



REMEDIATION SUMMARY

Facility: Golden Spur 25-2H (gas well)

Location: Eddy County, NM; UL-P, Section 25, T26S R31E

Latitude: N32° 0.452' Longitude: W103° 43.569'

Land Ownership: Federal (BLM)

Water Depth: >180-ft bgs

Remediation: The contaminated soil immediately around the well head was manually excavated 8 to 12 inches and replaced with clean caliche. The contaminated pad area to the west of the well head (approximately 50' X 30') was excavated to a 7' – 8' depth. Following field chloride analyses, five bottom samples were submitted to Xenco Laboratories, Odessa, TX for Chloride and TPH analysis. Analytical results indicate chloride concentrations ranging from 850-ppm to 1860-ppm at the five bottom sample points. TPH concentrations ranged from 51-ppm to 316-ppm at the five sample points.

All excavated soil was transported to CRI for approved disposal. Backfill material was clean caliche purchased from a private source.

Due to the >180-ft depth to water at this well site, the 850-ppm to 1860-ppm chloride concentration left in place at this site will pose no threat of contamination to any aquifer located beneath this location.

Attached:

- **Laboratory Analytical Report**
- **USGS Topographical Map of area**
- **Chevron Water Table Depth Contour Map**
- **Satellite Photo of location**
- **Excavation photos**



Certificate of Analysis Summary 483933

Conoco Phillips-Goldsmith, Goldsmith, TX

Project Name: Golden Spur 75-2H



Project Id:

