



September 8, 2023

To whom it may concern:

Earlier this year Bastrop Energy Group was finalizing plans for the drilling of an exploratory well on the south edge of the Cooksey oil field in northern Wilson County, Texas. The prospect was based upon being able to locate a meander belt sand channel at a depth of 2100 feet as it traversed across a 300 acre tract of land. The amount of subsurface data points from previously drilled wells was few and this led to uncertainty about the exact position of the channel with several possible drill locations being considered.

At this point Copeland Resources was brought in to run its Hydrocarbon Survey in hopes of being able to detect the channel location. Mr. Dave Copeland ran the survey and determined that the channel could be imaged by the data and a drill location was chosen. The G.B. Dylla #2 well was drilled in April of 2023 at a location based upon the Copeland Resources survey, and this well found 12 feet of channel sand, suggesting the well was drilled in the channel center. Completion attempts on this well are still ongoing.

Whether the G.B. Dylla #2 well is able to successfully establish commercial oil production is still uncertain, but the efforts of Copeland Resources was most helpful in the determination of the target sand channel location.

Hydrocarbon Surveys
FINDS CHANNEL SAND WELL!!
HydrocarbonSurveys.com

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**NEW CHANNEL SAND
OIL WELL DISCOVERED**

in South Texas using
Patented **HYDROCARBON SURVEYS**
oil and gas remote sensing technology.

SIDEWALL CORE REPORT

SAMPLE REC	DEPTH	PERM K _{air}	POROSITY (FLUIDS)	SATURATION		PROB PROD	GAS SAT (BV) %	GAS DET	LITHOLOGICAL DESCRIPTION
				(PORE VOLUME)					
in	ft	md	%	OIL %	WATER %				
	18.0		25.2	3.8	73.1	Gas	5.8	27	Sd vfg shy slty lmy spts gold flu
	1.3		19.7	3.6	72.3	Low Perm	4.7	6	Sd vfg vshy slty lmy stk gold flu
	5.0		19.6	0.7	59.0	Gas	7.9	15	Sd vfg vshy slty lmy stk gold flu
	0.9		16.0	2.1	67.3	Low Perm	4.9	4	Sd vfg vshy slty lmy no flu
	11.0		22.3	2.6	59.7	Gas	8.4	3	Sd vfg shy slty lmy no flu
	145.0		29.5	9.9	57.1	Oil	9.7	110	Sd vf-fg sshy slty lmy ev gold 42°API
	77.0		28.0	9.4	61.4	Oil	8.2	60	Sd vf-fg sshy slty slmy ev gold flu
	625.0		32.7	6.7	67.6	Oil*	8.4	32	Sd f-vfg slty slmy ev ft gold flu
	800.0		34.7	6.9	68.3	Oil*	8.6	56	Sd f-vfg slty ev gold flu
	655.0		32.6	6.2	64.5	Oil*	9.6	60	Sd f-vfg slty ev gold flu 42°API
	305.0		32.4	7.1	59.5	Oil*	10.8	92	Sd vf-fg sshy w/lams slty slmy stks gold flu
	1500.0		36.3	7.8	54.2	Oil*	13.8	68	Sd vf-fg clean ev ft gold flu
	295.0		30.6	9.8	69.9	Oil*	6.2	90	Sd vf-fg sshy slty slmy ev gold flu 43°API
									Misfire
	42.0		25.6	7.6	66.5	Oil*	6.6	80	Sd vf-fg sshy w/lams slty slmy stks gold flu
	220.0		31.1	7.4	69.1	Oil*	7.3	40	Sd vf-fg sshy slty slmy ev gold flu
	210.0		31.3	7.6	66.5	Oil*	8.1	46	Sd vf-fg sshy w/lams slty slmy stks ft gold flu 42°API

Oil* indicates a sample that may produce with a water cut.

This NEW OIL FIELD channel sand was discovered in South Texas using the Patented Hydrocarbon Surveys technology.

A 200 foot survey grid was used on GIS mapping systems with the vehicle(s) stopping at each grid point to take a reading. The data is then processed and maps are provided within a few days.

Hydrocarbon Surveys (HS) uses a passive receiver system housed in a temperature-controlled environment. Three microprocessors are used in the system with HS proprietary software programs.

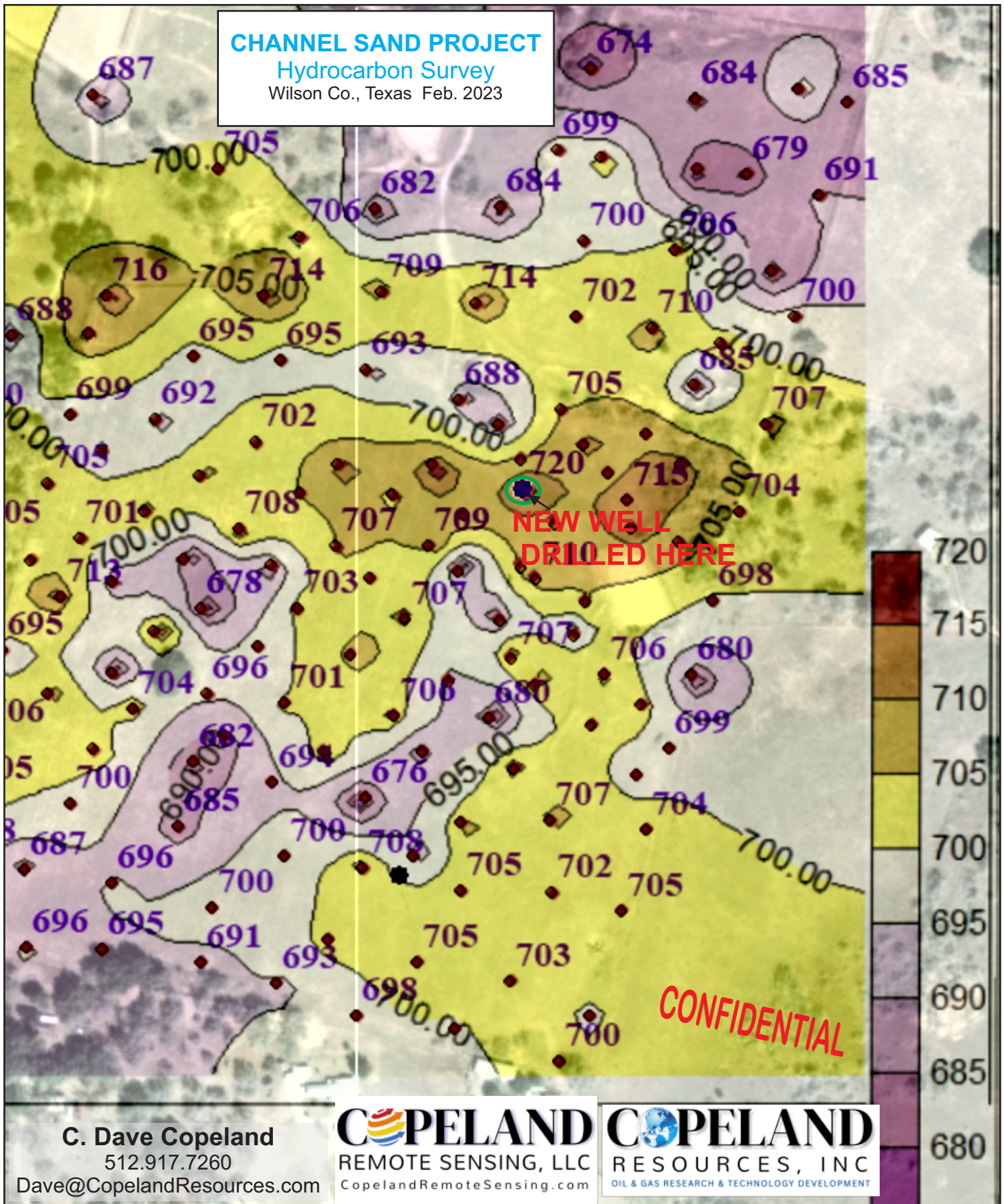
See attached sheets on data acquisition and typical output maps.

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CHANNEL SAND PROJECT

Hydrocarbon Survey

Wilson Co., Texas Feb. 2023



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OIL & GAS RESEARCH & TECHNOLOGY DEVELOPMENT

