

KERR-MCGEE OIL AND GAS ONSHORE LP

MOSER 21-10HZ

NE NW 21 3N 65W 443' FNL 1,710' FWL

WELD,COLORADO

06/07/2024

WINS No.:

Spud: 03/26/2023

Date TD Reached: 08/04/2023

STEP ID: 237413

AFE/WO#: C21-17861.03.01.1 API#: 0512352028

GL: 4845

KB: 4874

MTD: 22915

TVD: 7019

LOG MD:

PBMD: 22859

PBTVD: 7019

Directions: CR 39 & CR 32, E 1.5 MILES, S,SW 1/10 INTO.



HOLE SECTIONS	Size	Top	Btm	TD Date
26" Hole	26.00	29	109	03/02/2023
13.5" Hole	13.50	109	1924	03/27/2023
7.875" Hole	7.88	1924	22915	08/06/2023

TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Top D	Bottom D
SURFACE CASING	CASING JOINT(S)	47	9.63	36.00	L-80	8RD	29	1872
	FLOAT COLLAR	1	9.63	36.00	L-80	8RD	1872	1873
	CASING JOINT(S)	1	9.63	36.00	L-80	8RD	1873	1913
	CASING SHOE	1	9.63	36.00	L-80	8RD	1913	1914
PRODUCTION CASING	LANDING MANDRE	1	8.00	17.00	P110 ICY	W461	29	30
	PUP JOINT	1	5.50	17.00	P110 ICY	W461	30	33
	CASING JOINT(S)	145	5.50	17.00	P110 ICY	W461	33	6281
	MARKER JOINT	1	5.50	17.00	P110 ICY	W461	6281	6301
	CASING JOINT(S)	30	5.50	17.00	P110 ICY	W461	6301	7614
	MARKER JOINT	1	5.50	17.00	P110 ICY	W461	7614	7633
	CASING JOINT(S)	2	5.50	17.00	P110 ICY	W461	7633	7720
	AIR LOCK SUB	1	6.60	17.00	P110 ICY	W461	7720	7722
	CASING JOINT(S)	175	5.50	17.00	P110 ICY	W461	7722	15253
	MARKER JOINT	1	5.50	17.00	P110 ICY	W461	15253	15272
	CASING JOINT(S)	173	5.50	17.00	P110 ICY	W461	15272	22697
	CROSSOVER	1	5.50	17.00	P110 ICY	BTC	22697	22711
	TOE CIRCULATING	1	6.60	17.00	P110 ICY	BTC	22711	22715
	PUP JOINT	3	5.50	17.00	P110 ICY	BTC	22715	22768
	TOE CIRCULATING	1	6.60	17.00	P110 ICY	BTC	22768	22772
	PUP JOINT	3	5.50	17.00	P110 ICY	BTC	22772	22825
	TOE CIRCULATING	1	6.60	17.00	P110 ICY	BTC	22825	22829
	PUP JOINT	1	5.50	17.00	P110 ICY	BTC	22829	22858
	FLOAT COLLAR	2	6.07	17.00	HCP-110	BTC	22858	22860
	PUP JOINT	1	5.50	17.00	P110 ICY	BTC	22860	22902
	CASING SHOE	1	6.11	17.00	HCP-110	BTC	22902	22904

CEMENT JOBS	Stage	Sacks	Cement Jobs	Top D	Btm D	cbl	
--None--				0	0	No	
SURFACE CASING	Primary	0	FRESH WATER	FRESH WATER	29	29	No
	Primary	0	FRESH WATER	FRESH WATER	29	1873	No
	Primary	825	LEAD CEMENT	NEAT	29	1914	No
PRODUCTION CASING	Primary		MUDPUSH	Tuned Spacer 3	29	1250	Yes
	Primary		FRESH WATER	Fresh Water	29	22897	Yes
	Primary	837	LEAD CEMENT	PressureNET	1250	9208	Yes
	Primary	1541	TAIL CEMENT	Tail Slurry	9208	22915	Yes

PERFORATIONS	Formation	Zone	Top	Btm	Date	Reason	Comments
	NIOBRARA B		7501	7502	02/09/2024	PRODUCTION	Stage 47
	NIOBRARA B		7522	7523	02/09/2024	PRODUCTION	Stage 47
	NIOBRARA B		7542	7543	02/09/2024	PRODUCTION	Stage 47
	NIOBRARA B		7563	7564	02/09/2024	PRODUCTION	Stage 47
	NIOBRARA B		7583	7584	02/09/2024	PRODUCTION	Stage 47
	NIOBRARA B		7604	7605	02/09/2024	PRODUCTION	Stage 47
	NIOBRARA B		7624	7625	02/09/2024	PRODUCTION	Stage 47
	NIOBRARA B		7645	7646	02/09/2024	PRODUCTION	Stage 47