Contact: Bryan Clay

Project Location: TX

Date Received in Lab: Wed Apr 23 14:03:25 pm

Report Date: 24 APR 14

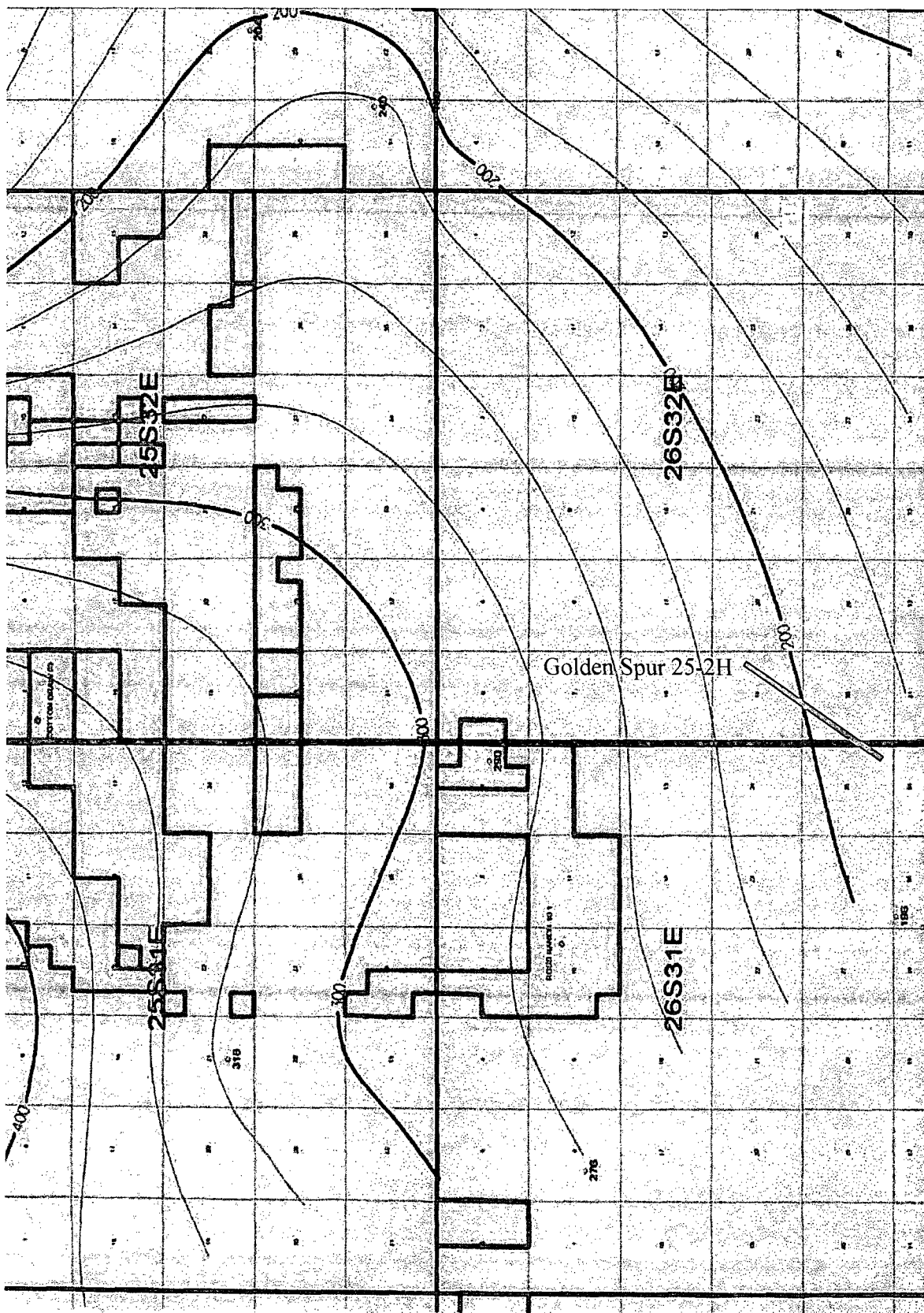
Project Manager: Kelsey Brooks

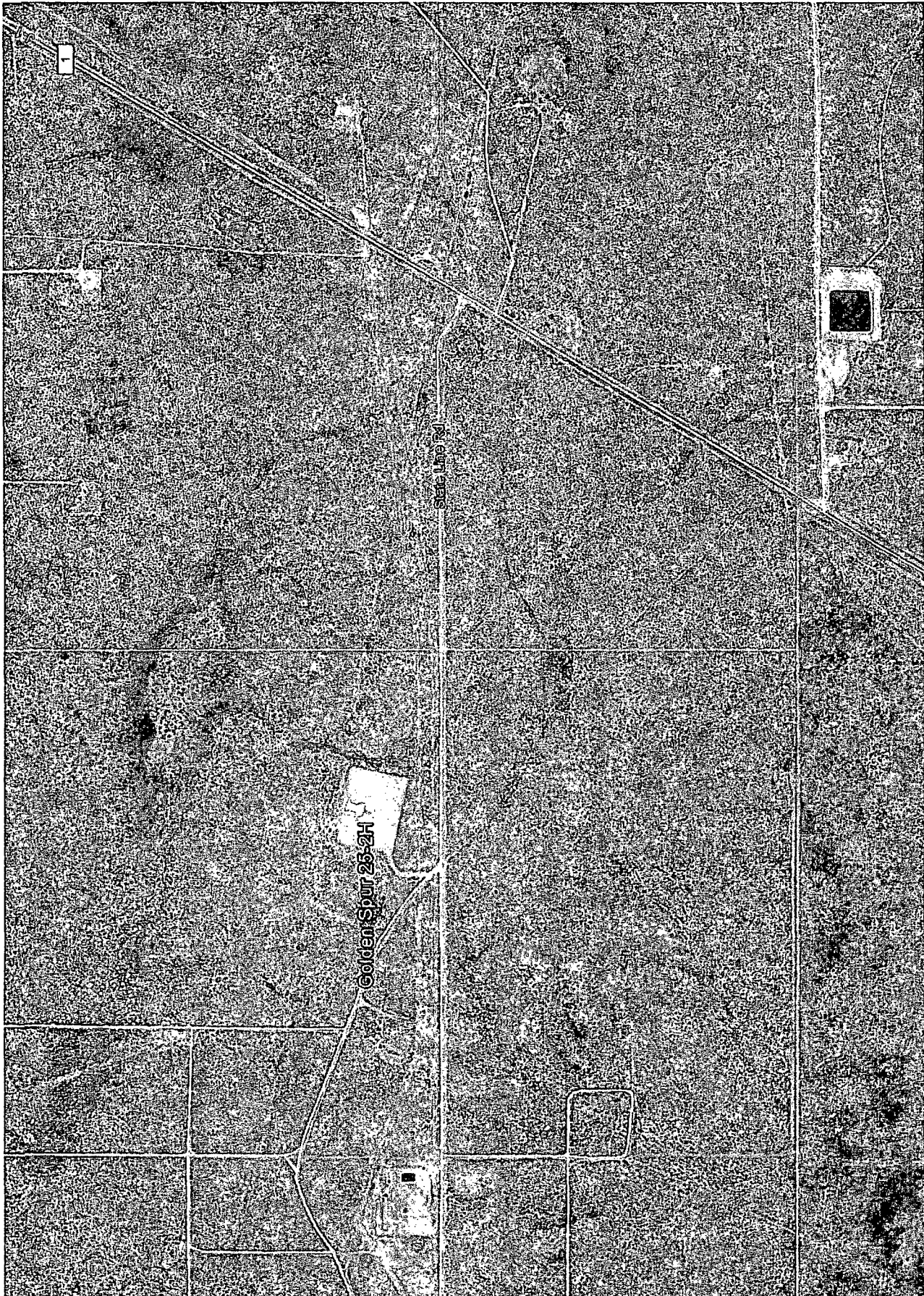
Analysis Requested	Lab Id:	483933-001	483933-002	483933-003	483933-004	483933-005	
	Field Id:	South	West	Center	North	East	
	Depth:						
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	Apr-22-14 11:30	Apr-22-14 11:45	Apr-22-14 12:00	Apr-22-14 12:15	Apr-22-14 12:30	
Inorganic Anions by EPA 300/300.1	Extracted:	Apr-24-14 10:30	Apr-24-14 10:30	Apr-24-14 10:30	Apr-24-14 10:30	Apr-24-14 10:30	
	Analyzed:	Apr-24-14 12:29	Apr-24-14 12:52	Apr-24-14 13:14	Apr-24-14 13:37	Apr-24-14 14:00	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
		842 119	1140 120	950 129	944 118	1860 123	
