

Hydraulic Fracturing Fluid Product Component Information Disclosure

Fracture Date:	3/12/2018
State:	New Mexico
County:	Eddy
API Number:	3001543937
Operator Name:	CHEVRON - PERMIAN BASIN-EBUS
Well Name and Number:	HH SO 10 P3 SH
Longitude:	-104.1797781
Latitude:	32.06549111
Long/Lat Projection:	
Indian/Federal:	none
Production Type:	
True Vertical Depth (TVD):	9,851
Total Water Volume (gal):	20,787,420

30-015-43937

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%	87.36213%	172908734	Density = 8.330					
BA-20 BUFFERING AGENT	Halliburton	Buffer	Listed Below	Listed Below			0	NA					
Ca-Web(TM) II	Halliburton	Clay Stabilizer	Listed Below	Listed Below			0	NA					
HAU-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Listed Below	Listed Below			0	NA					
HCL >10%	Halliburton	Solvent	Listed Below	Listed Below			0	NA					
MC B-9826	Halliburton	Blocker	Listed Below	Listed Below			0	NA					
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Listed Below	Listed Below			0	NA					
OptiGreen-WF(TM)	Halliburton	Concentrate	Listed Below	Listed Below			0	NA					
SAND-COMMON WHITE-100 MESH, SSA-2, BULK (100003678)	Halliburton	Proppant	Listed Below	Listed Below			0	NA					
SAND-CRC-20/40, 100 LB SACK	Halliburton	Proppant	Listed Below	Listed Below			0	NA					
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Listed Below	Listed Below			0	NA					
CORRSORB 3600	Baker Hughes	Corrosion Inhibitor	Listed Below	Listed Below			0	NA					
FDP-S1225-15	Halliburton	Surfactant	Listed Below	Listed Below			0	NA					
FIGHTER 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	30.00%	0.00201%	3969						
			Acid phosphate ester	Trade Secret	10.00%	0.00025%	500	Denise Tuck, Halliburton, 3000 N. Sam Houston Pkwy E., Houston, TX 77032, 281-871-8226	Baker Hughes	N/A	N/A	N/A	281-351-8131
			Amine	Proprietary	0.10%	0.00003%	53		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-871-8226
			Amine salts	Proprietary	1.00%	0.00029%	580		Halliburton	Denise	Tuck	Denise.Tuck@Halliburton.com	281-871-8226

HH SO 10 P3 8H**30-015-43937**

Interval Number	Link to Proppant	Proppant Mass (lb)	Cum Proppant Mass (lb)
1	100 Mesh, 100 Mesh, Bulk Sand	11,434	11,473
1	100 Mesh, 100 Mesh, Bulk Sand	21,053	32,526
1	100 Mesh, 100 Mesh, Bulk Sand	39,973	72,499
1	100 Mesh, 100 Mesh, Bulk Sand	61,350	133,849
1	100 Mesh, 100 Mesh, Bulk Sand	73,420	207,269
1	100 Mesh, 100 Mesh, Bulk Sand	79,630	286,899
1	100 Mesh, 100 Mesh, Bulk Sand	89,280	376,179
1	40/70, CRC LT 40/70, Resin Coated Sand	25,103	401,282
1	40/70, CRC LT 40/70, Resin Coated Sand	71,092	472,374
2	100 Mesh, 100 Mesh, Bulk Sand	12,602	12,740
2	100 Mesh, 100 Mesh, Bulk Sand	20,712	33,452
2	100 Mesh, 100 Mesh, Bulk Sand	39,055	72,507
2	100 Mesh, 100 Mesh, Bulk Sand	60,578	133,085
2	100 Mesh, 100 Mesh, Bulk Sand	66,999	200,084
2	100 Mesh, 100 Mesh, Bulk Sand	77,059	277,143
2	100 Mesh, 100 Mesh, Bulk Sand	80,954	358,097