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NIOBRARA B	7665	7666	02/09/2024	PRODUCTION	Stage 47
NIOBRARA B	7682	7683	02/09/2024	PRODUCTION	Stage 47
NIOBRARA B	7706	7707	02/09/2024	PRODUCTION	Stage 46
NIOBRARA B	7725	7726	02/09/2024	PRODUCTION	Stage 46
NIOBRARA B	7747	7748	02/09/2024	PRODUCTION	Stage 46
NIOBRARA B	7768	7769	02/09/2024	PRODUCTION	Stage 46
NIOBRARA B	7788	7789	02/09/2024	PRODUCTION	Stage 46
NIOBRARA B	7809	7810	02/09/2024	PRODUCTION	Stage 46
NIOBRARA B	7829	7830	02/09/2024	PRODUCTION	Stage 46
NIOBRARA B	7850	7851	02/09/2024	PRODUCTION	Stage 46
NIOBRARA B	7870	7871	02/09/2024	PRODUCTION	Stage 46
NIOBRARA B	7891	7892	02/09/2024	PRODUCTION	Stage 46
NIOBRARA B	8351	8352	02/09/2024	PRODUCTION	Stage 44
NIOBRARA B	8384	8385	02/09/2024	PRODUCTION	Stage 44
NIOBRARA B	8417	8418	02/09/2024	PRODUCTION	Stage 44
NIOBRARA B	8449	8450	02/09/2024	PRODUCTION	Stage 44
NIOBRARA B	8482	8483	02/09/2024	PRODUCTION	Stage 44
NIOBRARA B	8515	8516	02/09/2024	PRODUCTION	Stage 44
NIOBRARA B	8548	8549	02/09/2024	PRODUCTION	Stage 44
NIOBRARA B	8581	8582	02/09/2024	PRODUCTION	Stage 44
NIOBRARA B	8613	8614	02/09/2024	PRODUCTION	Stage 44
NIOBRARA B	8646	8647	02/09/2024	PRODUCTION	Stage 44
NIOBRARA B	8674	8675	02/09/2024	PRODUCTION	Stage 43
NIOBRARA B	8712	8713	02/09/2024	PRODUCTION	Stage 43
NIOBRARA B	8745	8746	02/09/2024	PRODUCTION	Stage 43
NIOBRARA B	8777	8778	02/09/2024	PRODUCTION	Stage 43
NIOBRARA B	8810	8811	02/09/2024	PRODUCTION	Stage 43
NIOBRARA B	8843	8844	02/09/2024	PRODUCTION	Stage 43
NIOBRARA B	8876	8877	02/09/2024	PRODUCTION	Stage 43
NIOBRARA B	8909	8910	02/09/2024	PRODUCTION	Stage 43
NIOBRARA B	8941	8942	02/09/2024	PRODUCTION	Stage 43
NIOBRARA B	8974	8975	02/09/2024	PRODUCTION	Stage 43
NIOBRARA B	9007	9008	02/08/2024	PRODUCTION	Stage 42
NIOBRARA B	9040	9041	02/08/2024	PRODUCTION	Stage 42
NIOBRARA B	9072	9073	02/08/2024	PRODUCTION	Stage 42
NIOBRARA B	9105	9106	02/08/2024	PRODUCTION	Stage 42
NIOBRARA B	9138	9139	02/08/2024	PRODUCTION	Stage 42
NIOBRARA B	9171	9172	02/08/2024	PRODUCTION	Stage 42
NIOBRARA B	9204	9205	02/08/2024	PRODUCTION	Stage 42
NIOBRARA B	9236	9237	02/08/2024	PRODUCTION	Stage 42
NIOBRARA B	9269	9270	02/08/2024	PRODUCTION	Stage 42
NIOBRARA B	9302	9303	02/08/2024	PRODUCTION	Stage 42
NIOBRARA B	9335	9336	02/08/2024	PRODUCTION	Stage 41
NIOBRARA B	9365	9366	02/08/2024	PRODUCTION	Stage 41
NIOBRARA B	9400	9401	02/08/2024	PRODUCTION	Stage 41
NIOBRARA B	9433	9434	02/08/2024	PRODUCTION	Stage 41
NIOBRARA B	9466	9467	02/08/2024	PRODUCTION	Stage 41
NIOBRARA B	9499	9500	02/08/2024	PRODUCTION	Stage 41
NIOBRARA B	9532	9533	02/08/2024	PRODUCTION	Stage 41
NIOBRARA B	9564	9565	02/08/2024	PRODUCTION	Stage 41
NIOBRARA B	9597	9598	02/08/2024	PRODUCTION	Stage 41
NIOBRARA B	9630	9631	02/08/2024	PRODUCTION	Stage 41
NIOBRARA B	9663	9664	02/08/2024	PRODUCTION	Stage 40
NIOBRARA B	9696	9697	02/08/2024	PRODUCTION	Stage 40

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CR 39 & CR 32, E 1.5 MILES, S,SW 1/10 INTO.