Percent Moisture	Extracted:	Apr-23-14 17:05	Apr-23-14 17:05	Apr-23-14 17:05	Apr-23-14 17:05	Apr-23-14 17:05	
	Analyzed:						
	Units/RL:	% RL	% RL	% RL	% RL	% RL	
		16.1 1.00	16.8 1.00	22.8 1.00	15.1 1.00	19.0 1.00	
TPH by Texas1005	Extracted:	Apr-23-14 16:00	Apr-23-14 16:00	Apr-23-14 16:00	Apr-23-14 16:00	Apr-23-14 16:00	
	Analyzed:	Apr-23-14 19:51	Apr-23-14 21:00	Apr-23-14 21:22	Apr-23-14 21:45	Apr-23-14 22:07	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
		ND 29.7	ND 30.0	ND 32.3	ND 29.4	ND 30.8	
C6-C12 Gasoline Range Hydrocarbons		51.0 29.7	146 30.0	111 32.3	133 29.4	316 30.8	
C12-C28 Diesel Range Hydrocarbons		ND 29.7	ND 30.0	ND 32.3	ND 29.4	ND 30.8	
C28-C35 Oil Range Hydrocarbons		51.0 29.7	146 30.0	111 32.3	133 29.4	316 30.8	
Total TPH 1005							