2	40/70, CRC LT 40/70, Resin Coated Sand	43,200	401,297
2	40/70, CRC LT 40/70, Resin Coated Sand	73,640	474,937
3	100 Mesh, 100 Mesh, Bulk Sand	11,343	11,460
3	100 Mesh, 100 Mesh, Bulk Sand	21,060	32,520
3	100 Mesh, 100 Mesh, Bulk Sand	40,045	72,565
3	100 Mesh, 100 Mesh, Bulk Sand	61,694	134,259
3	100 Mesh, 100 Mesh, Bulk Sand	72,962	207,221
3	100 Mesh, 100 Mesh, Bulk Sand	79,246	286,467
3	100 Mesh, 100 Mesh, Bulk Sand	89,724	376,191
3	40/70, CRC LT 40/70, Resin Coated Sand	25,104	401,295
3	40/70, CRC LT 40/70, Resin Coated Sand	69,094	470,389
7	100 Mesh, 100 Mesh, Bulk Sand	11,414	11,719
7	100 Mesh, 100 Mesh, Bulk Sand	20,783	32,502
7	100 Mesh, 100 Mesh, Bulk Sand	40,101	72,603
7	100 Mesh, 100 Mesh, Bulk Sand	61,101	133,704
7	100 Mesh, 100 Mesh, Bulk Sand	74,174	207,878
7	100 Mesh, 100 Mesh, Bulk Sand	78,442	286,320
7	100 Mesh, 100 Mesh, Bulk Sand	90,626	376,946
7	40/70, CRC LT 40/70, Resin Coated Sand	24,885	401,831
7	40/70, CRC LT 40/70, Resin Coated Sand	67,079	468,910
8	100 Mesh, 100 Mesh, Bulk Sand	11,195	11,513
8	100 Mesh, 100 Mesh, Bulk Sand	20,990	32,503
8	100 Mesh, 100 Mesh, Bulk Sand	39,972	72,475
8	100 Mesh, 100 Mesh, Bulk Sand	61,298	133,773
8	100 Mesh, 100 Mesh, Bulk Sand	73,566	207,339
8	100 Mesh, 100 Mesh, Bulk Sand	78,864	286,203
8	100 Mesh, 100 Mesh, Bulk Sand	90,012	376,215
8	40/70, CRC LT 40/70, Resin Coated Sand	25,044	401,259
8	40/70, CRC LT 40/70, Resin Coated Sand	69,124	470,383
9	100 Mesh, 100 Mesh, Bulk Sand	11,402	11,518
9	100 Mesh, 100 Mesh, Bulk Sand	20,990	32,508
9	100 Mesh, 100 Mesh, Bulk Sand	40,049	72,557

9	100 Mesh, 100 Mesh, Bulk Sand	61,219	133,776
9	100 Mesh, 100 Mesh, Bulk Sand	73,531	207,307
9	100 Mesh, 100 Mesh, Bulk Sand	78,927	286,234
9	100 Mesh, 100 Mesh, Bulk Sand	90,006	376,240
9	40/70, CRC LT 40/70, Resin Coated Sand	25,163	401,403
9	40/70, CRC LT 40/70, Resin Coated Sand	68,533	469,936
10	100 Mesh, 100 Mesh, Bulk Sand	11,326	11,387
10	100 Mesh, 100 Mesh, Bulk Sand	21,158	32,545
10	100 Mesh, 100 Mesh, Bulk Sand	40,002	72,547
10	100 Mesh, 100 Mesh, Bulk Sand	61,260	133,807
10	100 Mesh, 100 Mesh, Bulk Sand	73,513	207,320
10	100 Mesh, 100 Mesh, Bulk Sand	79,266	286,586
10	100 Mesh, 100 Mesh, Bulk Sand	61,236	347,822
10	40/70, CRC LT 40/70, Resin Coated Sand	25,008	372,830
10	40/70, CRC LT 40/70, Resin Coated Sand	61,816	434,646
11	100 Mesh, 100 Mesh, Bulk Sand	11,512	11,554
11	100 Mesh, 100 Mesh, Bulk Sand	20,976	32,530
11	100 Mesh, 100 Mesh, Bulk Sand	40,025	72,555
11	100 Mesh, 100 Mesh, Bulk Sand	60,765	133,320
11	100 Mesh, 100 Mesh, Bulk Sand	73,913	207,233
11	100 Mesh, 100 Mesh, Bulk Sand	79,075	286,308
11	100 Mesh, 100 Mesh, Bulk Sand	90,105	376,413
11	40/70, CRC LT 40/70, Resin Coated Sand	24,722	401,135
11	40/70, CRC LT 40/70, Resin Coated Sand	69,448	470,583
12	100 Mesh, 100 Mesh, Bulk Sand	11,930	12,061
12	100 Mesh, 100 Mesh, Bulk Sand	21,097	33,158
12	100 Mesh, 100 Mesh, Bulk Sand	40,056	73,214