NIOBRARA B	9728	9729	02/08/2024	PRODUCTION	Stage 40
NIOBRARA B	9763	9764	02/08/2024	PRODUCTION	Stage 40
NIOBRARA B	9794	9795	02/08/2024	PRODUCTION	Stage 40
NIOBRARA B	9827	9828	02/08/2024	PRODUCTION	Stage 40
NIOBRARA B	9860	9861	02/08/2024	PRODUCTION	Stage 40
NIOBRARA B	9892	9893	02/08/2024	PRODUCTION	Stage 40
NIOBRARA B	9925	9926	02/08/2024	PRODUCTION	Stage 40
NIOBRARA B	9958	9959	02/08/2024	PRODUCTION	Stage 40
NIOBRARA B	9991	9992	02/07/2024	PRODUCTION	Stage 39
NIOBRARA B	10024	10025	02/07/2024	PRODUCTION	Stage 39
NIOBRARA B	10055	10056	02/07/2024	PRODUCTION	Stage 39
NIOBRARA B	10089	10090	02/07/2024	PRODUCTION	Stage 39
NIOBRARA B	10122	10123	02/07/2024	PRODUCTION	Stage 39
NIOBRARA B	10155	10156	02/07/2024	PRODUCTION	Stage 39
NIOBRARA B	10187	10188	02/07/2024	PRODUCTION	Stage 39
NIOBRARA B	10220	10221	02/07/2024	PRODUCTION	Stage 39
NIOBRARA B	10253	10254	02/07/2024	PRODUCTION	Stage 39
NIOBRARA B	10286	10287	02/07/2024	PRODUCTION	Stage 39
NIOBRARA B	10322	10323	02/07/2024	PRODUCTION	Stage 38
NIOBRARA B	10351	10352	02/07/2024	PRODUCTION	Stage 38
NIOBRARA B	10384	10385	02/07/2024	PRODUCTION	Stage 38
NIOBRARA B	10417	10418	02/07/2024	PRODUCTION	Stage 38
NIOBRARA B	10452	10453	02/07/2024	PRODUCTION	Stage 38
NIOBRARA B	10483	10484	02/07/2024	PRODUCTION	Stage 38
NIOBRARA B	10515	10516	02/07/2024	PRODUCTION	Stage 38
NIOBRARA B	10548	10549	02/07/2024	PRODUCTION	Stage 38
NIOBRARA B	10581	10582	02/07/2024	PRODUCTION	Stage 38
NIOBRARA B	10614	10615	02/07/2024	PRODUCTION	Stage 38
NIOBRARA B	10647	10648	02/07/2024	PRODUCTION	Stage 37
NIOBRARA B	10679	10680	02/07/2024	PRODUCTION	Stage 37
NIOBRARA B	10715	10716	02/07/2024	PRODUCTION	Stage 37
NIOBRARA B	10745	10746	02/07/2024	PRODUCTION	Stage 37
NIOBRARA B	10778	10779	02/07/2024	PRODUCTION	Stage 37
NIOBRARA B	10811	10812	02/07/2024	PRODUCTION	Stage 37
NIOBRARA B	10843	10844	02/07/2024	PRODUCTION	Stage 37
NIOBRARA B	10875	10876	02/07/2024	PRODUCTION	Stage 37
NIOBRARA B	10909	10910	02/07/2024	PRODUCTION	Stage 37
NIOBRARA B	10942	10943	02/07/2024	PRODUCTION	Stage 37
NIOBRARA B	10975	10976	02/06/2024	PRODUCTION	Stage 36
NIOBRARA B	11007	11008	02/06/2024	PRODUCTION	Stage 36
NIOBRARA B	11040	11041	02/06/2024	PRODUCTION	Stage 36
NIOBRARA B	11073	11074	02/06/2024	PRODUCTION	Stage 36
NIOBRARA B	11106	11107	02/06/2024	PRODUCTION	Stage 36
NIOBRARA B	11139	11140	02/06/2024	PRODUCTION	Stage 36
NIOBRARA B	11171	11172	02/06/2024	PRODUCTION	Stage 36
NIOBRARA B	11204	11205	02/06/2024	PRODUCTION	Stage 36
NIOBRARA B	11237	11238	02/06/2024	PRODUCTION	Stage 36
NIOBRARA B	11270	11271	02/06/2024	PRODUCTION	Stage 36
NIOBRARA B	11302	11303	02/06/2024	PRODUCTION	Stage 35
NIOBRARA B	11335	11336	02/06/2024	PRODUCTION	Stage 35
NIOBRARA B	11368	11369	02/06/2024	PRODUCTION	Stage 35
NIOBRARA B	11401	11402	02/06/2024	PRODUCTION	Stage 35
NIOBRARA B	11434	11435	02/06/2024	PRODUCTION	Stage 35
NIOBRARA B	11466	11467	02/06/2024	PRODUCTION	Stage 35

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NIOBRARA B	11499	11500	02/06/2024	PRODUCTION	Stage 35
NIOBRARA B	11532	11533	02/06/2024	PRODUCTION	Stage 35
NIOBRARA B	11567	11568	02/06/2024	PRODUCTION	Stage 35
NIOBRARA B	11598	11599	02/06/2024	PRODUCTION	Stage 35
NIOBRARA B	11630	11631	02/06/2024	PRODUCTION	Stage 34
NIOBRARA B	11663	11664	02/06/2024	PRODUCTION	Stage 34
NIOBRARA B	11696	11697	02/06/2024	PRODUCTION	Stage 34
NIOBRARA B	11729	11730	02/06/2024	PRODUCTION	Stage 34
NIOBRARA B	11762	11763	02/06/2024	PRODUCTION	Stage 34
NIOBRARA B	11794	11795	02/06/2024	PRODUCTION	Stage 34
NIOBRARA B	11827	11828	02/06/2024	PRODUCTION	Stage 34
NIOBRARA B	11860	11861	02/06/2024	PRODUCTION	Stage 34
NIOBRARA B	11893	11894	02/06/2024	PRODUCTION	Stage 34
NIOBRARA B	11926	11927	02/06/2024	PRODUCTION	Stage 34
NIOBRARA B	11958	11959	02/05/2024	PRODUCTION	Stage 33
NIOBRARA B	11995	11996	02/05/2024	PRODUCTION	Stage 33
NIOBRARA B	12024	12025	02/05/2024	PRODUCTION	Stage 33
NIOBRARA B	12057	12058	02/05/2024	PRODUCTION	Stage 33
NIOBRARA B	12090	12091	02/05/2024	PRODUCTION	Stage 33
NIOBRARA B	12125	12126	02/05/2024	PRODUCTION	Stage 33
NIOBRARA B	12155	12156	02/05/2024	PRODUCTION	Stage 33
NIOBRARA B	12188	12189	02/05/2024	PRODUCTION	Stage 33
NIOBRARA B	12221	12222	02/05/2024	PRODUCTION	Stage 33
NIOBRARA B	12254	12255	02/05/2024	PRODUCTION	Stage 33
NIOBRARA B	12286	12287	02/05/2024	PRODUCTION	Stage 32
NIOBRARA B	12319	12320	02/05/2024	PRODUCTION	Stage 32
NIOBRARA B	12352	12353	02/05/2024	PRODUCTION	Stage 32
NIOBRARA B	12385	12386	02/05/2024	PRODUCTION	Stage 32
NIOBRARA B	12418	12419	02/05/2024	PRODUCTION	Stage 32
NIOBRARA B	12450	12451	02/05/2024	PRODUCTION	Stage 32
NIOBRARA B	12483	12484	02/05/2024	PRODUCTION	Stage 32
NIOBRARA B	12516	12517	02/05/2024	PRODUCTION	Stage 32
NIOBRARA B	12549	12550	02/05/2024	PRODUCTION	Stage 32
NIOBRARA B	12581	12582	02/05/2024	PRODUCTION	Stage 32
NIOBRARA A	12614	12615	02/05/2024	PRODUCTION	Stage 31
NIOBRARA A	12647	12648	02/05/2024	PRODUCTION	Stage 31
NIOBRARA A	12680	12681	02/05/2024	PRODUCTION	Stage 31
NIOBRARA A	12713	12714	02/05/2024	PRODUCTION	Stage 31
NIOBRARA A	12745	12746	02/05/2024	PRODUCTION	Stage 31
NIOBRARA A	12778	12779	02/05/2024	PRODUCTION	Stage 31
NIOBRARA A	12811	12812	02/05/2024	PRODUCTION	Stage 31
NIOBRARA A	12844	12845	02/05/2024	PRODUCTION	Stage 31
NIOBRARA A	12877	12878	02/05/2024	PRODUCTION	Stage 31
NIOBRARA A	12909	12910	02/05/2024	PRODUCTION	Stage 31
NIOBRARA B	12942	12943	02/05/2024	PRODUCTION	Stage 30
NIOBRARA B	12975	12976	02/05/2024	PRODUCTION	Stage 30
NIOBRARA B	13008	13009	02/05/2024	PRODUCTION	Stage 30
NIOBRARA B	13041	13042	02/05/2024	PRODUCTION	Stage 30
NIOBRARA B	13073	13074	02/05/2024	PRODUCTION	Stage 30
NIOBRARA B	13106	13107	02/05/2024	PRODUCTION	Stage 30
NIOBRARA B	13139	13140	02/05/2024	PRODUCTION	Stage 30
NIOBRARA B	13172	13173	02/05/2024	PRODUCTION	Stage 30
NIOBRARA B	13205	13206	02/05/2024	PRODUCTION	Stage 30
NIOBRARA B	13237	13238	02/05/2024	PRODUCTION	Stage 30