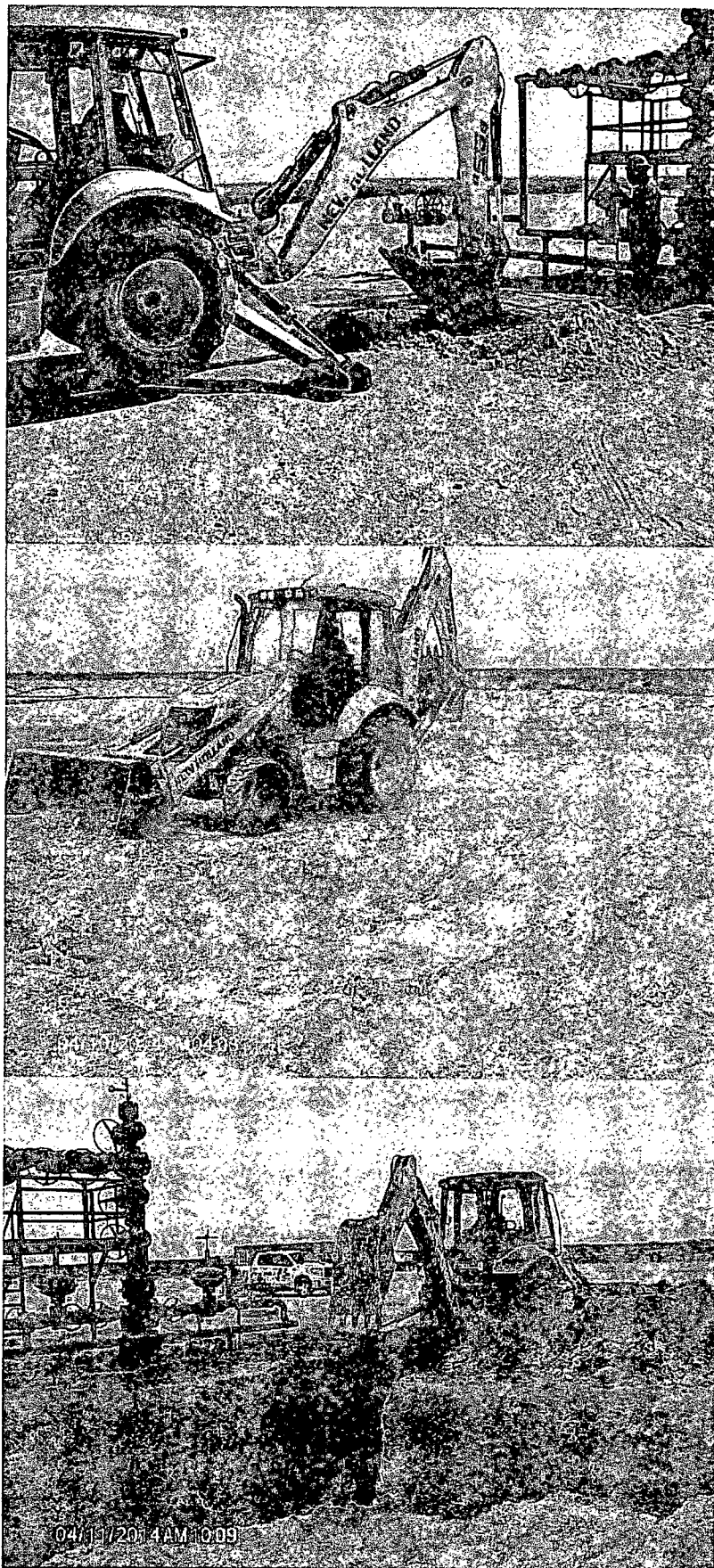
This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty in the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Kelsey Brooks
Project Manager







Well Selection Criteria Quick Print

tbiWellMaster.api_wellno Like '30015412350000'

API Well #	Well Name and No.		Operator Name	Typ	Stat	County	Surf	UL	Sec	Twp	Rng	Ft N/S	Ft E/W	UICPrmt	Lst Insp Dt
30-015-41235-00-00	GOLDEN SPUR WC 25	002H	CONOCOPHILLIPS COMPANY	O	A	Eddy	F	P	25	26 S	31 E	535 S	965 E		