12	100 Mesh, 100 Mesh, Bulk Sand	60,778	133,992
12	100 Mesh, 100 Mesh, Bulk Sand	73,392	207,384
12	100 Mesh, 100 Mesh, Bulk Sand	78,474	285,858
12	100 Mesh, 100 Mesh, Bulk Sand	95,341	381,199
12	40/70, CRC LT 40/70, Resin Coated Sand	25,436	406,635
12	40/70, CRC LT 40/70, Resin Coated Sand	66,018	472,653
13	100 Mesh, 100 Mesh, Bulk Sand	11,827	11,861
13	100 Mesh, 100 Mesh, Bulk Sand	20,645	32,506
13	100 Mesh, 100 Mesh, Bulk Sand	40,061	72,567
13	100 Mesh, 100 Mesh, Bulk Sand	61,710	134,277
13	100 Mesh, 100 Mesh, Bulk Sand	73,802	208,079
13	100 Mesh, 100 Mesh, Bulk Sand	78,167	286,246
13	100 Mesh, 100 Mesh, Bulk Sand	91,490	377,736
13	40/70, CRC LT 40/70, Resin Coated Sand	25,728	403,464
13	40/70, CRC LT 40/70, Resin Coated Sand	66,948	470,412
14	100 Mesh, 100 Mesh, Bulk Sand	11,465	11,541
14	100 Mesh, 100 Mesh, Bulk Sand	21,198	32,739
14	100 Mesh, 100 Mesh, Bulk Sand	39,946	72,685
14	100 Mesh, 100 Mesh, Bulk Sand	61,147	133,832
14	100 Mesh, 100 Mesh, Bulk Sand	73,459	207,291
14	100 Mesh, 100 Mesh, Bulk Sand	79,430	286,721
14	100 Mesh, 100 Mesh, Bulk Sand	90,055	376,776
14	40/70, CRC LT 40/70, Resin Coated Sand	24,486	401,262
14	40/70, CRC LT 40/70, Resin Coated Sand	71,602	472,864

15	100 Mesh, 100 Mesh, Bulk Sand	23,249	61,265
15	100 Mesh, 100 Mesh, Bulk Sand	29,258	90,523
15	100 Mesh, 100 Mesh, Bulk Sand	41,799	132,322
15	100 Mesh, 100 Mesh, Bulk Sand	51,429	183,751
15	100 Mesh, 100 Mesh, Bulk Sand	51,849	235,600
15	100 Mesh, 100 Mesh, Bulk Sand	48,658	284,258
15	100 Mesh, 100 Mesh, Bulk Sand	100,976	385,234
15	40/70, CRC LT 40/70, Resin Coated Sand	16,741	401,975
15	40/70, CRC LT 40/70, Resin Coated Sand	73,358	475,333
16	100 Mesh, 100 Mesh, Bulk Sand	11,497	11,534
16	100 Mesh, 100 Mesh, Bulk Sand	21,032	32,566
16	100 Mesh, 100 Mesh, Bulk Sand	39,947	72,513
16	100 Mesh, 100 Mesh, Bulk Sand	61,273	133,786
16	100 Mesh, 100 Mesh, Bulk Sand	73,456	207,242
16	100 Mesh, 100 Mesh, Bulk Sand	78,982	286,224
16	100 Mesh, 100 Mesh, Bulk Sand	90,179	376,403
16	40/70, CRC LT 40/70, Resin Coated Sand	25,067	401,470
16	40/70, CRC LT 40/70, Resin Coated Sand	66,650	468,120
17	100 Mesh, 100 Mesh, Bulk Sand	11,226	11,525
17	100 Mesh, 100 Mesh, Bulk Sand	21,273	32,798
17	100 Mesh, 100 Mesh, Bulk Sand	40,411	73,209
17	100 Mesh, 100 Mesh, Bulk Sand	60,524	133,733
17	100 Mesh, 100 Mesh, Bulk Sand	73,565	207,298
17	100 Mesh, 100 Mesh, Bulk Sand	79,063	286,361
17	100 Mesh, 100 Mesh, Bulk Sand	90,343	376,704
17	40/70, CRC LT 40/70, Resin Coated Sand	26,043	402,747
17	40/70, CRC LT 40/70, Resin Coated Sand	67,910	470,657
18	100 Mesh, 100 Mesh, Bulk Sand	11,453	11,622
18	100 Mesh, 100 Mesh, Bulk Sand	20,992	32,614
18	100 Mesh, 100 Mesh, Bulk Sand	40,048	72,662
18	100 Mesh, 100 Mesh, Bulk Sand	61,914	134,576
18	100 Mesh, 100 Mesh, Bulk Sand	72,725	207,301
18	100 Mesh, 100 Mesh, Bulk Sand	79,725	287,026
18	100 Mesh, 100 Mesh, Bulk Sand	95,838	382,864
18	40/70, CRC LT 40/70, Resin Coated Sand	25,511	408,375
18	40/70, CRC LT 40/70, Resin Coated Sand	65,803	474,178
19	100 Mesh, 100 Mesh, Bulk Sand	11,078	11,540
19	100 Mesh, 100 Mesh, Bulk Sand	20,985	32,525
19	100 Mesh, 100 Mesh, Bulk Sand	40,009	72,534
19	100 Mesh, 100 Mesh, Bulk Sand	61,560	134,094
19	100 Mesh, 100 Mesh, Bulk Sand	73,237	207,331
19	100 Mesh, 100 Mesh, Bulk Sand	79,152	286,483
19	100 Mesh, 100 Mesh, Bulk Sand	89,739	376,222
19	40/70, CRC LT 40/70, Resin Coated Sand	25,423	401,645
19	40/70, CRC LT 40/70, Resin Coated Sand	68,813	470,458
20	100 Mesh, 100 Mesh, Bulk Sand	11,369	11,527
20	100 Mesh, 100 Mesh, Bulk Sand	21,022	32,549
20	100 Mesh, 100 Mesh, Bulk Sand	40,016	72,565
20	100 Mesh, 100 Mesh, Bulk Sand	63,690	136,255
20	100 Mesh, 100 Mesh, Bulk Sand	71,229	207,484
20	100 Mesh, 100 Mesh, Bulk Sand	80,823	288,307

20	100 Mesh, 100 Mesh, Bulk Sand	91,814	380,121
20	40/70, CRC LT 40/70, Resin Coated Sand	25,276	405,397
20	40/70, CRC LT 40/70, Resin Coated Sand	67,165	472,562
21	100 Mesh, 100 Mesh, Bulk Sand	11,419	11,538
21	100 Mesh, 100 Mesh, Bulk Sand	21,094	32,632
21	100 Mesh, 100 Mesh, Bulk Sand	39,987	72,619
21	100 Mesh, 100 Mesh, Bulk Sand	61,204	133,823
21	100 Mesh, 100 Mesh, Bulk Sand	73,559	207,382
21	100 Mesh, 100 Mesh, Bulk Sand	79,134	286,516
21	100 Mesh, 100 Mesh, Bulk Sand	92,617	379,133
21	40/70, CRC LT 40/70, Resin Coated Sand	28,230	407,363
21	40/70, CRC LT 40/70, Resin Coated Sand	64,695	472,058
22	100 Mesh, 100 Mesh, Bulk Sand	11,590	11,643
22	100 Mesh, 100 Mesh, Bulk Sand	20,102	31,745
22	100 Mesh, 100 Mesh, Bulk Sand	38,234	69,979
22	100 Mesh, 100 Mesh, Bulk Sand	60,012	129,991
22	100 Mesh, 100 Mesh, Bulk Sand	72,448	202,439
22	100 Mesh, 100 Mesh, Bulk Sand	83,914	286,353
22	100 Mesh, 100 Mesh, Bulk Sand	91,238	377,591
22	40/70, CRC LT 40/70, Resin Coated Sand	24,341	401,932
22	40/70, CRC LT 40/70, Resin Coated Sand	67,882	469,814
23	100 Mesh, 100 Mesh, Bulk Sand	11,660	11,712
23	100 Mesh, 100 Mesh, Bulk Sand	21,787	33,499
23	100 Mesh, 100 Mesh, Bulk Sand	39,118	72,617
23	100 Mesh, 100 Mesh, Bulk Sand	61,192	133,809
23	100 Mesh, 100 Mesh, Bulk Sand	73,416	207,225
23	100 Mesh, 100 Mesh, Bulk Sand	79,062	286,287
23	100 Mesh, 100 Mesh, Bulk Sand	90,794	377,081
23	40/70, CRC LT 40/70, Resin Coated Sand	24,213	401,294
23	40/70, CRC LT 40/70, Resin Coated Sand	71,170	472,464
24	100 Mesh, 100 Mesh, Bulk Sand	12,520	12,628
24	100 Mesh, 100 Mesh, Bulk Sand	19,910	32,538
24	100 Mesh, 100 Mesh, Bulk Sand	40,043	72,581
24	100 Mesh, 100 Mesh, Bulk Sand	61,203	133,784
24	100 Mesh, 100 Mesh, Bulk Sand	73,559	207,343
24	100 Mesh, 100 Mesh, Bulk Sand	78,917	286,260
24	100 Mesh, 100 Mesh, Bulk Sand	89,997	376,257
24	40/70, CRC LT 40/70, Resin Coated Sand	25,072	401,329
24	40/70, CRC LT 40/70, Resin Coated Sand	66,757	468,086
25	100 Mesh, 100 Mesh, Bulk Sand	10,810	10,847
25	100 Mesh, 100 Mesh, Bulk Sand	21,513	32,360
25	100 Mesh, 100 Mesh, Bulk Sand	39,875	72,235
25	100 Mesh, 100 Mesh, Bulk Sand	61,092	133,327
25	100 Mesh, 100 Mesh, Bulk Sand	73,207	206,534
25	100 Mesh, 100 Mesh, Bulk Sand	78,962	285,496
25	100 Mesh, 100 Mesh, Bulk Sand	90,183	375,679
25	40/70, CRC LT 40/70, Resin Coated Sand	26,181	401,860
25	40/70, CRC LT 40/70, Resin Coated Sand	68,123	469,983
26	100 Mesh, 100 Mesh, Bulk Sand	11,462	11,552
26	100 Mesh, 100 Mesh, Bulk Sand	21,038	32,590
26	100 Mesh, 100 Mesh, Bulk Sand	39,972	72,562

26	100 Mesh, 100 Mesh, Bulk Sand	61,245	133,807
26	100 Mesh, 100 Mesh, Bulk Sand	75,025	208,832
26	100 Mesh, 100 Mesh, Bulk Sand	77,575	286,407
26	100 Mesh, 100 Mesh, Bulk Sand	89,840	376,247
26	40/70, CRC LT 40/70, Resin Coated Sand	25,141	401,388
26	40/70, CRC LT 40/70, Resin Coated Sand	68,359	469,747
27	100 Mesh, 100 Mesh, Bulk Sand	11,555	11,573
27	100 Mesh, 100 Mesh, Bulk Sand	21,045	32,618
27	100 Mesh, 100 Mesh, Bulk Sand	39,931	72,549
27	100 Mesh, 100 Mesh, Bulk Sand	61,279	133,828
27	100 Mesh, 100 Mesh, Bulk Sand	73,405	207,233
27	100 Mesh, 100 Mesh, Bulk Sand	79,019	286,252
27	100 Mesh, 100 Mesh, Bulk Sand	90,099	376,351
27	40/70, CRC LT 40/70, Resin Coated Sand	24,938	401,289
27	40/70, CRC LT 40/70, Resin Coated Sand	69,111	470,400
28	100 Mesh, 100 Mesh, Bulk Sand	11,443	11,452
28	100 Mesh, 100 Mesh, Bulk Sand	21,061	32,513
28	100 Mesh, 100 Mesh, Bulk Sand	41,491	74,004
28	100 Mesh, 100 Mesh, Bulk Sand	59,732	133,736
28	100 Mesh, 100 Mesh, Bulk Sand	73,515	207,251
28	100 Mesh, 100 Mesh, Bulk Sand	84,619	291,870
28	100 Mesh, 100 Mesh, Bulk Sand	100,491	392,361
28	40/70, CRC LT 40/70, Resin Coated Sand	24,479	416,840
28	40/70, CRC LT 40/70, Resin Coated Sand	58,996	475,836
29	100 Mesh, 100 Mesh, Bulk Sand	11,547	11,547
29	100 Mesh, 100 Mesh, Bulk Sand	21,100	32,647
29	100 Mesh, 100 Mesh, Bulk Sand	39,905	72,552
29	100 Mesh, 100 Mesh, Bulk Sand	61,141	133,693
29	100 Mesh, 100 Mesh, Bulk Sand	73,906	207,599
29	100 Mesh, 100 Mesh, Bulk Sand	78,699	286,298
29	100 Mesh, 100 Mesh, Bulk Sand	90,061	376,359
29	40/70, CRC LT 40/70, Resin Coated Sand	25,257	401,616
29	40/70, CRC LT 40/70, Resin Coated Sand	68,616	470,232
30	100 Mesh, 100 Mesh, Bulk Sand	10,311	10,447
30	100 Mesh, 100 Mesh, Bulk Sand	22,042	32,489
30	100 Mesh, 100 Mesh, Bulk Sand	40,036	72,525
30	100 Mesh, 100 Mesh, Bulk Sand	61,125	133,650
30	100 Mesh, 100 Mesh, Bulk Sand	73,583	207,233
30	100 Mesh, 100 Mesh, Bulk Sand	78,904	286,137
30	100 Mesh, 100 Mesh, Bulk Sand	90,401	376,538
30	40/70, CRC LT 40/70, Resin Coated Sand	24,641	401,179
30	40/70, CRC LT 40/70, Resin Coated Sand	69,653	470,832
31	100 Mesh, 100 Mesh, Bulk Sand	11,491	11,494
31	100 Mesh, 100 Mesh, Bulk Sand	20,983	32,477
31	100 Mesh, 100 Mesh, Bulk Sand	40,086	72,563
31	100 Mesh, 100 Mesh, Bulk Sand	61,970	134,533
31	100 Mesh, 100 Mesh, Bulk Sand	78,889	213,422
31	100 Mesh, 100 Mesh, Bulk Sand	76,785	290,207
31	100 Mesh, 100 Mesh, Bulk Sand	86,109	376,316
31	40/70, CRC LT 40/70, Resin Coated Sand	27,539	403,855
31	40/70, CRC LT 40/70, Resin Coated Sand	67,061	470,916

32	100 Mesh, 100 Mesh, Bulk Sand	12,224	12,224
32	100 Mesh, 100 Mesh, Bulk Sand	20,580	32,804
32	100 Mesh, 100 Mesh, Bulk Sand	44,173	76,977
32	100 Mesh, 100 Mesh, Bulk Sand	61,173	138,150
32	100 Mesh, 100 Mesh, Bulk Sand	70,261	208,411
32	100 Mesh, 100 Mesh, Bulk Sand	78,281	286,692
32	100 Mesh, 100 Mesh, Bulk Sand	87,115	373,807
32	40/70, CRC LT 40/70, Resin Coated Sand	26,704	400,511
32	40/70, CRC LT 40/70, Resin Coated Sand	72,671	473,182
33	100 Mesh, 100 Mesh, Bulk Sand	12,676	12,772
33	100 Mesh, 100 Mesh, Bulk Sand	21,054	33,826
33	100 Mesh, 100 Mesh, Bulk Sand	40,444	74,270
33	100 Mesh, 100 Mesh, Bulk Sand	62,249	136,519
33	100 Mesh, 100 Mesh, Bulk Sand	70,358	206,877
33	100 Mesh, 100 Mesh, Bulk Sand	75,569	282,446
33	100 Mesh, 100 Mesh, Bulk Sand	89,034	371,480
33	40/70, CRC LT 40/70, Resin Coated Sand	32,724	404,204
33	40/70, CRC LT 40/70, Resin Coated Sand	69,000	473,204
34	100 Mesh, 100 Mesh, Bulk Sand	11,626	11,644
34	100 Mesh, 100 Mesh, Bulk Sand	21,428	33,072
34	100 Mesh, 100 Mesh, Bulk Sand	37,795	70,867
34	100 Mesh, 100 Mesh, Bulk Sand	61,711	132,578
34	100 Mesh, 100 Mesh, Bulk Sand	74,787	207,365
34	100 Mesh, 100 Mesh, Bulk Sand	80,248	287,613
34	100 Mesh, 100 Mesh, Bulk Sand	89,076	376,689
34	40/70, CRC LT 40/70, Resin Coated Sand	26,758	403,447
34	40/70, CRC LT 40/70, Resin Coated Sand	69,914	473,361
35	100 Mesh, 100 Mesh, Bulk Sand	11,267	11,438
35	100 Mesh, 100 Mesh, Bulk Sand	21,929	33,367
35	100 Mesh, 100 Mesh, Bulk Sand	42,274	75,641
35	100 Mesh, 100 Mesh, Bulk Sand	61,509	137,150
35	100 Mesh, 100 Mesh, Bulk Sand	76,781	213,931
35	100 Mesh, 100 Mesh, Bulk Sand	88,230	302,161
35	100 Mesh, 100 Mesh, Bulk Sand	82,414	384,575
35	40/70, CRC LT 40/70, Resin Coated Sand	25,515	410,090
35	40/70, CRC LT 40/70, Resin Coated Sand	60,958	471,048
36	100 Mesh, 100 Mesh, Bulk Sand	11,914	12,028
36	100 Mesh, 100 Mesh, Bulk Sand	20,589	32,617
36	100 Mesh, 100 Mesh, Bulk Sand	40,021	72,638
36	100 Mesh, 100 Mesh, Bulk Sand	63,468	136,106
36	100 Mesh, 100 Mesh, Bulk Sand	71,275	207,381
36	100 Mesh, 100 Mesh, Bulk Sand	78,933	286,314
36	100 Mesh, 100 Mesh, Bulk Sand	89,941	376,255
36	40/70, CRC LT 40/70, Resin Coated Sand	25,255	401,510
36	40/70, CRC LT 40/70, Resin Coated Sand	62,171	463,681
37	100 Mesh, 100 Mesh, Bulk Sand	11,499	11,508
37	100 Mesh, 100 Mesh, Bulk Sand	21,317	32,825
37	100 Mesh, 100 Mesh, Bulk Sand	39,761	72,586
37	100 Mesh, 100 Mesh, Bulk Sand	62,328	134,914
37	100 Mesh, 100 Mesh, Bulk Sand	72,389	207,303
37	100 Mesh, 100 Mesh, Bulk Sand	79,064	286,367

37	100 Mesh, 100 Mesh, Bulk Sand	90,045	376,412
37	40/70, CRC LT 40/70, Resin Coated Sand	24,887	401,299
37	40/70, CRC LT 40/70, Resin Coated Sand	69,184	470,483
38	100 Mesh, 100 Mesh, Bulk Sand	11,492	11,503
38	100 Mesh, 100 Mesh, Bulk Sand	21,187	32,690
38	100 Mesh, 100 Mesh, Bulk Sand	39,848	72,538
38	100 Mesh, 100 Mesh, Bulk Sand	60,765	133,303
38	100 Mesh, 100 Mesh, Bulk Sand	74,340	207,643
38	100 Mesh, 100 Mesh, Bulk Sand	78,563	286,206
38	100 Mesh, 100 Mesh, Bulk Sand	91,078	377,284
38	40/70, CRC LT 40/70, Resin Coated Sand	27,413	404,697
38	40/70, CRC LT 40/70, Resin Coated Sand	66,324	471,021
39	100 Mesh, 100 Mesh, Bulk Sand	11,570	11,570
39	100 Mesh, 100 Mesh, Bulk Sand	20,978	32,548
39	100 Mesh, 100 Mesh, Bulk Sand	40,012	72,560
39	100 Mesh, 100 Mesh, Bulk Sand	61,290	133,850
39	100 Mesh, 100 Mesh, Bulk Sand	73,930	207,780
39	100 Mesh, 100 Mesh, Bulk Sand	78,631	286,411
39	100 Mesh, 100 Mesh, Bulk Sand	90,059	376,470
39	40/70, CRC LT 40/70, Resin Coated Sand	25,480	401,950
39	40/70, CRC LT 40/70, Resin Coated Sand	71,052	473,002
40	100 Mesh, 100 Mesh, Bulk Sand	11,501	11,519
40	100 Mesh, 100 Mesh, Bulk Sand	20,987	32,506
40	100 Mesh, 100 Mesh, Bulk Sand	40,050	72,556
40	100 Mesh, 100 Mesh, Bulk Sand	61,309	133,865
40	100 Mesh, 100 Mesh, Bulk Sand	73,417	207,282
40	100 Mesh, 100 Mesh, Bulk Sand	79,034	286,316
40	100 Mesh, 100 Mesh, Bulk Sand	89,991	376,307
40	40/70, CRC LT 40/70, Resin Coated Sand	24,926	401,233
40	40/70, CRC LT 40/70, Resin Coated Sand	69,185	470,418
41	100 Mesh, 100 Mesh, Bulk Sand	11,320	11,528
41	100 Mesh, 100 Mesh, Bulk Sand	22,008	33,536
41	100 Mesh, 100 Mesh, Bulk Sand	39,066	72,602
41	100 Mesh, 100 Mesh, Bulk Sand	61,853	134,455
41	100 Mesh, 100 Mesh, Bulk Sand	72,907	207,362
41	100 Mesh, 100 Mesh, Bulk Sand	79,041	286,403
41	100 Mesh, 100 Mesh, Bulk Sand	89,908	376,311
41	40/70, CRC LT 40/70, Resin Coated Sand	24,954	401,265
41	40/70, CRC LT 40/70, Resin Coated Sand	69,182	470,447
42	100 Mesh, 100 Mesh, Bulk Sand	11,433	11,500
42	100 Mesh, 100 Mesh, Bulk Sand	21,087	32,587
42	100 Mesh, 100 Mesh, Bulk Sand	39,982	72,569
42	100 Mesh, 100 Mesh, Bulk Sand	62,023	134,592
42	100 Mesh, 100 Mesh, Bulk Sand	72,779	207,371
42	100 Mesh, 100 Mesh, Bulk Sand	78,955	286,326
42	100 Mesh, 100 Mesh, Bulk Sand	90,052	376,378
42	40/70, CRC LT 40/70, Resin Coated Sand	27,795	404,173
42	40/70, CRC LT 40/70, Resin Coated Sand	66,319	470,492
43	100 Mesh, 100 Mesh, Bulk Sand	11,508	11,511
43	100 Mesh, 100 Mesh, Bulk Sand	21,094	32,605
43	100 Mesh, 100 Mesh, Bulk Sand	39,876	72,481

43	100 Mesh, 100 Mesh, Bulk Sand	61,401	133,882
43	100 Mesh, 100 Mesh, Bulk Sand	73,373	207,255
43	100 Mesh, 100 Mesh, Bulk Sand	79,012	286,267
43	100 Mesh, 100 Mesh, Bulk Sand	89,963	376,230
43	40/70, CRC LT 40/70, Resin Coated Sand	31,514	407,744
43	40/70, CRC LT 40/70, Resin Coated Sand	62,487	470,231
44	100 Mesh, 100 Mesh, Bulk Sand	11,533	11,585
44	100 Mesh, 100 Mesh, Bulk Sand	21,151	32,736
44	100 Mesh, 100 Mesh, Bulk Sand	39,858	72,594
44	100 Mesh, 100 Mesh, Bulk Sand	61,244	133,838
44	100 Mesh, 100 Mesh, Bulk Sand	73,615	207,453
44	100 Mesh, 100 Mesh, Bulk Sand	80,231	287,684
44	100 Mesh, 100 Mesh, Bulk Sand	88,981	376,665
44	40/70, CRC LT 40/70, Resin Coated Sand	24,569	401,234
44	40/70, CRC LT 40/70, Resin Coated Sand	69,451	470,685
45	100 Mesh, 100 Mesh, Bulk Sand	11,839	11,853
45	100 Mesh, 100 Mesh, Bulk Sand	20,709	32,562
45	100 Mesh, 100 Mesh, Bulk Sand	40,005	72,567
45	100 Mesh, 100 Mesh, Bulk Sand	61,230	133,797
45	100 Mesh, 100 Mesh, Bulk Sand	81,477	215,274
45	100 Mesh, 100 Mesh, Bulk Sand	76,446	291,720
45	100 Mesh, 100 Mesh, Bulk Sand	84,886	376,606
45	40/70, CRC LT 40/70, Resin Coated Sand	26,178	402,784
45	40/70, CRC LT 40/70, Resin Coated Sand	67,833	470,617
46	100 Mesh, 100 Mesh, Bulk Sand	11,496	11,612
46	100 Mesh, 100 Mesh, Bulk Sand	20,898	32,510
46	100 Mesh, 100 Mesh, Bulk Sand	40,087	72,597
46	100 Mesh, 100 Mesh, Bulk Sand	61,199	133,796
46	100 Mesh, 100 Mesh, Bulk Sand	78,360	212,156
46	100 Mesh, 100 Mesh, Bulk Sand	76,037	288,193
46	100 Mesh, 100 Mesh, Bulk Sand	88,392	376,585
46	40/70, CRC LT 40/70, Resin Coated Sand	25,077	401,662
46	40/70, CRC LT 40/70, Resin Coated Sand	71,213	472,875
47	100 Mesh, 100 Mesh, Bulk Sand	11,553	11,574
47	100 Mesh, 100 Mesh, Bulk Sand	21,475	33,049
47	100 Mesh, 100 Mesh, Bulk Sand	39,979	73,028
47	100 Mesh, 100 Mesh, Bulk Sand	60,715	133,743
47	100 Mesh, 100 Mesh, Bulk Sand	73,534	207,277
47	100 Mesh, 100 Mesh, Bulk Sand	79,026	286,303
47	100 Mesh, 100 Mesh, Bulk Sand	90,056	376,359
47	40/70, CRC LT 40/70, Resin Coated Sand	24,863	401,222
47	40/70, CRC LT 40/70, Resin Coated Sand	69,865	471,087
48	100 Mesh, 100 Mesh, Bulk Sand	11,459	11,546
48	100 Mesh, 100 Mesh, Bulk Sand	20,980	32,526
48	100 Mesh, 100 Mesh, Bulk Sand	40,608	73,134
48	100 Mesh, 100 Mesh, Bulk Sand	62,375	135,509
48	100 Mesh, 100 Mesh, Bulk Sand	73,069	208,578
48	100 Mesh, 100 Mesh, Bulk Sand	81,097	289,675
48	100 Mesh, 100 Mesh, Bulk Sand	86,633	376,308
48	40/70, CRC LT 40/70, Resin Coated Sand	25,034	401,342
48	40/70, CRC LT 40/70, Resin Coated Sand	70,492	471,834

49	100 Mesh, 100 Mesh, Bulk Sand	11,510	11,523
49	100 Mesh, 100 Mesh, Bulk Sand	21,010	32,533
49	100 Mesh, 100 Mesh, Bulk Sand	40,049	72,582
49	100 Mesh, 100 Mesh, Bulk Sand	61,157	133,739
49	100 Mesh, 100 Mesh, Bulk Sand	73,524	207,263
49	100 Mesh, 100 Mesh, Bulk Sand	79,733	286,996
49	100 Mesh, 100 Mesh, Bulk Sand	89,298	376,294
49	40/70, CRC LT 40/70, Resin Coated Sand	24,996	401,290
49	40/70, CRC LT 40/70, Resin Coated Sand	69,114	470,404
50	100 Mesh, 100 Mesh, Bulk Sand	12,074	12,096
50	100 Mesh, 100 Mesh, Bulk Sand	20,409	32,505
50	100 Mesh, 100 Mesh, Bulk Sand	40,074	72,579
50	100 Mesh, 100 Mesh, Bulk Sand	61,126	133,705
50	100 Mesh, 100 Mesh, Bulk Sand	73,580	207,285
50	100 Mesh, 100 Mesh, Bulk Sand	79,029	286,314
50	100 Mesh, 100 Mesh, Bulk Sand	90,605	376,919
50	40/70, CRC LT 40/70, Resin Coated Sand	24,372	401,291
50	40/70, CRC LT 40/70, Resin Coated Sand	69,310	470,601