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NIOBRARA B	13270	13271	02/04/2024	PRODUCTION	Stage 29
NIOBRARA B	13303	13304	02/04/2024	PRODUCTION	Stage 29
NIOBRARA B	13336	13337	02/04/2024	PRODUCTION	Stage 29
NIOBRARA B	13369	13370	02/04/2024	PRODUCTION	Stage 29
NIOBRARA B	13401	13402	02/04/2024	PRODUCTION	Stage 29
NIOBRARA B	13434	13435	02/04/2024	PRODUCTION	Stage 29
NIOBRARA B	13467	13468	02/04/2024	PRODUCTION	Stage 29
NIOBRARA B	13500	13501	02/04/2024	PRODUCTION	Stage 29
NIOBRARA B	13533	13534	02/04/2024	PRODUCTION	Stage 29
NIOBRARA B	13565	13566	02/04/2024	PRODUCTION	Stage 29
NIOBRARA B	13598	13599	02/04/2024	PRODUCTION	Stage 28
NIOBRARA B	13631	13632	02/04/2024	PRODUCTION	Stage 28
NIOBRARA B	13664	13665	02/04/2024	PRODUCTION	Stage 28
NIOBRARA B	13696	13697	02/04/2024	PRODUCTION	Stage 28
NIOBRARA B	13729	13730	02/04/2024	PRODUCTION	Stage 28
NIOBRARA B	13762	13763	02/04/2024	PRODUCTION	Stage 28
NIOBRARA B	13795	13796	02/04/2024	PRODUCTION	Stage 28
NIOBRARA B	13828	13829	02/04/2024	PRODUCTION	Stage 28
NIOBRARA B	13860	13861	02/04/2024	PRODUCTION	Stage 28
NIOBRARA B	13893	13894	02/04/2024	PRODUCTION	Stage 28
NIOBRARA B	13925	13926	02/03/2024	PRODUCTION	Stage 27
NIOBRARA B	13959	13960	02/03/2024	PRODUCTION	Stage 27
NIOBRARA B	13992	13993	02/03/2024	PRODUCTION	Stage 27
NIOBRARA B	14024	14025	02/03/2024	PRODUCTION	Stage 27
NIOBRARA B	14055	14056	02/03/2024	PRODUCTION	Stage 27
NIOBRARA B	14090	14091	02/03/2024	PRODUCTION	Stage 27
NIOBRARA B	14123	14124	02/03/2024	PRODUCTION	Stage 27
NIOBRARA B	14156	14157	02/03/2024	PRODUCTION	Stage 27
NIOBRARA B	14186	14187	02/03/2024	PRODUCTION	Stage 27
NIOBRARA B	14221	14222	02/03/2024	PRODUCTION	Stage 27
NIOBRARA B	14254	14255	02/03/2024	PRODUCTION	Stage 26
NIOBRARA B	14287	14288	02/03/2024	PRODUCTION	Stage 26
NIOBRARA B	14320	14321	02/03/2024	PRODUCTION	Stage 26
NIOBRARA B	14352	14353	02/03/2024	PRODUCTION	Stage 26
NIOBRARA B	14385	14386	02/03/2024	PRODUCTION	Stage 26
NIOBRARA B	14418	14419	02/03/2024	PRODUCTION	Stage 26
NIOBRARA B	14451	14452	02/03/2024	PRODUCTION	Stage 26
NIOBRARA B	14484	14485	02/03/2024	PRODUCTION	Stage 26
NIOBRARA B	14516	14517	02/03/2024	PRODUCTION	Stage 26
NIOBRARA B	14549	14550	02/03/2024	PRODUCTION	Stage 26
NIOBRARA B	14582	14583	02/02/2024	PRODUCTION	Stage 25
NIOBRARA B	14614	14615	02/02/2024	PRODUCTION	Stage 25
NIOBRARA B	14648	14649	02/02/2024	PRODUCTION	Stage 25
NIOBRARA B	14680	14681	02/02/2024	PRODUCTION	Stage 25
NIOBRARA B	14713	14714	02/02/2024	PRODUCTION	Stage 25
NIOBRARA B	14746	14747	02/02/2024	PRODUCTION	Stage 25
NIOBRARA B	14779	14780	02/02/2024	PRODUCTION	Stage 25
NIOBRARA B	14812	14813	02/02/2024	PRODUCTION	Stage 25
NIOBRARA B	14844	14845	02/02/2024	PRODUCTION	Stage 25
NIOBRARA B	14877	14878	02/02/2024	PRODUCTION	Stage 25
NIOBRARA B	14910	14911	02/02/2024	PRODUCTION	Stage 24
NIOBRARA B	14943	14944	02/02/2024	PRODUCTION	Stage 24
NIOBRARA B	14975	14976	02/02/2024	PRODUCTION	Stage 24
NIOBRARA B	15002	15003	02/02/2024	PRODUCTION	Stage 24

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CR 39 & CR 32, E 1.5 MILES, S,SW 1/10 INTO.

