

CSAU Orphan Well CH4 Averaging - Applied to the 2 Wells Outside Sample Set - CES

Prepared: 10.22.3023

Well Name	Well #	API #	County	Purchase Order	Gas Sample	CH4/PPM	Total LELs/PPM	CH4 Flow @ m3/day	Methane Emission @ g/hour	Post Plug CH4
CSAU	557Y	30-005-29051	Chaves	52100-72995	24-Feb	216,570	378,410	174.97	1,132	Not Plugged
CSAU	586	30-005-29025	Chaves	52100-72995	5-Mar	269,940	506,540	0.1488	1.20	0
CSAU	587	30-005-29024	Chaves	52100-72995	2-Mar	114,100	340,098	6.4268	21.91	0
CSAU	97	30-005-10567	Chaves	52100-72995		48,847		7.31	44.97	0
CSAU	518	30-005-27963	Chaves	52100-72995	25-Jan	6,470	43,590	0.0261	0.01	0
CSAU	517	30-005-27962	Chaves	52100-72995	25-Jan	37,770.00	136,100	4.1558	4.69	0
CSAU	531	30-005-27974	Chaves	52100-72995	24-Jan	133,420	294,320	0	0	0
CSAU	127	30-005-20071	Chaves	52100-72995	20-Jan	108,670	190,880	0.3232	1.05	0
CSAU	533	30-005-2798	Chaves	52100-72995	26-Jan	0.00	5,350	0.0048	0	0
CSAU	516	30-005-27973	Chaves	52100-72995	25-Jan	106,720	204,100	0.0155	0.05	0
CSAU	532	30-005-27964	Chaves	52100-72995	24-Jan	2,730	32,040	0	0	0
CSAU	98	30-005-10474	Chaves	52100-72995	18-Jan	0	5,850	0.0021	0	0
CSAU	119	30-005-20103	Chaves	52100-72995	21-Jan	0	5,960	0.0009	0	0
CSAU	560	30-005-28012	Chaves	52100-72995	4-Mar	2,350	15,450	0	0	0
CSAU	520	30-005-28012	Chaves	52100-72995	25-Jan	4,950	18,510	0.1892	0	0
CSAU	535	30-005-27983	Chaves	52100-72995	26-Jan	0	5,060	0.0554	0	0
CSAU	100	30-005-20007	Chaves	52100-72995	18-Jan	250	4,230	0.0009	0	0
CSAU	561	30-005-28029	Chaves	52100-72995	3-Mar	49,180	98,420	0.0635	0.09	0
CSAU	558	30-005-28010	Chaves	52100-72995	24-Feb	1,600	34,090	0.0018	0	0
CSAU	559	30-005-28011	Chaves	52100-72995	3-Mar	0	3,580	0	0	0
CSAU	574	30-005-28017	Chaves	52100-72998	2-Mar	0	7,930	0	0	0
CSAU	545	30-005-27984	Chaves	52100-72998	3-Mar	12,360	84,660	0.2143	0.08	0
CSAU	573	30-005-28016	Chaves	52100-72998	3-Mar	19,500	198,440	1.0351	0.6	0
CSAU	827	30-005-29030	Chaves	52100-72998		48,847		7.31	44.97	0
CSAU	544	30-005-27986	Chaves	52100-72998	24-Feb	9,770	45,250	0.0296	0.01	0
CSAU	822	30-005-29027	Chaves	52100-72998	26-Jan	42,190	65,930	0.0014	0.000	0
CSAU	588	30-005-29027	Chaves		2-Mar	122,760	348,300	2.2454	7.560	0
CSAU	534	30-005-27961	Chaves	52100-72998	25-Jan	8,730	157,700	0.1448	0	0
Total CSAU Wells		CSAU Well Sample Set	% of Total CSAU Wells			Total CH4 PPM 1,270,030	Total Explosive Gas PPM 3,230,788	Total Flow m3/day 190.0554	Total CH4 Emission g/hour 1,169.25	
28		26	92.85			Avg CH4 PPM 48,847.31		Average Flow m3/day 7.31	Total Avg CH4 Emission g/hour 44.97	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

DEFINITIONS

Action 278378

DEFINITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 278378
	Action Type: [UF-OMA] Pre-Plug Methane Monitoring (UF-OMA-MMA)

DEFINITIONS

The Orphan Well Mitigation Activity (OMA) forms are a subset of the OCD's forms exclusively designed for activities related to State of New Mexico's contracted plugging and reclamation activities. Specifically, these forms are used for orphan wells or associated facilities which are in a "Reclamation Fund Approved" status. This status represents wells or facilities where the OCD has acquired a hearing order allowing the OCD to perform plugging or reclamation on wells and associated facilities that no longer have a viable operator to perform the necessary work. These forms are not to be utilized for any other purpose.

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QUESTIONS

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Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 278378
	Action Type: [UF-OMA] Pre-Plug Methane Monitoring (UF-OMA-MMA)

QUESTIONS

Prerequisites	
[OGRID] Well Operator	[248802] CANO PETRO OF NEW MEXICO, INC.
[API] Well Name and Number	[30-005-29030] CATO SAN ANDRES UNIT #827
Well Status	Reclamation Fund Approved

Monitoring Event Information

Please answer all the questions in this group.

Reason For Filing	Pre-Plug Methane Monitoring
Date of monitoring	08/30/2023
Latitude	33.6360855
Longitude	-103.8520203

Monitoring Event Details

Please answer all the questions in this group.

Flow rate in cubic meters per day (m³/day)	7.31
Test duration in hours (hr)	16.0
Average flow temperature in degrees Celsius (°C)	25.0
Average gauge flow pressure in kilopascals (kPag)	5.0
Methane concentration in part per million (ppm)	48,847
Methane emission rate in grams per hour (g/hr)	44.97
Testing Method	Steady State

Monitoring Contractor

Please answer all the questions in this group.

Name of monitoring contractor	Well Done New Mexico LLC
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