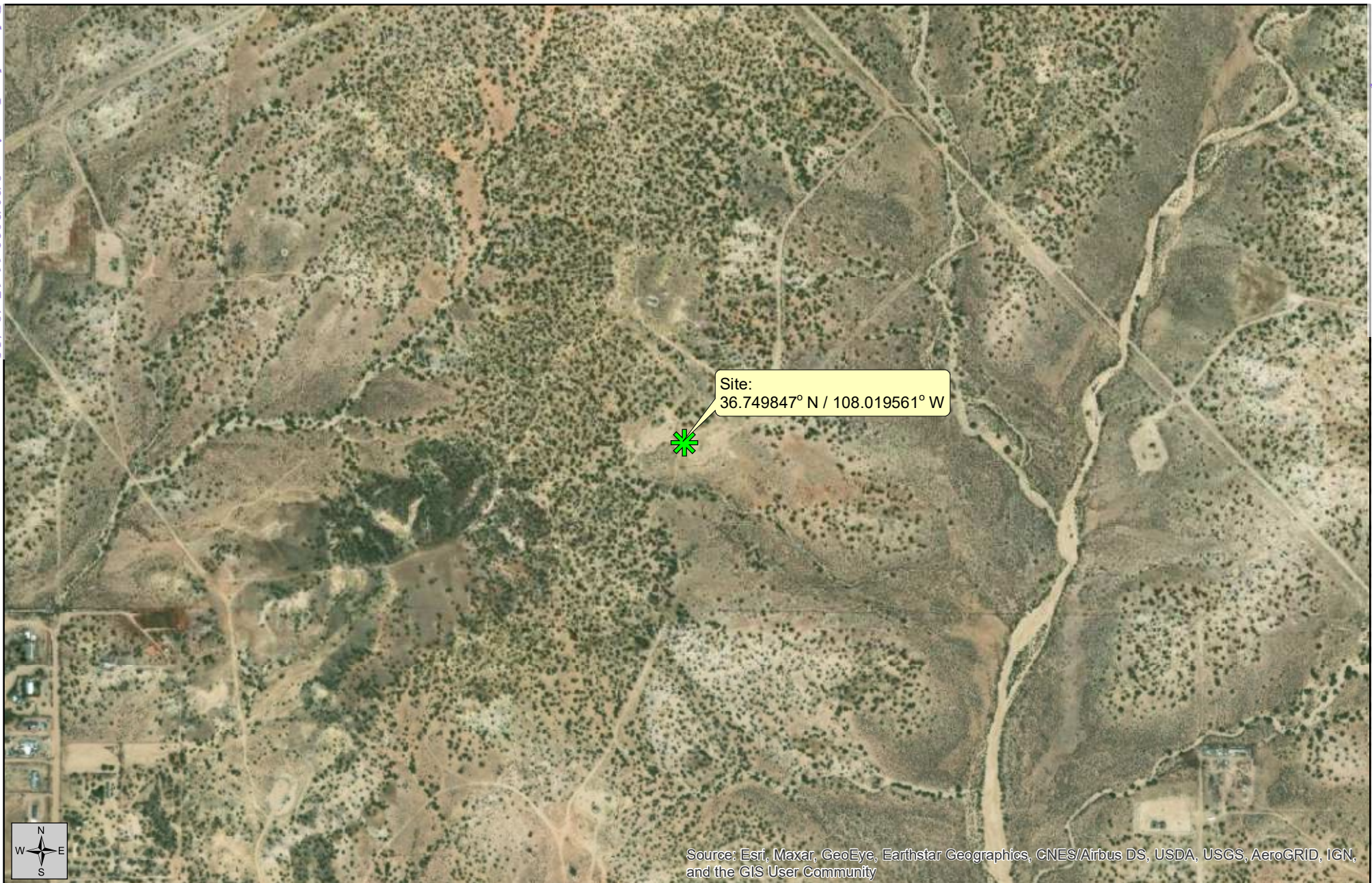


Figure 3
Aerial Map

Status Report - 3rd Quarter 2021


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0 0.25 0.5 0.75 1 Miles
1:10,000
Fifield 5 No. 1 Release (OCD Incident No. NVF1718155324)
Hilcorp Energy Company
San Juan County, New Mexico

Datum: NAD83
Imagery Source: ESRI
Vector Source: TE

 Site

Photographic Log

Timberwolf Project No. HEC-190009



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PHOTOGRAPHIC LOG

Project No.:	HEC-190009	Client:	Hilcorp Energy Company
Project Name:	Fifield 5 No. 1	Site Location:	San Juan County, New Mexico
Task Description:	Status Report - 3 rd Quarter 2021	Date:	September 2021
Photo No.: 1			
Direction: Northwest			
Comments: SVE wells and vents overview			
Photo No.: 2			
Direction:			
Comments: New power-blower skid w/ Kawasaki natural gas motor and regenerative blower			

District I

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District II

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District III

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District IV

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

CONDITIONS

Action 58836

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 58836
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Accepted for the record. See App ID 125737 for most updated status.	9/23/2022