NIOBRARA B	15041	15042	02/02/2024	PRODUCTION	Stage 24
NIOBRARA B	15074	15075	02/02/2024	PRODUCTION	Stage 24
NIOBRARA B	15107	15108	02/02/2024	PRODUCTION	Stage 24
NIOBRARA B	15139	15140	02/02/2024	PRODUCTION	Stage 24
NIOBRARA B	15172	15173	02/02/2024	PRODUCTION	Stage 24
NIOBRARA B	15205	15206	02/02/2024	PRODUCTION	Stage 24
NIOBRARA B	15238	15239	02/02/2024	PRODUCTION	Stage 23
NIOBRARA B	15271	15272	02/02/2024	PRODUCTION	Stage 23
NIOBRARA B	15303	15304	02/02/2024	PRODUCTION	Stage 23
NIOBRARA B	15336	15337	02/02/2024	PRODUCTION	Stage 23
NIOBRARA B	15371	15372	02/02/2024	PRODUCTION	Stage 23
NIOBRARA B	15402	15403	02/02/2024	PRODUCTION	Stage 23
NIOBRARA B	15435	15436	02/02/2024	PRODUCTION	Stage 23
NIOBRARA B	15467	15468	02/02/2024	PRODUCTION	Stage 23
NIOBRARA B	15500	15501	02/02/2024	PRODUCTION	Stage 23
NIOBRARA B	15533	15534	02/02/2024	PRODUCTION	Stage 23
NIOBRARA B	15566	15567	02/01/2024	PRODUCTION	Stage 22
NIOBRARA B	15599	15600	02/01/2024	PRODUCTION	Stage 22
NIOBRARA B	15631	15632	02/01/2024	PRODUCTION	Stage 22
NIOBRARA B	15664	15665	02/01/2024	PRODUCTION	Stage 22
NIOBRARA B	15697	15698	02/01/2024	PRODUCTION	Stage 22
NIOBRARA B	15730	15731	02/01/2024	PRODUCTION	Stage 22
NIOBRARA B	15763	15764	02/01/2024	PRODUCTION	Stage 22
NIOBRARA B	15795	15796	02/01/2024	PRODUCTION	Stage 22
NIOBRARA B	15828	15829	02/01/2024	PRODUCTION	Stage 22
NIOBRARA B	15861	15862	02/01/2024	PRODUCTION	Stage 22
NIOBRARA B	15894	15895	02/01/2024	PRODUCTION	Stage 21
NIOBRARA B	15927	15928	02/01/2024	PRODUCTION	Stage 21
NIOBRARA B	15959	15960	02/01/2024	PRODUCTION	Stage 21
NIOBRARA B	15992	15993	02/01/2024	PRODUCTION	Stage 21
NIOBRARA B	16025	16026	02/01/2024	PRODUCTION	Stage 21
NIOBRARA B	16055	16056	02/01/2024	PRODUCTION	Stage 21
NIOBRARA B	16090	16091	02/01/2024	PRODUCTION	Stage 21
NIOBRARA B	16123	16124	02/01/2024	PRODUCTION	Stage 21
NIOBRARA B	16156	16157	02/01/2024	PRODUCTION	Stage 21
NIOBRARA B	16189	16190	02/01/2024	PRODUCTION	Stage 21
NIOBRARA B	16222	16223	01/31/2024	PRODUCTION	Stage 20
NIOBRARA B	16254	16255	01/31/2024	PRODUCTION	Stage 20
NIOBRARA B	16287	16288	01/31/2024	PRODUCTION	Stage 20
NIOBRARA B	16320	16321	01/31/2024	PRODUCTION	Stage 20
NIOBRARA B	16351	16352	01/31/2024	PRODUCTION	Stage 20
NIOBRARA B	16386	16387	01/31/2024	PRODUCTION	Stage 20
NIOBRARA B	16418	16419	01/31/2024	PRODUCTION	Stage 20
NIOBRARA B	16451	16452	01/31/2024	PRODUCTION	Stage 20
NIOBRARA B	16488	16489	01/31/2024	PRODUCTION	Stage 20
NIOBRARA B	16517	16518	01/31/2024	PRODUCTION	Stage 20
NIOBRARA B	16550	16551	01/31/2024	PRODUCTION	Stage 19
NIOBRARA B	16582	16583	01/31/2024	PRODUCTION	Stage 19
NIOBRARA B	16615	16616	01/31/2024	PRODUCTION	Stage 19
NIOBRARA B	16648	16649	01/31/2024	PRODUCTION	Stage 19
NIOBRARA B	16681	16682	01/31/2024	PRODUCTION	Stage 19
NIOBRARA B	16714	16715	01/31/2024	PRODUCTION	Stage 19
NIOBRARA B	16746	16747	01/31/2024	PRODUCTION	Stage 19
NIOBRARA B	16779	16780	01/31/2024	PRODUCTION	Stage 19

KERR-MCGEE OIL AND GAS ONSHORE LP

MOSER 21-10HZ

NE NW 21 3N 65W 443' FNL 1,710' FWL

WELD,COLORADO

06/07/2024

WINS No.:

Spud: 03/26/2023

Date TD Reached: 08/04/2023

STEP ID: 237413

AFE/WO#: C21-17861.03.01.1 API#: 0512352028

GL: 4845KB: 4874MTD: 22915TVD: 7019LOG MD:PBMD: 22859PBTVD: 7019Directions:

CR 39 & CR 32, E 1.5 MILES, S,SW 1/10 INTO.

