

KERR-MCGEE OIL AND GAS ONSHORE LP

RAINBOW 9-2HZ

NE NW 9 5N 67W 2,278' FNL 2,081' FWL

WELD,COLORADO

02/13/2024

WINS No.:

Spud: 02/09/2023

Date TD Reached: 05/28/2023

STEP ID: 237393

AFE/WO#: C21-17915.02.10 API#: 0512351985

GL: 4950

KB: 4970

MTD: 15446

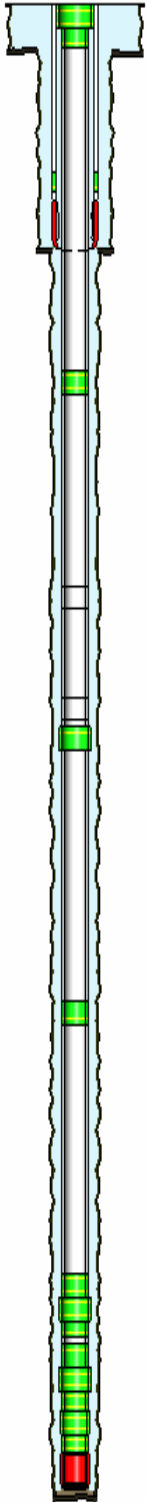
TVD: 6925

LOG MD:

PBMD: 15392

PBTVD: 6926

Directions: HWY 257 & HWY 34, W 9/10 TO 131ST AVE, N 5/10, W 2/10, S/W INTO.



HOLE SECTIONS	Size	Top	Btm	TD Date				
26" Hole	26.00	20	100	01/13/2023				
13.5" Hole	13.50	100	1908	02/10/2023				
7.875" Hole	7.88	1908	15446	05/29/2023				
TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Top D	Bottom D
SURFACE CASING								
	CASING JOINT(S)	49	9.63	36.00	L-80	8RD	20	1858
	FLOAT COLLAR	1	9.63	36.00	L-80	8RD	1858	1859
	CASING JOINT(S)	1	9.63	36.00	L-80	8RD	1859	1896
	CASING SHOE	1	9.63	36.00	L-80	8RD	1896	1898
PRODUCTION CASING								
	LANDING MANDRE	1	8.00	17.00	P110 ICY	LTC	20	22
	PUP JOINT	1	5.50	17.00	P110 ICY	LTC	22	26
	CASING JOINT(S)	87	5.50	17.00	P110 ICY	LTC	26	3658
	MARKER JOINT	1	5.50	17.00	P110 ICY	LTC	3658	3680
	CASING JOINT(S)	68	5.50	17.00	P110 ICY	LTC	3680	6523
	CROSSOVER	1	5.50	17.00	P110 ICY	TXP-BTC	6523	6545
	CASING JOINT(S)	31	5.50	17.00	P110 ICY	TXP-BTC	6545	7842
	CROSSOVER	1	5.50	17.00	P110 ICY	LTC	7842	7862
	CASING JOINT(S)	2	5.50	17.00	P110 ICY	LTC	7862	7944
	AIR LOCK SUB	1	6.60	17.00	P110 ICY	LTC	7944	7946
	CASING JOINT(S)	88	5.50	17.00	P110 ICY	LTC	7946	11633
	MARKER JOINT	1	5.50	17.00	P110 ICY	LTC	11633	11643
	CASING JOINT(S)	87	5.50	17.00	P110 ICY	LTC	11643	15297
	PUP JOINT	1	5.50	17.00	P110 ICY	LTC	15297	15302
	TOE CIRCULATING	1	6.75	17.00	P110 ICY	LTC	15302	15306
	PUP JOINT	1	5.50	17.00	P110 ICY	LTC	15306	15311
	CASING JOINT(S)	1	5.50	17.00	P110 ICY	LTC	15311	15353
	PUP JOINT	1	5.50	17.00	P110 ICY	LTC	15353	15358
	TOE CIRCULATING	1	6.75	17.00	P110 ICY	LTC	15358	15362
	PUP JOINT	1	5.50	17.00	P110 ICY	LTC	15362	15392
	FLOAT COLLAR	1	6.07	17.00	HCP-110	LTC	15392	15393
	PUP JOINT	1	5.50	17.00	P110 ICY	LTC	15393	15436
	CASING SHOE	1	6.11	17.00	HCP-110	LTC	15436	15438
TUBING STRING								
	TUBING HANGER	1	7.06	4.70	ANGER BOI		20	21
	TUBING JOINT(S)	221	2.38	4.70	L-80		21	7212
	TUBING PUP JOINT	1	2.38	4.70	N-80		7212	7216
	XN PROFILE NIPPL	1	2.38	4.70	P 110		7216	7217
	TUBING PUP JOINT	1	4.70	4.70	N-80		7217	7221
	CERAMIC DUAL DI:	1	3.06	4.70	P 110		7221	7222
	TUBING JOINT(S)	1	2.38	4.70	N-80		7222	7226
	CERAMIC DUAL DI:	1	3.06	4.70	P 110		7226	7227
	WL ENTRY GUIDE	1	3.06	4.70			7227	7227

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Directions:

HWY 257 & HWY 34, W 9/10 TO 131ST AVE, N 5/10, W 2/10, S/W INTO.

<u>CEMENT JOBS</u>	<u>Stage</u>	<u>Sacks</u>	<u>Cement Jobs</u>		<u>Top D</u>	<u>Btm D</u>	<u>cbf</u>
--None--					0	0	No
SURFACE CASING							
	Primary	0	FRESH WATER	FRESH WATER	20	1852	No
	Primary	908	LEAD CEMENT	NEAT	20	1908	No
	Primary	0	FRESH WATER	FRESH WATER	20	20	No
PRODUCTION CASING							
	Primary	0	FRESH WATER	Biocide Water	0	0	Yes
	Primary	0	MUDPUSH	MPE	20	1000	Yes
	Primary	834	LEAD CEMENT	CemFIT Heal	1000	9000	Yes
	Primary	703	TAIL CEMENT	Tail Slurry	9000	20063	Yes
PERFORATIONS							
<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>	
NIOBRARA A		7661	7662	10/05/2023	PRODUCTION	Stage 29	
NIOBRARA A		7687	7688	10/05/2023	PRODUCTION	Stage 29	
NIOBRARA A		7714	7715	10/05/2023	PRODUCTION	Stage 29	
NIOBRARA A		7741	7742	10/05/2023	PRODUCTION	Stage 29	
NIOBRARA A		7768	7769	10/05/2023	PRODUCTION	Stage 29	
NIOBRARA A		7795	7796	10/05/2023	PRODUCTION	Stage 29	
NIOBRARA A		7821	7822	10/05/2023	PRODUCTION	Stage 28	
NIOBRARA A		7848	7849	10/05/2023	PRODUCTION	Stage 28	
NIOBRARA A		7875	7876	10/05/2023	PRODUCTION	Stage 28	
NIOBRARA A		7898	7899	10/05/2023	PRODUCTION	Stage 28	
NIOBRARA A		7928	7929	10/05/2023	PRODUCTION	Stage 28	
NIOBRARA A		7955	7956	10/05/2023	PRODUCTION	Stage 28	
NIOBRARA A		7982	7983	10/05/2023	PRODUCTION	Stage 28	
NIOBRARA A		8009	8010	10/05/2023	PRODUCTION	Stage 28	
NIOBRARA A		8035	8036	10/05/2023	PRODUCTION	Stage 28	
NIOBRARA A		8062	8063	10/05/2023	PRODUCTION	Stage 28	
NIOBRARA A		8089	8090	10/04/2023	PRODUCTION	Stage 27	
NIOBRARA A		8118	8119	10/04/2023	PRODUCTION	Stage 27	
NIOBRARA A		8142	8143	10/04/2023	PRODUCTION	Stage 27	
NIOBRARA A		8169	8170	10/04/2023	PRODUCTION	Stage 27	
NIOBRARA A		8194	8195	10/04/2023	PRODUCTION	Stage 27	
NIOBRARA A		8223	8224	10/04/2023	PRODUCTION	Stage 27	
NIOBRARA A		8249	8250	10/04/2023	PRODUCTION	Stage 27	
NIOBRARA A		8276	8277	10/04/2023	PRODUCTION	Stage 27	
NIOBRARA A		8303	8304	10/04/2023	PRODUCTION	Stage 27	
NIOBRARA A		8330	8331	10/04/2023	PRODUCTION	Stage 27	
NIOBRARA A		8357	8358	10/04/2023	PRODUCTION	Stage 26	
NIOBRARA A		8383	8384	10/04/2023	PRODUCTION	Stage 26	
NIOBRARA A		8410	8411	10/04/2023	PRODUCTION	Stage 26	
NIOBRARA A		8437	8438	10/04/2023	PRODUCTION	Stage 26	
NIOBRARA A		8464	8465	10/04/2023	PRODUCTION	Stage 26	
NIOBRARA A		8486	8487	10/04/2023	PRODUCTION	Stage 26	
NIOBRARA A		8517	8518	10/04/2023	PRODUCTION	Stage 26	
NIOBRARA A		8544	8545	10/04/2023	PRODUCTION	Stage 26	
NIOBRARA A		8571	8572	10/04/2023	PRODUCTION	Stage 26	
NIOBRARA A		8597	8598	10/04/2023	PRODUCTION	Stage 26	
NIOBRARA A		8624	8625	10/04/2023	PRODUCTION	Stage 25	
NIOBRARA A		8651	8652	10/04/2023	PRODUCTION	Stage 25	
NIOBRARA A		8678	8679	10/04/2023	PRODUCTION	Stage 25	

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NIOBRARA A	8706	8707	10/04/2023	PRODUCTION	Stage 25
NIOBRARA A	8731	8732	10/04/2023	PRODUCTION	Stage 25
NIOBRARA A	8758	8759	10/04/2023	PRODUCTION	Stage 25
NIOBRARA A	8784	8785	10/04/2023	PRODUCTION	Stage 25
NIOBRARA A	8811	8812	10/04/2023	PRODUCTION	Stage 25
NIOBRARA A	8838	8839	10/04/2023	PRODUCTION	Stage 25
NIOBRARA A	8865	8866	10/04/2023	PRODUCTION	Stage 25
NIOBRARA A	8892	8893	10/03/2023	PRODUCTION	Stage 24
NIOBRARA A	8919	8920	10/03/2023	PRODUCTION	Stage 24
NIOBRARA A	8945	8946	10/03/2023	PRODUCTION	Stage 24
NIOBRARA A	8972	8973	10/03/2023	PRODUCTION	Stage 24
NIOBRARA A	8996	8997	10/03/2023	PRODUCTION	Stage 24
NIOBRARA A	9026	9027	10/03/2023	PRODUCTION	Stage 24
NIOBRARA A	9052	9053	10/03/2023	PRODUCTION	Stage 24
NIOBRARA A	9077	9078	10/03/2023	PRODUCTION	Stage 24
NIOBRARA A	9106	9107	10/03/2023	PRODUCTION	Stage 24
NIOBRARA A	9133	9134	10/03/2023	PRODUCTION	Stage 24
NIOBRARA A	9159	9160	10/03/2023	PRODUCTION	Stage 23
NIOBRARA A	9186	9187	10/03/2023	PRODUCTION	Stage 23
NIOBRARA A	9213	9214	10/03/2023	PRODUCTION	Stage 23
NIOBRARA A	9240	9241	10/03/2023	PRODUCTION	Stage 23
NIOBRARA A	9266	9267	10/03/2023	PRODUCTION	Stage 23
NIOBRARA A	9296	9297	10/03/2023	PRODUCTION	Stage 23
NIOBRARA A	9320	9321	10/03/2023	PRODUCTION	Stage 23
NIOBRARA A	9347	9348	10/03/2023	PRODUCTION	Stage 23
NIOBRARA A	9373	9374	10/03/2023	PRODUCTION	Stage 23
NIOBRARA A	9400	9401	10/03/2023	PRODUCTION	Stage 23
NIOBRARA A	9427	9428	10/02/2023	PRODUCTION	Stage 22
NIOBRARA A	9454	9455	10/02/2023	PRODUCTION	Stage 22
NIOBRARA A	9480	9481	10/02/2023	PRODUCTION	Stage 22
NIOBRARA A	9508	9509	10/02/2023	PRODUCTION	Stage 22
NIOBRARA A	9534	9535	10/02/2023	PRODUCTION	Stage 22
NIOBRARA A	9561	9562	10/02/2023	PRODUCTION	Stage 22
NIOBRARA A	9586	9587	10/02/2023	PRODUCTION	Stage 22
NIOBRARA A	9614	9615	10/02/2023	PRODUCTION	Stage 22
NIOBRARA A	9641	9642	10/02/2023	PRODUCTION	Stage 22
NIOBRARA A	9666	9667	10/02/2023	PRODUCTION	Stage 22
NIOBRARA A	9695	9696	10/02/2023	PRODUCTION	Stage 21
NIOBRARA A	9721	9722	10/02/2023	PRODUCTION	Stage 21
NIOBRARA A	9748	9749	10/02/2023	PRODUCTION	Stage 21
NIOBRARA A	9775	9776	10/02/2023	PRODUCTION	Stage 21
NIOBRARA A	9804	9805	10/02/2023	PRODUCTION	Stage 21
NIOBRARA A	9828	9829	10/02/2023	PRODUCTION	Stage 21
NIOBRARA A	9855	9856	10/02/2023	PRODUCTION	Stage 21
NIOBRARA A	9884	9885	10/02/2023	PRODUCTION	Stage 21
NIOBRARA A	9909	9910	10/02/2023	PRODUCTION	Stage 21
NIOBRARA A	9935	9936	10/02/2023	PRODUCTION	Stage 21
NIOBRARA A	9962	9963	10/01/2023	PRODUCTION	Stage 20
NIOBRARA A	9989	9990	10/01/2023	PRODUCTION	Stage 20
NIOBRARA A	10016	10017	10/01/2023	PRODUCTION	Stage 20
NIOBRARA A	10042	10043	10/01/2023	PRODUCTION	Stage 20
NIOBRARA A	10069	10070	10/01/2023	PRODUCTION	Stage 20
NIOBRARA A	10098	10099	10/01/2023	PRODUCTION	Stage 20
NIOBRARA A	10123	10124	10/01/2023	PRODUCTION	Stage 20

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HWY 257 & HWY 34, W 9/10 TO 131ST AVE, N 5/10, W 2/10, S/W INTO.

NIOBRARA A	10150	10151	10/01/2023	PRODUCTION	Stage 20
NIOBRARA A	10176	10177	10/01/2023	PRODUCTION	Stage 20
NIOBRARA A	10199	10200	10/01/2023	PRODUCTION	Stage 20
NIOBRARA A	10230	10231	10/01/2023	PRODUCTION	Stage 19
NIOBRARA A	10253	10254	10/01/2023	PRODUCTION	Stage 19
NIOBRARA A	10283	10284	10/01/2023	PRODUCTION	Stage 19
NIOBRARA A	10310	10311	10/01/2023	PRODUCTION	Stage 19
NIOBRARA A	10337	10338	10/01/2023	PRODUCTION	Stage 19
NIOBRARA A	10364	10365	10/01/2023	PRODUCTION	Stage 19
NIOBRARA A	10390	10391	10/01/2023	PRODUCTION	Stage 19
NIOBRARA A	10417	10418	10/01/2023	PRODUCTION	Stage 19
NIOBRARA A	10444	10445	10/01/2023	PRODUCTION	Stage 19
NIOBRARA A	10471	10472	10/01/2023	PRODUCTION	Stage 19
NIOBRARA A	10497	10498	09/30/2023	PRODUCTION	Stage 18
NIOBRARA A	10524	10525	09/30/2023	PRODUCTION	Stage 18
NIOBRARA A	10550	10551	09/30/2023	PRODUCTION	Stage 18
NIOBRARA A	10578	10579	09/30/2023	PRODUCTION	Stage 18
NIOBRARA A	10604	10605	09/30/2023	PRODUCTION	Stage 18
NIOBRARA A	10631	10632	09/30/2023	PRODUCTION	Stage 18
NIOBRARA A	10658	10659	09/30/2023	PRODUCTION	Stage 18
NIOBRARA A	10685	10686	09/30/2023	PRODUCTION	Stage 18
NIOBRARA A	10711	10712	09/30/2023	PRODUCTION	Stage 18
NIOBRARA A	10738	10739	09/30/2023	PRODUCTION	Stage 18
NIOBRARA A	10766	10767	09/30/2023	PRODUCTION	Stage 17
NIOBRARA A	10792	10793	09/30/2023	PRODUCTION	Stage 17
NIOBRARA A	10819	10820	09/30/2023	PRODUCTION	Stage 17
NIOBRARA A	10849	10850	09/30/2023	PRODUCTION	Stage 17
NIOBRARA A	10872	10873	09/30/2023	PRODUCTION	Stage 17
NIOBRARA A	10899	10900	09/30/2023	PRODUCTION	Stage 17
NIOBRARA A	10926	10927	09/30/2023	PRODUCTION	Stage 17
NIOBRARA A	10952	10953	09/30/2023	PRODUCTION	Stage 17
NIOBRARA A	10979	10980	09/30/2023	PRODUCTION	Stage 17
NIOBRARA A	11006	11007	09/30/2023	PRODUCTION	Stage 17
NIOBRARA A	11033	11034	09/29/2023	PRODUCTION	Stage 16
NIOBRARA A	11059	11060	09/29/2023	PRODUCTION	Stage 16
NIOBRARA A	11086	11087	09/29/2023	PRODUCTION	Stage 16
NIOBRARA A	11113	11114	09/29/2023	PRODUCTION	Stage 16
NIOBRARA A	11140	11141	09/29/2023	PRODUCTION	Stage 16
NIOBRARA A	11166	11167	09/29/2023	PRODUCTION	Stage 16
NIOBRARA A	11193	11194	09/29/2023	PRODUCTION	Stage 16
NIOBRARA A	11223	11224	09/29/2023	PRODUCTION	Stage 16
NIOBRARA A	11247	11248	09/29/2023	PRODUCTION	Stage 16
NIOBRARA A	11273	11274	09/29/2023	PRODUCTION	Stage 16
NIOBRARA A	11305	11306	09/29/2023	PRODUCTION	Stage 15
NIOBRARA A	11327	11328	09/29/2023	PRODUCTION	Stage 15
NIOBRARA A	11354	11355	09/29/2023	PRODUCTION	Stage 15
NIOBRARA A	11381	11382	09/29/2023	PRODUCTION	Stage 15
NIOBRARA A	11407	11408	09/29/2023	PRODUCTION	Stage 15
NIOBRARA A	11434	11435	09/29/2023	PRODUCTION	Stage 15
NIOBRARA A	11461	11462	09/29/2023	PRODUCTION	Stage 15
NIOBRARA A	11488	11489	09/29/2023	PRODUCTION	Stage 15
NIOBRARA A	11516	11517	09/29/2023	PRODUCTION	Stage 15
NIOBRARA A	11541	11542	09/29/2023	PRODUCTION	Stage 15
NIOBRARA A	11568	11569	09/28/2023	PRODUCTION	Stage 14

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NIOBRARA A	11598	11599	09/28/2023	PRODUCTION	Stage 14
NIOBRARA A	11621	11622	09/28/2023	PRODUCTION	Stage 14
NIOBRARA A	11648	11649	09/28/2023	PRODUCTION	Stage 14
NIOBRARA A	11675	11676	09/28/2023	PRODUCTION	Stage 14
NIOBRARA A	11702	11703	09/28/2023	PRODUCTION	Stage 14
NIOBRARA A	11724	11725	09/28/2023	PRODUCTION	Stage 14
NIOBRARA A	11755	11756	09/28/2023	PRODUCTION	Stage 14
NIOBRARA A	11782	11783	09/28/2023	PRODUCTION	Stage 14
NIOBRARA A	11809	11810	09/28/2023	PRODUCTION	Stage 14
NIOBRARA A	11835	11836	09/28/2023	PRODUCTION	Stage 13
NIOBRARA A	11862	11863	09/28/2023	PRODUCTION	Stage 13
NIOBRARA A	11889	11890	09/28/2023	PRODUCTION	Stage 13
NIOBRARA A	11916	11917	09/28/2023	PRODUCTION	Stage 13
NIOBRARA A	11942	11943	09/28/2023	PRODUCTION	Stage 13
NIOBRARA A	11969	11970	09/28/2023	PRODUCTION	Stage 13
NIOBRARA A	11996	11997	09/28/2023	PRODUCTION	Stage 13
NIOBRARA A	12024	12025	09/28/2023	PRODUCTION	Stage 13
NIOBRARA A	12050	12051	09/28/2023	PRODUCTION	Stage 13
NIOBRARA A	12076	12077	09/28/2023	PRODUCTION	Stage 13
NIOBRARA A	12103	12104	09/27/2023	PRODUCTION	Stage 12
NIOBRARA A	12130	12131	09/27/2023	PRODUCTION	Stage 12
NIOBRARA A	12157	12158	09/27/2023	PRODUCTION	Stage 12
NIOBRARA A	12183	12184	09/27/2023	PRODUCTION	Stage 12
NIOBRARA A	12210	12211	09/27/2023	PRODUCTION	Stage 12
NIOBRARA A	12237	12238	09/27/2023	PRODUCTION	Stage 12
NIOBRARA A	12264	12265	09/27/2023	PRODUCTION	Stage 12
NIOBRARA A	12290	12291	09/27/2023	PRODUCTION	Stage 12
NIOBRARA A	12317	12318	09/27/2023	PRODUCTION	Stage 12
NIOBRARA A	12341	12342	09/27/2023	PRODUCTION	Stage 12
NIOBRARA A	12371	12372	09/27/2023	PRODUCTION	Stage 11
NIOBRARA A	12399	12400	09/27/2023	PRODUCTION	Stage 11
NIOBRARA A	12424	12425	09/27/2023	PRODUCTION	Stage 11
NIOBRARA A	12451	12452	09/27/2023	PRODUCTION	Stage 11
NIOBRARA A	12478	12479	09/27/2023	PRODUCTION	Stage 11
NIOBRARA A	12504	12505	09/27/2023	PRODUCTION	Stage 11
NIOBRARA A	12531	12532	09/27/2023	PRODUCTION	Stage 11
NIOBRARA A	12558	12559	09/27/2023	PRODUCTION	Stage 11
NIOBRARA A	12585	12586	09/27/2023	PRODUCTION	Stage 11
NIOBRARA A	12612	12613	09/27/2023	PRODUCTION	Stage 11
NIOBRARA A	12638	12639	09/26/2023	PRODUCTION	Stage 10
NIOBRARA A	12665	12666	09/26/2023	PRODUCTION	Stage 10
NIOBRARA A	12690	12691	09/26/2023	PRODUCTION	Stage 10
NIOBRARA A	12719	12720	09/26/2023	PRODUCTION	Stage 10
NIOBRARA A	12745	12746	09/26/2023	PRODUCTION	Stage 10
NIOBRARA A	12772	12773	09/26/2023	PRODUCTION	Stage 10
NIOBRARA A	12799	12800	09/26/2023	PRODUCTION	Stage 10
NIOBRARA A	12826	12827	09/26/2023	PRODUCTION	Stage 10
NIOBRARA A	12852	12853	09/26/2023	PRODUCTION	Stage 10
NIOBRARA A	12879	12880	09/26/2023	PRODUCTION	Stage 10
NIOBRARA A	12908	12909	09/25/2023	PRODUCTION	Stage 9
NIOBRARA A	12933	12934	09/25/2023	PRODUCTION	Stage 9
NIOBRARA A	12959	12960	09/25/2023	PRODUCTION	Stage 9
NIOBRARA A	12988	12989	09/25/2023	PRODUCTION	Stage 9
NIOBRARA A	13013	13014	09/25/2023	PRODUCTION	Stage 9

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KB: 4970

MTD: 15446

TVD: 6925

LOG MD:

PBMD: 15392

PBTVD: 6926

Directions:

HWY 257 & HWY 34, W 9/10 TO 131ST AVE, N 5/10, W 2/10, S/W INTO.

NIOBRARA A	13040	13041	09/25/2023	PRODUCTION	Stage 9
NIOBRARA A	13066	13067	09/25/2023	PRODUCTION	Stage 9
NIOBRARA A	13093	13094	09/25/2023	PRODUCTION	Stage 9
NIOBRARA A	13120	13121	09/25/2023	PRODUCTION	Stage 9
NIOBRARA A	13147	13148	09/25/2023	PRODUCTION	Stage 9
NIOBRARA A	13174	13175	09/25/2023	PRODUCTION	Stage 8
NIOBRARA A	13200	13201	09/25/2023	PRODUCTION	Stage 8
NIOBRARA A	13227	13228	09/25/2023	PRODUCTION	Stage 8
NIOBRARA A	13254	13255	09/25/2023	PRODUCTION	Stage 8
NIOBRARA A	13282	13283	09/25/2023	PRODUCTION	Stage 8
NIOBRARA A	13307	13308	09/25/2023	PRODUCTION	Stage 8
NIOBRARA A	13334	13335	09/25/2023	PRODUCTION	Stage 8
NIOBRARA A	13361	13362	09/25/2023	PRODUCTION	Stage 8
NIOBRARA A	13388	13389	09/25/2023	PRODUCTION	Stage 8
NIOBRARA A	13414	13415	09/25/2023	PRODUCTION	Stage 8
NIOBRARA A	13441	13442	09/24/2023	PRODUCTION	Stage 7
NIOBRARA A	13468	13469	09/24/2023	PRODUCTION	Stage 7
NIOBRARA A	13497	13498	09/24/2023	PRODUCTION	Stage 7
NIOBRARA A	13521	13522	09/24/2023	PRODUCTION	Stage 7
NIOBRARA A	13548	13549	09/24/2023	PRODUCTION	Stage 7
NIOBRARA A	13572	13573	09/24/2023	PRODUCTION	Stage 7
NIOBRARA A	13602	13603	09/24/2023	PRODUCTION	Stage 7
NIOBRARA A	13628	13629	09/24/2023	PRODUCTION	Stage 7
NIOBRARA A	13655	13656	09/24/2023	PRODUCTION	Stage 7
NIOBRARA A	13682	13683	09/24/2023	PRODUCTION	Stage 7
NIOBRARA A	13709	13710	09/24/2023	PRODUCTION	Stage 6
NIOBRARA A	13735	13736	09/24/2023	PRODUCTION	Stage 6
NIOBRARA A	13762	13763	09/24/2023	PRODUCTION	Stage 6
NIOBRARA A	13789	13790	09/24/2023	PRODUCTION	Stage 6
NIOBRARA A	13816	13817	09/24/2023	PRODUCTION	Stage 6
NIOBRARA A	13843	13844	09/24/2023	PRODUCTION	Stage 6
NIOBRARA A	13869	13870	09/24/2023	PRODUCTION	Stage 6
NIOBRARA A	13896	13897	09/24/2023	PRODUCTION	Stage 6
NIOBRARA A	13923	13924	09/24/2023	PRODUCTION	Stage 6
NIOBRARA A	13950	13951	09/24/2023	PRODUCTION	Stage 6
NIOBRARA A	13976	13977	09/23/2023	PRODUCTION	Stage 5
NIOBRARA A	14004	14005	09/23/2023	PRODUCTION	Stage 5
NIOBRARA A	14030	14031	09/23/2023	PRODUCTION	Stage 5
NIOBRARA A	14057	14058	09/23/2023	PRODUCTION	Stage 5
NIOBRARA A	14081	14082	09/23/2023	PRODUCTION	Stage 5
NIOBRARA A	14110	14111	09/23/2023	PRODUCTION	Stage 5
NIOBRARA A	14137	14138	09/23/2023	PRODUCTION	Stage 5
NIOBRARA A	14164	14165	09/23/2023	PRODUCTION	Stage 5
NIOBRARA A	14190	14191	09/23/2023	PRODUCTION	Stage 5
NIOBRARA A	14217	14218	09/23/2023	PRODUCTION	Stage 5
NIOBRARA A	14244	14245	09/22/2023	PRODUCTION	Stage 4
NIOBRARA A	14271	14272	09/22/2023	PRODUCTION	Stage 4
NIOBRARA A	14297	14298	09/22/2023	PRODUCTION	Stage 4
NIOBRARA A	14324	14325	09/22/2023	PRODUCTION	Stage 4
NIOBRARA A	14351	14352	09/22/2023	PRODUCTION	Stage 4
NIOBRARA A	14382	14383	09/22/2023	PRODUCTION	Stage 4
NIOBRARA A	14405	14406	09/22/2023	PRODUCTION	Stage 4
NIOBRARA A	14431	14432	09/22/2023	PRODUCTION	Stage 4
NIOBRARA A	14458	14459	09/22/2023	PRODUCTION	Stage 4

KERR-MCGEE OIL AND GAS ONSHORE LP
RAINBOW 9-2HZ
NE NW 9 5N 67W 2,278' FNL 2,081' FWL
WELD,COLORADO

02/13/2024

WINS No.:

Spud: 02/09/2023 Date TD Reached: 05/28/2023 STEP ID: 237393 AFE/WO#: C21-17915.02.10 API#: 0512351985

GL: 4950 KB: 4970 MTD: 15446 TVD: 6925 LOG MD: PBMD: 15392 PBTVD: 6926

Directions: **HWY 257 & HWY 34, W 9/10 TO 131ST AVE, N 5/10, W 2/10, S/W INTO.**

NIOBRARA A	14485	14486	09/22/2023	PRODUCTION	Stage 4
NIOBRARA A	14512	14513	09/21/2023	PRODUCTION	Stage 3
NIOBRARA A	14538	14539	09/21/2023	PRODUCTION	Stage 3
NIOBRARA A	14565	14566	09/21/2023	PRODUCTION	Stage 3
NIOBRARA A	14594	14595	09/21/2023	PRODUCTION	Stage 3
NIOBRARA A	14619	14620	09/21/2023	PRODUCTION	Stage 3
NIOBRARA A	14645	14646	09/21/2023	PRODUCTION	Stage 3
NIOBRARA A	14672	14673	09/21/2023	PRODUCTION	Stage 3
NIOBRARA A	14699	14700	09/21/2023	PRODUCTION	Stage 3
NIOBRARA A	14726	14727	09/21/2023	PRODUCTION	Stage 3
NIOBRARA A	14752	14753	09/21/2023	PRODUCTION	Stage 3
NIOBRARA A	14779	14780	09/21/2023	PRODUCTION	Stage 2
NIOBRARA A	14806	14807	09/21/2023	PRODUCTION	Stage 2
NIOBRARA A	14833	14834	09/21/2023	PRODUCTION	Stage 2
NIOBRARA A	14859	14860	09/21/2023	PRODUCTION	Stage 2
NIOBRARA A	14889	14890	09/21/2023	PRODUCTION	Stage 2
NIOBRARA A	14913	14914	09/21/2023	PRODUCTION	Stage 2
NIOBRARA A	14940	14941	09/21/2023	PRODUCTION	Stage 2
NIOBRARA A	14966	14967	09/21/2023	PRODUCTION	Stage 2
NIOBRARA A	14993	14994	09/21/2023	PRODUCTION	Stage 2
NIOBRARA A	15020	15021	09/21/2023	PRODUCTION	Stage 2
NIOBRARA A	15047	15048	09/20/2023	PRODUCTION	Stage 1
NIOBRARA A	15074	15075	09/20/2023	PRODUCTION	Stage 1
NIOBRARA A	15100	15101	09/20/2023	PRODUCTION	Stage 1
NIOBRARA A	15127	15128	09/20/2023	PRODUCTION	Stage 1
NIOBRARA A	15154	15155	09/20/2023	PRODUCTION	Stage 1
NIOBRARA A	15181	15182	09/20/2023	PRODUCTION	Stage 1
NIOBRARA A	15207	15208	09/20/2023	PRODUCTION	Stage 1
NIOBRARA A	15234	15235	09/20/2023	PRODUCTION	Stage 1
NIOBRARA A	15261	15262	09/20/2023	PRODUCTION	Stage 1
NIOBRARA A	15288	15289	09/20/2023	PRODUCTION	Stage 1

Comments: