

Hydraulic Fracturing Fluid Product Component Information Disclosure

Fracture Date:	2018-03-12
State:	New Mexico
County:	Eddy
API Number:	3001643229
Operator Name:	CHEVRON - PERMIAN BASIN-EBUS
Well Name and Number:	HH BO 10 P3 18K
Longitude:	-104.178776
Latitude:	33.06862904
Long/Lat Projection:	
Trident/Federal:	none
Production Type:	
True Vertical Depth (TVD):	10,604
Total Water Volume (gal):	20,653,640

30-01543929

NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 03 2018

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Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Ingredient Mass lbs	Comments	Company	First Name	Last Name	Email	Phone
Fresh Water	Operator	Base Fluid	Water	7732-18-5	100.00%	87.36599%	173710252	Density = 8.330					
GA-20 BUFFERING AGENT	Halliburton	Buffer	Listed Below	Listed Below			0	NA					
Cla-Web(TM) II	Halliburton	Clay Stabilizer	Listed Below	Listed Below			0	NA					
HAL-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Listed Below	Listed Below			0	NA					
HC2-110%	Halliburton	Solvent	Listed Below	Listed Below			0	NA					
MC-B-8626	Halliburton	Blocker	Listed Below	Listed Below			0	NA					
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker	Listed Below	Listed Below			0	NA					
OptiGreen-WF(TM)	Halliburton	Concentrate	Listed Below	Listed Below			0	NA					
SAND-COMBOWH WHITE-100 MESH SSA-2, BULK (100003676)	Halliburton	Proppant	Listed Below	Listed Below			0	NA					
SAND-CRC-2040, 100 LB SACK	Halliburton	Proppant	Listed Below	Listed Below			0	NA					
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Listed Below	Listed Below			0	NA					
CORROBOR 3800	Baker Hughes	Corrosion Inhibitor	Listed Below	Listed Below			0	NA					
FDP-S1226-15	Halliburton	Surfactant	Listed Below	Listed Below			0	NA					
Flyght EC-1	Halliburton	Friction Reducer	Listed Below	Listed Below			0	NA					
LD-7725	Halliburton	Scale Inhibitor	Listed Below	Listed Below			0	NA					
MSDS and Non-MSDS ingredients are listed below the green line													
Ingredients	Listed Above	Listed Above	Acetic acid	64-19-7	10.00%	0.00181%	3603						
			Acid phosphate ester	Trade Secret			0		Denise Tuck, Halliburton, 3000 N. Sam Houston Pkwy E., Houston, TX 77032, 281-571-6226	Baker Hughes	N/A	N/A	281-351-8131
			Amine	Proprietary	0.10%	0.00003%	55		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Amine salts	Proprietary	1.00%	0.00030%	605		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Ammonium acetate	631-81-8	100.00%	0.00604%	12008						
			Ammonium compound	Proprietary	30.00%	0.00829%	16478		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Ammonium persulfate	7727-64-0	100.00%	0.00155%	3075						
			Chlorine compound	Proprietary	30.00%	0.00829%	16478		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Contains no hazardous substances in concentrations above cut-off values according to the component authority.	CAS Not Assigned	100.00%	0.08566%	170669		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Crystalline silica, quartz	14808-60-7	100.00%	11.86891%	2553623						
			Crystalline silica: Quartz (SiO2)	14808-60-7	1.00%	0.00003%	50						
			Cured acrylic resin	Proprietary	30.00%	0.00946%	923		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Diatomaceous earth, calcined	91053-39-3	80.00%	0.00201%	4000						
			Didecylmethylammonium chloride	7173-51-5	10.00%	0.00205%	4084						
			Ethanol	64-17-5	5.00%	0.00103%	2042						
			Ethoxylated alcohols	Proprietary	30.00%	0.02734%	54360		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Ethylene glycol	107-21-1	60.00%	0.01304%	25915						
			Fatty acids, tall oil	Proprietary	30.00%	0.00022%	445		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Fatty amine salt	Proprietary	5.00%	0.00452%	8985		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Glutaraldehyde	111-30-8	30.00%	0.00616%	12251						
			Gum gum	9000-30-0	100.00%	0.03181%	63233						
			Hexamethylenetetramine	100-67-0	2.00%	0.04735%	94128						
			Hydrochloric acid	7647-01-0	30.00%	0.13507%	269500						
			Methanol	67-56-1	60.00%	0.00015%	890						
			Olefins	Proprietary	5.00%	0.00009%	180		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Phenol / formaldehyde resin	9003-35-4	5.00%	0.11838%	235321						
			Propargyl alcohol	107-19-7	10.00%	0.00007%	149						
			Quaternary amine	Proprietary	1.00%	0.00055%	1100		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-671-6226
			Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	69424-85-1	7.00%	0.00144%	2869						
			Quaternary ammonium chloride	Trade Secret			0		Baker Hughes	N/A	N/A	N/A	281-351-8131
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	69527-49-1	30.00%	0.00022%	445						
			Sodium chloride	7647-14-5	1.00%	0.00028%	550						
			Sodium perborate tetrahydrate	10496-00-7	100.00%	0.00653%	12975						
			Water	7732-18-5	100.00%	0.49200%	978028						

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200(i) and Appendix D.

HH SO 10 P3 16H

30-015-43929

Interval Number	Link to Proppant	Proppant Mass (lb)	Cum Proppant Mass (lb)
2	100 Mesh, 100 Mesh, Bulk Sand	11,999	12,363
2	100 Mesh, 100 Mesh, Bulk Sand	20,868	33,231
2	100 Mesh, 100 Mesh, Bulk Sand	38,718	71,949
2	100 Mesh, 100 Mesh, Bulk Sand	61,049	132,998
2	100 Mesh, 100 Mesh, Bulk Sand	74,139	207,137
2	100 Mesh, 100 Mesh, Bulk Sand	78,672	285,809
2	100 Mesh, 100 Mesh, Bulk Sand	83,142	368,951
2	40/70, CRC LT 40/70, Resin Coated Sand	32,358	401,309
2	40/70, CRC LT 40/70, Resin Coated Sand	73,460	474,769
3	100 Mesh, 100 Mesh, Bulk Sand	12,189	12,220
3	100 Mesh, 100 Mesh, Bulk Sand	20,754	32,974
3	100 Mesh, 100 Mesh, Bulk Sand	39,107	72,081
3	100 Mesh, 100 Mesh, Bulk Sand	61,728	133,809
3	100 Mesh, 100 Mesh, Bulk Sand	73,508	207,317
3	100 Mesh, 100 Mesh, Bulk Sand	76,895	284,212
3	100 Mesh, 100 Mesh, Bulk Sand	99,206	383,418
3	40/70, CRC LT 40/70, Resin Coated Sand	25,028	408,446
3	40/70, CRC LT 40/70, Resin Coated Sand	63,421	471,867
4	100 Mesh, 100 Mesh, Bulk Sand	9,496	11,605
4	100 Mesh, 100 Mesh, Bulk Sand	20,843	32,448
4	100 Mesh, 100 Mesh, Bulk Sand	40,203	72,651
4	100 Mesh, 100 Mesh, Bulk Sand	61,756	134,407
4	100 Mesh, 100 Mesh, Bulk Sand	73,242	207,649
4	100 Mesh, 100 Mesh, Bulk Sand	80,227	287,876
4	100 Mesh, 100 Mesh, Bulk Sand	88,408	376,284
4	40/70, CRC LT 40/70, Resin Coated Sand	24,960	401,244
4	40/70, CRC LT 40/70, Resin Coated Sand	69,715	470,959
5	100 Mesh, 100 Mesh, Bulk Sand	11,633	11,730
5	100 Mesh, 100 Mesh, Bulk Sand	20,822	32,552
5	100 Mesh, 100 Mesh, Bulk Sand	40,072	72,624
5	100 Mesh, 100 Mesh, Bulk Sand	61,199	133,823
5	100 Mesh, 100 Mesh, Bulk Sand	78,257	212,080
5	100 Mesh, 100 Mesh, Bulk Sand	82,248	294,328
5	100 Mesh, 100 Mesh, Bulk Sand	90,884	385,212
5	40/70, CRC LT 40/70, Resin Coated Sand	18,828	404,040
5	40/70, CRC LT 40/70, Resin Coated Sand	69,253	473,293
6	100 Mesh, 100 Mesh, Bulk Sand	11,484	11,554
6	100 Mesh, 100 Mesh, Bulk Sand	20,949	32,503
6	100 Mesh, 100 Mesh, Bulk Sand	40,092	72,595
6	100 Mesh, 100 Mesh, Bulk Sand	61,223	133,818
6	100 Mesh, 100 Mesh, Bulk Sand	73,379	207,197
6	100 Mesh, 100 Mesh, Bulk Sand	79,675	286,872
6	100 Mesh, 100 Mesh, Bulk Sand	89,395	376,267
6	40/70, CRC LT 40/70, Resin Coated Sand	24,978	401,245
6	40/70, CRC LT 40/70, Resin Coated Sand	70,286	471,531
7	100 Mesh, 100 Mesh, Bulk Sand	11,627	11,697
7	100 Mesh, 100 Mesh, Bulk Sand	20,971	32,668
7	100 Mesh, 100 Mesh, Bulk Sand	39,902	72,570

7	100 Mesh, 100 Mesh, Bulk Sand	61,182	133,752
7	100 Mesh, 100 Mesh, Bulk Sand	73,653	207,405
7	100 Mesh, 100 Mesh, Bulk Sand	78,981	286,386
7	100 Mesh, 100 Mesh, Bulk Sand	92,006	378,392
7	40/70, CRC LT 40/70, Resin Coated Sand	23,075	401,467
7	40/70, CRC LT 40/70, Resin Coated Sand	70,620	472,087
8	100 Mesh, 100 Mesh, Bulk Sand	12,018	12,048
8	100 Mesh, 100 Mesh, Bulk Sand	20,616	32,664
8	100 Mesh, 100 Mesh, Bulk Sand	40,316	72,980
8	100 Mesh, 100 Mesh, Bulk Sand	60,748	133,728
8	100 Mesh, 100 Mesh, Bulk Sand	73,560	207,288
8	100 Mesh, 100 Mesh, Bulk Sand	91,614	298,902
8	100 Mesh, 100 Mesh, Bulk Sand	81,087	379,989
8	40/70, CRC LT 40/70, Resin Coated Sand	26,147	406,136
8	40/70, CRC LT 40/70, Resin Coated Sand	66,823	472,959
9	100 Mesh, 100 Mesh, Bulk Sand	11,382	11,487
9	100 Mesh, 100 Mesh, Bulk Sand	21,040	32,527
9	100 Mesh, 100 Mesh, Bulk Sand	40,012	72,539
9	100 Mesh, 100 Mesh, Bulk Sand	61,278	133,817
9	100 Mesh, 100 Mesh, Bulk Sand	73,366	207,183
9	100 Mesh, 100 Mesh, Bulk Sand	81,746	288,929
9	100 Mesh, 100 Mesh, Bulk Sand	88,053	376,982
9	40/70, CRC LT 40/70, Resin Coated Sand	24,282	401,264
9	40/70, CRC LT 40/70, Resin Coated Sand	68,149	469,413
10	100 Mesh, 100 Mesh, Bulk Sand	11,967	11,983
10	100 Mesh, 100 Mesh, Bulk Sand	22,559	34,542
10	100 Mesh, 100 Mesh, Bulk Sand	42,973	77,515
10	100 Mesh, 100 Mesh, Bulk Sand	60,418	137,933
10	100 Mesh, 100 Mesh, Bulk Sand	74,410	212,343
10	100 Mesh, 100 Mesh, Bulk Sand	78,443	290,786
10	100 Mesh, 100 Mesh, Bulk Sand	117,885	408,671
10	40/70, CRC LT 40/70, Resin Coated Sand	26,764	435,435
10	40/70, CRC LT 40/70, Resin Coated Sand	54,299	489,734
11	100 Mesh, 100 Mesh, Bulk Sand	11,276	11,437
11	100 Mesh, 100 Mesh, Bulk Sand	21,086	32,523
11	100 Mesh, 100 Mesh, Bulk Sand	40,208	72,731
11	100 Mesh, 100 Mesh, Bulk Sand	61,005	133,736
11	100 Mesh, 100 Mesh, Bulk Sand	73,653	207,389
11	100 Mesh, 100 Mesh, Bulk Sand	79,690	287,079
11	100 Mesh, 100 Mesh, Bulk Sand	89,122	376,201
11	40/70, CRC LT 40/70, Resin Coated Sand	25,094	401,295
11	40/70, CRC LT 40/70, Resin Coated Sand	68,730	470,025
12	100 Mesh, 100 Mesh, Bulk Sand	11,189	11,426
12	100 Mesh, 100 Mesh, Bulk Sand	21,099	32,525
12	100 Mesh, 100 Mesh, Bulk Sand	41,484	74,009
12	100 Mesh, 100 Mesh, Bulk Sand	61,693	135,702
12	100 Mesh, 100 Mesh, Bulk Sand	72,528	208,230
12	100 Mesh, 100 Mesh, Bulk Sand	78,031	286,261
12	100 Mesh, 100 Mesh, Bulk Sand	90,030	376,291
12	40/70, CRC LT 40/70, Resin Coated Sand	25,065	401,356
12	40/70, CRC LT 40/70, Resin Coated Sand	75,284	476,640

13	100 Mesh, 100 Mesh, Bulk Sand	14,723	14,793
13	100 Mesh, 100 Mesh, Bulk Sand	18,076	32,869
13	100 Mesh, 100 Mesh, Bulk Sand	39,706	72,575
13	100 Mesh, 100 Mesh, Bulk Sand	61,264	133,839
13	100 Mesh, 100 Mesh, Bulk Sand	73,514	207,353
13	100 Mesh, 100 Mesh, Bulk Sand	78,856	286,209
13	100 Mesh, 100 Mesh, Bulk Sand	90,343	376,552
13	40/70, CRC LT 40/70, Resin Coated Sand	24,953	401,505
13	40/70, CRC LT 40/70, Resin Coated Sand	71,086	472,591
14	100 Mesh, 100 Mesh, Bulk Sand	16,136	16,223
14	100 Mesh, 100 Mesh, Bulk Sand	16,292	32,515
14	100 Mesh, 100 Mesh, Bulk Sand	41,183	73,698
14	100 Mesh, 100 Mesh, Bulk Sand	63,145	136,843
14	100 Mesh, 100 Mesh, Bulk Sand	70,493	207,336
14	100 Mesh, 100 Mesh, Bulk Sand	78,952	286,288
14	100 Mesh, 100 Mesh, Bulk Sand	89,699	375,987
14	40/70, CRC LT 40/70, Resin Coated Sand	25,373	401,360
14	40/70, CRC LT 40/70, Resin Coated Sand	68,786	470,146
15	100 Mesh, 100 Mesh, Bulk Sand	11,531	11,563
15	100 Mesh, 100 Mesh, Bulk Sand	21,014	32,577
15	100 Mesh, 100 Mesh, Bulk Sand	39,983	72,560
15	100 Mesh, 100 Mesh, Bulk Sand	61,278	133,838
15	100 Mesh, 100 Mesh, Bulk Sand	73,494	207,332
15	100 Mesh, 100 Mesh, Bulk Sand	79,055	286,387
15	100 Mesh, 100 Mesh, Bulk Sand	89,872	376,259
15	40/70, CRC LT 40/70, Resin Coated Sand	24,965	401,224
15	40/70, CRC LT 40/70, Resin Coated Sand	69,938	471,162
16	100 Mesh, 100 Mesh, Bulk Sand	11,922	11,937
16	100 Mesh, 100 Mesh, Bulk Sand	20,586	32,523
16	100 Mesh, 100 Mesh, Bulk Sand	39,712	72,235
16	100 Mesh, 100 Mesh, Bulk Sand	61,935	134,170
16	100 Mesh, 100 Mesh, Bulk Sand	72,128	206,298
16	100 Mesh, 100 Mesh, Bulk Sand	79,723	286,021
16	100 Mesh, 100 Mesh, Bulk Sand	90,224	376,245
16	40/70, CRC LT 40/70, Resin Coated Sand	25,109	401,354
16	40/70, CRC LT 40/70, Resin Coated Sand	70,145	471,499
17	100 Mesh, 100 Mesh, Bulk Sand	11,537	11,561
17	100 Mesh, 100 Mesh, Bulk Sand	20,951	32,512
17	100 Mesh, 100 Mesh, Bulk Sand	40,031	72,543
17	100 Mesh, 100 Mesh, Bulk Sand	64,254	136,797
17	100 Mesh, 100 Mesh, Bulk Sand	70,497	207,294
17	100 Mesh, 100 Mesh, Bulk Sand	79,014	286,308
17	100 Mesh, 100 Mesh, Bulk Sand	89,883	376,191
17	40/70, CRC LT 40/70, Resin Coated Sand	25,189	401,380
17	40/70, CRC LT 40/70, Resin Coated Sand	68,569	469,949
18	100 Mesh, 100 Mesh, Bulk Sand	11,461	11,675
18	100 Mesh, 100 Mesh, Bulk Sand	23,408	35,083
18	100 Mesh, 100 Mesh, Bulk Sand	40,011	75,094
18	100 Mesh, 100 Mesh, Bulk Sand	61,328	136,422
18	100 Mesh, 100 Mesh, Bulk Sand	73,630	210,052
18	100 Mesh, 100 Mesh, Bulk Sand	78,953	289,005

18	100 Mesh, 100 Mesh, Bulk Sand	90,035	379,040
18	40/70, CRC LT 40/70, Resin Coated Sand	25,100	404,140
18	40/70, CRC LT 40/70, Resin Coated Sand	68,861	473,001
19	100 Mesh, 100 Mesh, Bulk Sand	11,679	11,680
19	100 Mesh, 100 Mesh, Bulk Sand	21,475	33,155
19	100 Mesh, 100 Mesh, Bulk Sand	39,408	72,563
19	100 Mesh, 100 Mesh, Bulk Sand	62,792	135,355
19	100 Mesh, 100 Mesh, Bulk Sand	72,797	208,152
19	100 Mesh, 100 Mesh, Bulk Sand	78,450	286,602
19	100 Mesh, 100 Mesh, Bulk Sand	84,482	371,084
19	40/70, CRC LT 40/70, Resin Coated Sand	28,934	400,018
19	40/70, CRC LT 40/70, Resin Coated Sand	66,924	466,942
20	100 Mesh, 100 Mesh, Bulk Sand	11,508	11,508
20	100 Mesh, 100 Mesh, Bulk Sand	21,473	32,981
20	100 Mesh, 100 Mesh, Bulk Sand	39,593	72,574
20	100 Mesh, 100 Mesh, Bulk Sand	61,201	133,775
20	100 Mesh, 100 Mesh, Bulk Sand	73,529	207,304
20	100 Mesh, 100 Mesh, Bulk Sand	78,996	286,300
20	100 Mesh, 100 Mesh, Bulk Sand	89,993	376,293
20	40/70, CRC LT 40/70, Resin Coated Sand	34,044	410,337
20	40/70, CRC LT 40/70, Resin Coated Sand	60,094	470,431
21	100 Mesh, 100 Mesh, Bulk Sand	11,514	11,527
21	100 Mesh, 100 Mesh, Bulk Sand	21,048	32,575
21	100 Mesh, 100 Mesh, Bulk Sand	40,065	72,640
21	100 Mesh, 100 Mesh, Bulk Sand	62,288	134,928
21	100 Mesh, 100 Mesh, Bulk Sand	74,849	209,777
21	100 Mesh, 100 Mesh, Bulk Sand	76,627	286,404
21	100 Mesh, 100 Mesh, Bulk Sand	90,800	377,204
21	40/70, CRC LT 40/70, Resin Coated Sand	24,085	401,289
21	40/70, CRC LT 40/70, Resin Coated Sand	69,791	471,080
22	100 Mesh, 100 Mesh, Bulk Sand	11,361	11,526
22	100 Mesh, 100 Mesh, Bulk Sand	20,950	32,476
22	100 Mesh, 100 Mesh, Bulk Sand	40,163	72,639
22	100 Mesh, 100 Mesh, Bulk Sand	61,230	133,869
22	100 Mesh, 100 Mesh, Bulk Sand	73,468	207,337
22	100 Mesh, 100 Mesh, Bulk Sand	79,152	286,489
22	100 Mesh, 100 Mesh, Bulk Sand	108,946	395,435
22	40/70, CRC LT 40/70, Resin Coated Sand	24,928	420,363
22	40/70, CRC LT 40/70, Resin Coated Sand	50,665	471,028
23	100 Mesh, 100 Mesh, Bulk Sand	11,437	11,500
23	100 Mesh, 100 Mesh, Bulk Sand	21,091	32,591
23	100 Mesh, 100 Mesh, Bulk Sand	40,009	72,600
23	100 Mesh, 100 Mesh, Bulk Sand	61,262	133,862
23	100 Mesh, 100 Mesh, Bulk Sand	73,647	207,509
23	100 Mesh, 100 Mesh, Bulk Sand	78,881	286,390
23	100 Mesh, 100 Mesh, Bulk Sand	89,831	376,221
23	40/70, CRC LT 40/70, Resin Coated Sand	25,073	401,294
23	40/70, CRC LT 40/70, Resin Coated Sand	69,034	470,328
24	100 Mesh, 100 Mesh, Bulk Sand	11,443	11,572
24	100 Mesh, 100 Mesh, Bulk Sand	21,011	32,583
24	100 Mesh, 100 Mesh, Bulk Sand	39,959	72,542

24	100 Mesh, 100 Mesh, Bulk Sand	61,348	133,890
24	100 Mesh, 100 Mesh, Bulk Sand	73,769	207,659
24	100 Mesh, 100 Mesh, Bulk Sand	79,174	286,833
24	100 Mesh, 100 Mesh, Bulk Sand	89,335	376,168
24	40/70, CRC LT 40/70, Resin Coated Sand	25,280	401,448
24	40/70, CRC LT 40/70, Resin Coated Sand	68,272	469,720
25	100 Mesh, 100 Mesh, Bulk Sand	10,737	10,741
25	100 Mesh, 100 Mesh, Bulk Sand	20,788	31,529
25	100 Mesh, 100 Mesh, Bulk Sand	40,680	72,209
25	100 Mesh, 100 Mesh, Bulk Sand	61,781	133,990
25	100 Mesh, 100 Mesh, Bulk Sand	73,664	207,654
25	100 Mesh, 100 Mesh, Bulk Sand	78,867	286,521
25	100 Mesh, 100 Mesh, Bulk Sand	91,422	377,943
25	40/70, CRC LT 40/70, Resin Coated Sand	24,577	402,520
25	40/70, CRC LT 40/70, Resin Coated Sand	62,214	464,734
26	100 Mesh, 100 Mesh, Bulk Sand	11,511	11,966
26	100 Mesh, 100 Mesh, Bulk Sand	20,601	32,567
26	100 Mesh, 100 Mesh, Bulk Sand	40,035	72,602
26	100 Mesh, 100 Mesh, Bulk Sand	61,278	133,880
26	100 Mesh, 100 Mesh, Bulk Sand	73,403	207,283
26	100 Mesh, 100 Mesh, Bulk Sand	79,047	286,330
26	100 Mesh, 100 Mesh, Bulk Sand	90,139	376,469
26	40/70, CRC LT 40/70, Resin Coated Sand	25,515	401,984
26	40/70, CRC LT 40/70, Resin Coated Sand	68,654	470,638
27	100 Mesh, 100 Mesh, Bulk Sand	11,977	12,027
27	100 Mesh, 100 Mesh, Bulk Sand	20,506	32,533
27	100 Mesh, 100 Mesh, Bulk Sand	39,781	72,314
27	100 Mesh, 100 Mesh, Bulk Sand	61,456	133,770
27	100 Mesh, 100 Mesh, Bulk Sand	73,587	207,357
27	100 Mesh, 100 Mesh, Bulk Sand	78,911	286,268
27	100 Mesh, 100 Mesh, Bulk Sand	90,133	376,401
27	40/70, CRC LT 40/70, Resin Coated Sand	25,327	401,728
27	40/70, CRC LT 40/70, Resin Coated Sand	68,729	470,457
28	100 Mesh, 100 Mesh, Bulk Sand	11,039	11,253
28	100 Mesh, 100 Mesh, Bulk Sand	21,224	32,477
28	100 Mesh, 100 Mesh, Bulk Sand	40,030	72,507
28	100 Mesh, 100 Mesh, Bulk Sand	61,185	133,692
28	100 Mesh, 100 Mesh, Bulk Sand	72,462	206,154
28	100 Mesh, 100 Mesh, Bulk Sand	78,979	285,133
28	100 Mesh, 100 Mesh, Bulk Sand	93,462	378,595
28	40/70, CRC LT 40/70, Resin Coated Sand	26,333	404,928
28	40/70, CRC LT 40/70, Resin Coated Sand	65,504	470,432
29	100 Mesh, 100 Mesh, Bulk Sand	12,377	12,393
29	100 Mesh, 100 Mesh, Bulk Sand	20,100	32,493
29	100 Mesh, 100 Mesh, Bulk Sand	40,037	72,530
29	100 Mesh, 100 Mesh, Bulk Sand	61,283	133,813
29	100 Mesh, 100 Mesh, Bulk Sand	73,458	207,271
29	100 Mesh, 100 Mesh, Bulk Sand	86,092	293,363
29	100 Mesh, 100 Mesh, Bulk Sand	83,897	377,260
29	40/70, CRC LT 40/70, Resin Coated Sand	25,605	402,865
29	40/70, CRC LT 40/70, Resin Coated Sand	67,621	470,486

30	100 Mesh, 100 Mesh, Bulk Sand	10,473	10,510
30	100 Mesh, 100 Mesh, Bulk Sand	21,954	32,464
30	100 Mesh, 100 Mesh, Bulk Sand	40,028	72,492
30	100 Mesh, 100 Mesh, Bulk Sand	61,221	133,713
30	100 Mesh, 100 Mesh, Bulk Sand	73,666	207,379
30	100 Mesh, 100 Mesh, Bulk Sand	85,034	292,413
30	100 Mesh, 100 Mesh, Bulk Sand	83,831	376,244
30	40/70, CRC LT 40/70, Resin Coated Sand	33,650	409,894
30	40/70, CRC LT 40/70, Resin Coated Sand	58,036	467,930
31	100 Mesh, 100 Mesh, Bulk Sand	11,531	11,556
31	100 Mesh, 100 Mesh, Bulk Sand	20,963	32,519
31	100 Mesh, 100 Mesh, Bulk Sand	39,989	72,508
31	100 Mesh, 100 Mesh, Bulk Sand	61,203	133,711
31	100 Mesh, 100 Mesh, Bulk Sand	73,630	207,341
31	100 Mesh, 100 Mesh, Bulk Sand	78,886	286,227
31	100 Mesh, 100 Mesh, Bulk Sand	90,117	376,344
31	40/70, CRC LT 40/70, Resin Coated Sand	26,834	403,178
31	40/70, CRC LT 40/70, Resin Coated Sand	63,248	466,426
32	100 Mesh, 100 Mesh, Bulk Sand	11,551	11,557
32	100 Mesh, 100 Mesh, Bulk Sand	21,004	32,561
32	100 Mesh, 100 Mesh, Bulk Sand	40,187	72,748
32	100 Mesh, 100 Mesh, Bulk Sand	63,369	136,117
32	100 Mesh, 100 Mesh, Bulk Sand	73,095	209,212
32	100 Mesh, 100 Mesh, Bulk Sand	77,646	286,858
32	100 Mesh, 100 Mesh, Bulk Sand	93,553	380,411
32	40/70, CRC LT 40/70, Resin Coated Sand	21,447	401,858
32	40/70, CRC LT 40/70, Resin Coated Sand	71,022	472,880
33	100 Mesh, 100 Mesh, Bulk Sand	14,465	14,465
33	100 Mesh, 100 Mesh, Bulk Sand	24,118	38,583
33	100 Mesh, 100 Mesh, Bulk Sand	34,781	73,364
33	100 Mesh, 100 Mesh, Bulk Sand	61,726	135,090
33	100 Mesh, 100 Mesh, Bulk Sand	73,067	208,157
33	100 Mesh, 100 Mesh, Bulk Sand	78,283	286,440
33	100 Mesh, 100 Mesh, Bulk Sand	89,878	376,318
33	40/70, CRC LT 40/70, Resin Coated Sand	27,646	403,964
33	40/70, CRC LT 40/70, Resin Coated Sand	74,666	478,630
34	100 Mesh, 100 Mesh, Bulk Sand	11,506	11,506
34	100 Mesh, 100 Mesh, Bulk Sand	21,015	32,521
34	100 Mesh, 100 Mesh, Bulk Sand	40,066	72,587
34	100 Mesh, 100 Mesh, Bulk Sand	61,215	133,802
34	100 Mesh, 100 Mesh, Bulk Sand	73,579	207,381
34	100 Mesh, 100 Mesh, Bulk Sand	78,943	286,324
34	100 Mesh, 100 Mesh, Bulk Sand	89,746	376,070
34	40/70, CRC LT 40/70, Resin Coated Sand	25,233	401,303
34	40/70, CRC LT 40/70, Resin Coated Sand	73,501	474,804
35	100 Mesh, 100 Mesh, Bulk Sand	11,764	11,764
35	100 Mesh, 100 Mesh, Bulk Sand	27,548	39,312
35	100 Mesh, 100 Mesh, Bulk Sand	39,686	78,998
35	100 Mesh, 100 Mesh, Bulk Sand	57,440	136,438
35	100 Mesh, 100 Mesh, Bulk Sand	70,825	207,263
35	100 Mesh, 100 Mesh, Bulk Sand	79,046	286,309

35	100 Mesh, 100 Mesh, Bulk Sand	89,828	376,137
35	40/70, CRC LT 40/70, Resin Coated Sand	25,172	401,309
35	40/70, CRC LT 40/70, Resin Coated Sand	72,246	473,555
36	100 Mesh, 100 Mesh, Bulk Sand	11,527	11,564
36	100 Mesh, 100 Mesh, Bulk Sand	21,170	32,734
36	100 Mesh, 100 Mesh, Bulk Sand	40,401	73,135
36	100 Mesh, 100 Mesh, Bulk Sand	61,606	134,741
36	100 Mesh, 100 Mesh, Bulk Sand	69,476	204,217
36	100 Mesh, 100 Mesh, Bulk Sand	82,123	286,340
36	100 Mesh, 100 Mesh, Bulk Sand	89,897	376,237
36	40/70, CRC LT 40/70, Resin Coated Sand	25,033	401,270
36	40/70, CRC LT 40/70, Resin Coated Sand	69,204	470,474
37	100 Mesh, 100 Mesh, Bulk Sand	11,410	11,410
37	100 Mesh, 100 Mesh, Bulk Sand	21,113	32,523
37	100 Mesh, 100 Mesh, Bulk Sand	40,007	72,530
37	100 Mesh, 100 Mesh, Bulk Sand	63,236	135,766
37	100 Mesh, 100 Mesh, Bulk Sand	71,685	207,451
37	100 Mesh, 100 Mesh, Bulk Sand	78,666	286,117
37	100 Mesh, 100 Mesh, Bulk Sand	90,114	376,231
37	40/70, CRC LT 40/70, Resin Coated Sand	25,907	402,138
37	40/70, CRC LT 40/70, Resin Coated Sand	74,024	476,162
38	100 Mesh, 100 Mesh, Bulk Sand	11,533	11,566
38	100 Mesh, 100 Mesh, Bulk Sand	20,980	32,546
38	100 Mesh, 100 Mesh, Bulk Sand	43,662	76,208
38	100 Mesh, 100 Mesh, Bulk Sand	57,658	133,866
38	100 Mesh, 100 Mesh, Bulk Sand	73,417	207,283
38	100 Mesh, 100 Mesh, Bulk Sand	79,043	286,326
38	100 Mesh, 100 Mesh, Bulk Sand	90,054	376,380
38	40/70, CRC LT 40/70, Resin Coated Sand	25,745	402,125
38	40/70, CRC LT 40/70, Resin Coated Sand	69,164	471,289
39	100 Mesh, 100 Mesh, Bulk Sand	11,480	11,503
39	100 Mesh, 100 Mesh, Bulk Sand	22,013	33,516
39	100 Mesh, 100 Mesh, Bulk Sand	40,878	74,394
39	100 Mesh, 100 Mesh, Bulk Sand	59,493	133,887
39	100 Mesh, 100 Mesh, Bulk Sand	73,642	207,529
39	100 Mesh, 100 Mesh, Bulk Sand	78,759	286,288
39	100 Mesh, 100 Mesh, Bulk Sand	90,308	376,596
39	40/70, CRC LT 40/70, Resin Coated Sand	25,849	402,445
39	40/70, CRC LT 40/70, Resin Coated Sand	67,955	470,400
40	100 Mesh, 100 Mesh, Bulk Sand	11,491	11,523
40	100 Mesh, 100 Mesh, Bulk Sand	21,051	32,574
40	100 Mesh, 100 Mesh, Bulk Sand	40,017	72,591
40	100 Mesh, 100 Mesh, Bulk Sand	62,676	135,267
40	100 Mesh, 100 Mesh, Bulk Sand	72,061	207,328
40	100 Mesh, 100 Mesh, Bulk Sand	79,017	286,345
40	100 Mesh, 100 Mesh, Bulk Sand	90,415	376,760
40	40/70, CRC LT 40/70, Resin Coated Sand	24,542	401,302
40	40/70, CRC LT 40/70, Resin Coated Sand	69,749	471,051
41	100 Mesh, 100 Mesh, Bulk Sand	11,927	11,948
41	100 Mesh, 100 Mesh, Bulk Sand	22,400	34,348
41	100 Mesh, 100 Mesh, Bulk Sand	40,209	74,557

41	100 Mesh, 100 Mesh, Bulk Sand	63,430	137,987
41	100 Mesh, 100 Mesh, Bulk Sand	69,280	207,267
41	100 Mesh, 100 Mesh, Bulk Sand	79,199	286,466
41	100 Mesh, 100 Mesh, Bulk Sand	89,649	376,115
41	40/70, CRC LT 40/70, Resin Coated Sand	25,386	401,501
41	40/70, CRC LT 40/70, Resin Coated Sand	73,228	474,729
42	100 Mesh, 100 Mesh, Bulk Sand	11,511	11,515
42	100 Mesh, 100 Mesh, Bulk Sand	21,052	32,567
42	100 Mesh, 100 Mesh, Bulk Sand	40,017	72,584
42	100 Mesh, 100 Mesh, Bulk Sand	61,259	133,843
42	100 Mesh, 100 Mesh, Bulk Sand	73,535	207,378
42	100 Mesh, 100 Mesh, Bulk Sand	79,162	286,540
42	100 Mesh, 100 Mesh, Bulk Sand	89,780	376,320
42	40/70, CRC LT 40/70, Resin Coated Sand	24,884	401,204
42	40/70, CRC LT 40/70, Resin Coated Sand	70,670	471,874
43	100 Mesh, 100 Mesh, Bulk Sand	11,643	11,807
43	100 Mesh, 100 Mesh, Bulk Sand	24,005	35,812
43	100 Mesh, 100 Mesh, Bulk Sand	39,368	75,180
43	100 Mesh, 100 Mesh, Bulk Sand	61,004	136,184
43	100 Mesh, 100 Mesh, Bulk Sand	71,140	207,324
43	100 Mesh, 100 Mesh, Bulk Sand	72,826	280,150
43	100 Mesh, 100 Mesh, Bulk Sand	86,152	366,302
43	40/70, CRC LT 40/70, Resin Coated Sand	34,986	401,288
43	40/70, CRC LT 40/70, Resin Coated Sand	71,626	472,914
44	100 Mesh, 100 Mesh, Bulk Sand	11,453	11,453
44	100 Mesh, 100 Mesh, Bulk Sand	21,107	32,560
44	100 Mesh, 100 Mesh, Bulk Sand	40,313	72,873
44	100 Mesh, 100 Mesh, Bulk Sand	60,906	133,779
44	100 Mesh, 100 Mesh, Bulk Sand	73,436	207,215
44	100 Mesh, 100 Mesh, Bulk Sand	82,522	289,737
44	100 Mesh, 100 Mesh, Bulk Sand	87,286	377,023
44	40/70, CRC LT 40/70, Resin Coated Sand	28,069	405,092
44	40/70, CRC LT 40/70, Resin Coated Sand	66,856	471,948
45	100 Mesh, 100 Mesh, Bulk Sand	11,518	11,522
45	100 Mesh, 100 Mesh, Bulk Sand	20,995	32,517
45	100 Mesh, 100 Mesh, Bulk Sand	42,491	75,008
45	100 Mesh, 100 Mesh, Bulk Sand	61,124	136,132
45	100 Mesh, 100 Mesh, Bulk Sand	72,329	208,461
45	100 Mesh, 100 Mesh, Bulk Sand	78,034	286,495
45	100 Mesh, 100 Mesh, Bulk Sand	90,200	376,695
45	40/70, CRC LT 40/70, Resin Coated Sand	24,952	401,647
45	40/70, CRC LT 40/70, Resin Coated Sand	69,768	471,415
46	100 Mesh, 100 Mesh, Bulk Sand	11,525	11,546
46	100 Mesh, 100 Mesh, Bulk Sand	20,869	32,415
46	100 Mesh, 100 Mesh, Bulk Sand	40,070	72,485
46	100 Mesh, 100 Mesh, Bulk Sand	61,238	133,723
46	100 Mesh, 100 Mesh, Bulk Sand	73,605	207,328
46	100 Mesh, 100 Mesh, Bulk Sand	78,376	285,704
46	100 Mesh, 100 Mesh, Bulk Sand	93,766	379,470
46	40/70, CRC LT 40/70, Resin Coated Sand	25,124	404,594
46	40/70, CRC LT 40/70, Resin Coated Sand	65,729	470,323

47	100 Mesh, 100 Mesh, Bulk Sand	11,521	11,532
47	100 Mesh, 100 Mesh, Bulk Sand	21,015	32,547
47	100 Mesh, 100 Mesh, Bulk Sand	41,451	73,998
47	100 Mesh, 100 Mesh, Bulk Sand	60,084	134,082
47	100 Mesh, 100 Mesh, Bulk Sand	73,239	207,321
47	100 Mesh, 100 Mesh, Bulk Sand	80,648	287,969
47	100 Mesh, 100 Mesh, Bulk Sand	88,246	376,215
47	40/70, CRC LT 40/70, Resin Coated Sand	25,933	402,148
47	40/70, CRC LT 40/70, Resin Coated Sand	68,230	470,378
48	100 Mesh, 100 Mesh, Bulk Sand	11,560	11,588
48	100 Mesh, 100 Mesh, Bulk Sand	21,683	33,271
48	100 Mesh, 100 Mesh, Bulk Sand	39,877	73,148
48	100 Mesh, 100 Mesh, Bulk Sand	62,602	135,750
48	100 Mesh, 100 Mesh, Bulk Sand	71,838	207,588
48	100 Mesh, 100 Mesh, Bulk Sand	80,258	287,846
48	100 Mesh, 100 Mesh, Bulk Sand	88,470	376,316
48	40/70, CRC LT 40/70, Resin Coated Sand	25,002	401,318
48	40/70, CRC LT 40/70, Resin Coated Sand	71,452	472,770
49	100 Mesh, 100 Mesh, Bulk Sand	11,581	11,595
49	100 Mesh, 100 Mesh, Bulk Sand	21,263	32,858
49	100 Mesh, 100 Mesh, Bulk Sand	39,780	72,638
49	100 Mesh, 100 Mesh, Bulk Sand	62,529	135,167
49	100 Mesh, 100 Mesh, Bulk Sand	72,920	208,087
49	100 Mesh, 100 Mesh, Bulk Sand	80,065	288,152
49	100 Mesh, 100 Mesh, Bulk Sand	90,134	378,286
49	40/70, CRC LT 40/70, Resin Coated Sand	22,999	401,285
49	40/70, CRC LT 40/70, Resin Coated Sand	71,634	472,919
50	100 Mesh, 100 Mesh, Bulk Sand	11,556	11,560
50	100 Mesh, 100 Mesh, Bulk Sand	20,961	32,521
50	100 Mesh, 100 Mesh, Bulk Sand	40,076	72,597
50	100 Mesh, 100 Mesh, Bulk Sand	61,206	133,803
50	100 Mesh, 100 Mesh, Bulk Sand	73,517	207,320
50	100 Mesh, 100 Mesh, Bulk Sand	78,995	286,315
50	100 Mesh, 100 Mesh, Bulk Sand	91,546	377,861
50	40/70, CRC LT 40/70, Resin Coated Sand	23,411	401,272
50	40/70, CRC LT 40/70, Resin Coated Sand	69,473	470,745