NIOBRARA B	16812	16813	01/31/2024	PRODUCTION	Stage 19
NIOBRARA B	16845	16846	01/31/2024	PRODUCTION	Stage 19
NIOBRARA B	16878	16879	01/31/2024	PRODUCTION	Stage 18
NIOBRARA B	16910	16911	01/31/2024	PRODUCTION	Stage 18
NIOBRARA B	16943	16944	01/31/2024	PRODUCTION	Stage 18
NIOBRARA B	16976	16977	01/31/2024	PRODUCTION	Stage 18
NIOBRARA B	17009	17010	01/31/2024	PRODUCTION	Stage 18
NIOBRARA B	17042	17043	01/31/2024	PRODUCTION	Stage 18
NIOBRARA B	17074	17075	01/31/2024	PRODUCTION	Stage 18
NIOBRARA B	17107	17108	01/31/2024	PRODUCTION	Stage 18
NIOBRARA B	17140	17141	01/31/2024	PRODUCTION	Stage 18
NIOBRARA B	17173	17174	01/31/2024	PRODUCTION	Stage 18
NIOBRARA B	17205	17206	01/30/2024	PRODUCTION	Stage 17
NIOBRARA B	17238	17239	01/30/2024	PRODUCTION	Stage 17
NIOBRARA B	17271	17272	01/30/2024	PRODUCTION	Stage 17
NIOBRARA B	17307	17308	01/30/2024	PRODUCTION	Stage 17
NIOBRARA B	17337	17338	01/30/2024	PRODUCTION	Stage 17
NIOBRARA B	17369	17370	01/30/2024	PRODUCTION	Stage 17
NIOBRARA B	17402	17403	01/30/2024	PRODUCTION	Stage 17
NIOBRARA B	17435	17436	01/30/2024	PRODUCTION	Stage 17
NIOBRARA B	17468	17469	01/30/2024	PRODUCTION	Stage 17
NIOBRARA B	17500	17501	01/30/2024	PRODUCTION	Stage 17
NIOBRARA B	17533	17534	01/30/2024	PRODUCTION	Stage 16
NIOBRARA B	17566	17567	01/30/2024	PRODUCTION	Stage 16
NIOBRARA B	17599	17600	01/30/2024	PRODUCTION	Stage 16
NIOBRARA B	17632	17633	01/30/2024	PRODUCTION	Stage 16
NIOBRARA B	17665	17666	01/30/2024	PRODUCTION	Stage 16
NIOBRARA B	17697	17698	01/30/2024	PRODUCTION	Stage 16
NIOBRARA B	17730	17731	01/30/2024	PRODUCTION	Stage 16
NIOBRARA B	17763	17764	01/30/2024	PRODUCTION	Stage 16
NIOBRARA B	17796	17797	01/30/2024	PRODUCTION	Stage 16
NIOBRARA B	17829	17830	01/30/2024	PRODUCTION	Stage 16
NIOBRARA B	17861	17862	01/30/2024	PRODUCTION	Stage 15
NIOBRARA B	17894	17895	01/30/2024	PRODUCTION	Stage 15
NIOBRARA B	17927	17928	01/30/2024	PRODUCTION	Stage 15
NIOBRARA B	17960	17961	01/30/2024	PRODUCTION	Stage 15
NIOBRARA B	17997	17998	01/30/2024	PRODUCTION	Stage 15
NIOBRARA B	18025	18026	01/30/2024	PRODUCTION	Stage 15
NIOBRARA B	18058	18059	01/30/2024	PRODUCTION	Stage 15
NIOBRARA B	18091	18092	01/30/2024	PRODUCTION	Stage 15
NIOBRARA B	18127	18128	01/30/2024	PRODUCTION	Stage 15
NIOBRARA B	18157	18158	01/30/2024	PRODUCTION	Stage 15
NIOBRARA B	18189	18190	01/29/2024	PRODUCTION	Stage 14
NIOBRARA B	18222	18223	01/29/2024	PRODUCTION	Stage 14
NIOBRARA B	18255	18256	01/29/2024	PRODUCTION	Stage 14
NIOBRARA B	18288	18289	01/29/2024	PRODUCTION	Stage 14
NIOBRARA B	18319	18320	01/29/2024	PRODUCTION	Stage 14
NIOBRARA B	18352	18353	01/29/2024	PRODUCTION	Stage 14
NIOBRARA B	18386	18387	01/29/2024	PRODUCTION	Stage 14
NIOBRARA B	18419	18420	01/29/2024	PRODUCTION	Stage 14
NIOBRARA B	18452	18453	01/29/2024	PRODUCTION	Stage 14
NIOBRARA B	18484	18485	01/29/2024	PRODUCTION	Stage 14
NIOBRARA B	18517	18518	01/29/2024	PRODUCTION	Stage 13
NIOBRARA B	18554	18555	01/29/2024	PRODUCTION	Stage 13

KERR-MCGEE OIL AND GAS ONSHORE LP

MOSER 21-10HZ

NE NW 21 3N 65W 443' FNL 1,710' FWL

WELD,COLORADO

06/07/2024

WINS No.:

Spud: 03/26/2023

Date TD Reached: 08/04/2023

STEP ID: 237413

AFE/WO#: C21-17861.03.01.1 API#: 0512352028

GL: 4845KB: 4874MTD: 22915TVD: 7019LOG MD:PBMD: 22859PBTVD: 7019Directions:

CR 39 & CR 32, E 1.5 MILES, S,SW 1/10 INTO.

NIOBRARA B	18583	18584	01/29/2024	PRODUCTION	Stage 13
NIOBRARA B	18616	18617	01/29/2024	PRODUCTION	Stage 13
NIOBRARA B	18648	18649	01/29/2024	PRODUCTION	Stage 13
NIOBRARA B	18684	18685	01/29/2024	PRODUCTION	Stage 13
NIOBRARA B	18714	18715	01/29/2024	PRODUCTION	Stage 13
NIOBRARA B	18747	18748	01/29/2024	PRODUCTION	Stage 13
NIOBRARA B	18780	18781	01/29/2024	PRODUCTION	Stage 13
NIOBRARA B	18814	18815	01/29/2024	PRODUCTION	Stage 13
NIOBRARA B	18845	18846	01/28/2024	PRODUCTION	Stage 12
NIOBRARA B	18878	18879	01/28/2024	PRODUCTION	Stage 12
NIOBRARA B	18911	18912	01/28/2024	PRODUCTION	Stage 12
NIOBRARA B	18944	18945	01/28/2024	PRODUCTION	Stage 12
NIOBRARA B	18976	18977	01/28/2024	PRODUCTION	Stage 12
NIOBRARA B	19009	19010	01/28/2024	PRODUCTION	Stage 12
NIOBRARA B	19042	19043	01/28/2024	PRODUCTION	Stage 12
NIOBRARA B	19075	19076	01/28/2024	PRODUCTION	Stage 12
NIOBRARA B	19106	19107	01/28/2024	PRODUCTION	Stage 12
NIOBRARA B	19140	19141	01/28/2024	PRODUCTION	Stage 12
NIOBRARA B	19173	19174	01/28/2024	PRODUCTION	Stage 11
NIOBRARA B	19206	19207	01/28/2024	PRODUCTION	Stage 11
NIOBRARA B	19235	19236	01/28/2024	PRODUCTION	Stage 11
NIOBRARA B	19272	19273	01/28/2024	PRODUCTION	Stage 11
NIOBRARA B	19304	19305	01/28/2024	PRODUCTION	Stage 11
NIOBRARA B	19337	19338	01/28/2024	PRODUCTION	Stage 11
NIOBRARA B	19370	19371	01/28/2024	PRODUCTION	Stage 11
NIOBRARA B	19403	19404	01/28/2024	PRODUCTION	Stage 11
NIOBRARA B	19436	19437	01/28/2024	PRODUCTION	Stage 11
NIOBRARA B	19468	19469	01/28/2024	PRODUCTION	Stage 11
NIOBRARA B	19501	19502	01/27/2024	PRODUCTION	Stage 10
NIOBRARA B	19533	19534	01/27/2024	PRODUCTION	Stage 10
NIOBRARA B	19567	19568	01/27/2024	PRODUCTION	Stage 10
NIOBRARA B	19599	19600	01/27/2024	PRODUCTION	Stage 10
NIOBRARA B	19632	19633	01/27/2024	PRODUCTION	Stage 10
NIOBRARA B	19663	19664	01/27/2024	PRODUCTION	Stage 10
NIOBRARA B	19698	19699	01/27/2024	PRODUCTION	Stage 10
NIOBRARA B	19731	19732	01/27/2024	PRODUCTION	Stage 10
NIOBRARA B	19763	19764	01/27/2024	PRODUCTION	Stage 10
NIOBRARA B	19798	19799	01/27/2024	PRODUCTION	Stage 10
NIOBRARA B	19829	19830	01/27/2024	PRODUCTION	Stage 9
NIOBRARA B	19862	19863	01/27/2024	PRODUCTION	Stage 9
NIOBRARA B	19895	19896	01/27/2024	PRODUCTION	Stage 9
NIOBRARA B	19929	19930	01/27/2024	PRODUCTION	Stage 9
NIOBRARA B	19960	19961	01/27/2024	PRODUCTION	Stage 9
NIOBRARA B	19993	19994	01/27/2024	PRODUCTION	Stage 9
NIOBRARA B	20026	20027	01/27/2024	PRODUCTION	Stage 9
NIOBRARA B	20059	20060	01/27/2024	PRODUCTION	Stage 9
NIOBRARA B	20091	20092	01/27/2024	PRODUCTION	Stage 9
NIOBRARA B	20124	20125	01/27/2024	PRODUCTION	Stage 9
NIOBRARA B	20157	20158	01/27/2024	PRODUCTION	Stage 8
NIOBRARA B	20190	20191	01/27/2024	PRODUCTION	Stage 8
NIOBRARA B	20223	20224	01/27/2024	PRODUCTION	Stage 8
NIOBRARA B	20255	20256	01/27/2024	PRODUCTION	Stage 8
NIOBRARA B	20288	20289	01/27/2024	PRODUCTION	Stage 8
NIOBRARA B	20321	20322	01/27/2024	PRODUCTION	Stage 8

KERR-MCGEE OIL AND GAS ONSHORE LP

MOSER 21-10HZ

NE NW 21 3N 65W 443' FNL 1,710' FWL

WELD,COLORADO

06/07/2024

WINS No.:

Spud: 03/26/2023

Date TD Reached: 08/04/2023

STEP ID: 237413

AFE/WO#: C21-17861.03.01.1 API#: 0512352028

GL: 4845KB: 4874MTD: 22915TVD: 7019LOG MD:PBMD: 22859PBTVD: 7019Directions:

CR 39 & CR 32, E 1.5 MILES, S,SW 1/10 INTO.

NIOBRARA B	20357	20358	01/27/2024	PRODUCTION	Stage 8
NIOBRARA B	20387	20388	01/27/2024	PRODUCTION	Stage 8
NIOBRARA B	20419	20420	01/27/2024	PRODUCTION	Stage 8
NIOBRARA B	20452	20453	01/27/2024	PRODUCTION	Stage 8
NIOBRARA B	20485	20486	01/26/2024	PRODUCTION	Stage 7
NIOBRARA B	20518	20519	01/26/2024	PRODUCTION	Stage 7
NIOBRARA B	20551	20552	01/26/2024	PRODUCTION	Stage 7
NIOBRARA B	20583	20584	01/26/2024	PRODUCTION	Stage 7
NIOBRARA B	20616	20617	01/26/2024	PRODUCTION	Stage 7
NIOBRARA B	20649	20650	01/26/2024	PRODUCTION	Stage 7
NIOBRARA B	20682	20683	01/26/2024	PRODUCTION	Stage 7
NIOBRARA B	20715	20716	01/26/2024	PRODUCTION	Stage 7
NIOBRARA B	20747	20748	01/26/2024	PRODUCTION	Stage 7
NIOBRARA B	20778	20779	01/26/2024	PRODUCTION	Stage 7
NIOBRARA B	20813	20814	01/26/2024	PRODUCTION	Stage 6
NIOBRARA B	20846	20847	01/26/2024	PRODUCTION	Stage 6
NIOBRARA B	20878	20879	01/26/2024	PRODUCTION	Stage 6
NIOBRARA B	20915	20916	01/26/2024	PRODUCTION	Stage 6
NIOBRARA B	20944	20945	01/26/2024	PRODUCTION	Stage 6
NIOBRARA B	20977	20978	01/26/2024	PRODUCTION	Stage 6
NIOBRARA B	21010	21011	01/26/2024	PRODUCTION	Stage 6
NIOBRARA B	21044	21045	01/26/2024	PRODUCTION	Stage 6
NIOBRARA B	21075	21076	01/26/2024	PRODUCTION	Stage 6
NIOBRARA B	21108	21109	01/26/2024	PRODUCTION	Stage 6
NIOBRARA B	21141	21142	01/25/2024	PRODUCTION	Stage 5
NIOBRARA B	21174	21175	01/25/2024	PRODUCTION	Stage 5
NIOBRARA B	21202	21203	01/25/2024	PRODUCTION	Stage 5
NIOBRARA B	21239	21240	01/25/2024	PRODUCTION	Stage 5
NIOBRARA B	21272	21273	01/25/2024	PRODUCTION	Stage 5
NIOBRARA B	21305	21306	01/25/2024	PRODUCTION	Stage 5
NIOBRARA B	21338	21339	01/25/2024	PRODUCTION	Stage 5
NIOBRARA B	21370	21371	01/25/2024	PRODUCTION	Stage 5
NIOBRARA B	21403	21404	01/25/2024	PRODUCTION	Stage 5
NIOBRARA B	21436	21437	01/25/2024	PRODUCTION	Stage 5
NIOBRARA B	21470	21471	01/25/2024	PRODUCTION	Stage 4
NIOBRARA B	21506	21507	01/25/2024	PRODUCTION	Stage 4
NIOBRARA B	21534	21535	01/25/2024	PRODUCTION	Stage 4
NIOBRARA B	21567	21568	01/25/2024	PRODUCTION	Stage 4
NIOBRARA B	21600	21601	01/25/2024	PRODUCTION	Stage 4
NIOBRARA B	21631	21632	01/25/2024	PRODUCTION	Stage 4
NIOBRARA B	21666	21667	01/25/2024	PRODUCTION	Stage 4
NIOBRARA B	21698	21699	01/25/2024	PRODUCTION	Stage 4
NIOBRARA B	21731	21732	01/25/2024	PRODUCTION	Stage 4
NIOBRARA B	21764	21765	01/25/2024	PRODUCTION	Stage 4
NIOBRARA B	21797	21798	01/24/2024	PRODUCTION	Stage 3
NIOBRARA B	21830	21831	01/24/2024	PRODUCTION	Stage 3
NIOBRARA B	21862	21863	01/24/2024	PRODUCTION	Stage 3
NIOBRARA B	21896	21897	01/24/2024	PRODUCTION	Stage 3
NIOBRARA B	21928	21929	01/24/2024	PRODUCTION	Stage 3
NIOBRARA B	21961	21962	01/24/2024	PRODUCTION	Stage 3
NIOBRARA B	21993	21994	01/24/2024	PRODUCTION	Stage 3
NIOBRARA B	22022	22023	01/24/2024	PRODUCTION	Stage 3
NIOBRARA B	22059	22060	01/24/2024	PRODUCTION	Stage 3
NIOBRARA B	22092	22093	01/24/2024	PRODUCTION	Stage 3

KERR-MCGEE OIL AND GAS ONSHORE LP

MOSER 21-10HZ

NE NW 21 3N 65W 443' FNL 1,710' FWL

WELD,COLORADO

06/07/2024

WINS No.:

Spud: 03/26/2023

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STEP ID: 237413

AFE/WO#: C21-17861.03.01.1 API#: 0512352028

GL: 4845KB: 4874MTD: 22915TVD: 7019LOG MD:PBMD: 22859PBTVD: 7019Directions:

CR 39 & CR 32, E 1.5 MILES, S,SW 1/10 INTO.

NIOBRARA B	22125	22126	01/24/2024	PRODUCTION	Stage 2
NIOBRARA B	22157	22158	01/24/2024	PRODUCTION	Stage 2
NIOBRARA B	22190	22191	01/24/2024	PRODUCTION	Stage 2
NIOBRARA B	22223	22224	01/24/2024	PRODUCTION	Stage 2
NIOBRARA B	22256	22257	01/24/2024	PRODUCTION	Stage 2
NIOBRARA B	22289	22290	01/24/2024	PRODUCTION	Stage 2
NIOBRARA B	22321	22322	01/24/2024	PRODUCTION	Stage 2
NIOBRARA B	22354	22355	01/24/2024	PRODUCTION	Stage 2
NIOBRARA B	22387	22388	01/24/2024	PRODUCTION	Stage 2
NIOBRARA B	22420	22421	01/24/2024	PRODUCTION	Stage 2
NIOBRARA B	22452	22453	11/17/2023	PRODUCTION	Stage 1
NIOBRARA B	22482	22483	11/17/2023	PRODUCTION	Stage 1
NIOBRARA B	22511	22512	11/17/2023	PRODUCTION	Stage 1
NIOBRARA B	22541	22542	11/17/2023	PRODUCTION	Stage 1
NIOBRARA B	22571	22572	11/17/2023	PRODUCTION	Stage 1
NIOBRARA B	22601	22602	11/17/2023	PRODUCTION	Stage 1
NIOBRARA B	22630	22631	11/17/2023	PRODUCTION	Stage 1
NIOBRARA B	22660	22661	11/17/2023	PRODUCTION	Stage 1

Comments: