

CG 01 CODE YE-735-D

PROCESSES

APPROVED BY:

() YE-735-D (K)

FWP 11/08/82

NOV 29 1982

L2J68

3839* LBS.

COMTYP JOB NAME: 01YE735DMK

(DATE)

(LOT)

(EST WT)

BLENDED BACK: CG 01, PQ 98,

(CODE)

(LOT)

(POUNDS)

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE	ACCT LBS
PREP	1/ OBTAIN FOR S-37	315	4-A	315
1	2/ OBTAIN FOR S-14	42	108-A	42
	3/ OBTAIN FOR S-40	105	3-A	105
	4/ OBTAIN FOR S-42	58	32-D	58
	5/ OBTAIN FOR S-46	47	3-A	47
	6/ DISSOLVE IN 30 G WATER AT 100-120°F IN DRUM FOR S-50	17	765-A	17
	7/ DISSOLVE IN 30 G WATER AT 100-120°F IN DRUM FOR S-54	60	994-A	60
351 2	8 WEIGH IN: OPTR _____, MK <u>308</u> , <u>37.01</u> % OPTR _____, MK _____, _____ %	<u>3809</u>	10-D	1407
359 3	9 WEIGH IN: OPTR _____, MK <u>25</u> , T- <u>360</u> , <u>32.37</u> % OPTR _____, MK _____, T-_____, _____ %	<u>778</u>	423-D	252
358 4	10 RUN 2" (110 G) WATER INTO V-358 11 RUN V-359 INTO V-351 12 PUMP V-351 INTO V-358 13 TURN ON AGITATOR 14 SIFT IN N-108-A FROM S-2 15 ADJUST TO 68" (3216 G) AT 67-69°F RECORD: <u>68</u> °F 16 STIR 3 MIN. & RECORD: PH <u>10.0</u> (9.0-9.5) 17 IF NECESSARY, ADJ. TO PH 9.0-9.5 ASSUME 32% & RECORD: PH <u>7.5</u> ASSUME 50% 18 RECORD: G/ML <u>1.060</u> (1.059-1.060) NOTE: G/ML OUT OF LIMITS FILL OUT CHECK LIST & ATTACH 19 STIR AT 67-69°F FOR S-32.	<u>1</u>	28-D 7-D	<u>1</u>
SV 5	20 RUN 20" (996 G) WATER INTO V- <u>241</u> RECORD N-41-D STORAGE TANK TO PUMP FROM. CIRCLE ONE: 402 410 411 420 424 425 21 CHECK WITH CU SUPV: *STORAGE TANK MUST CONTAIN AT LEAST 1767 GAL: 402=36", 410=19", 411=35", 420=19", <u>424=19</u> ", 425=23" *STORAGE TANK MUST HAVE STIRRED AT LEAST 20 MIN SINCE LAST ADDITION OR ADJUSTMENT *STORAGE TANK MUST BE ISOLATED UNTIL ALL PUMPING FOR THIS BATCH IS COMPLETE 22 SET METER FOR 300 G & PUMP TO SV <u>241</u>			

DEC 2 1982

N40864

[Signature]

EQUIP
MENT

USE N- ACCT
LBS CODE LBS

SV 23 AT APPROX 100 G WHILE CONTINUING TO PUMP,
5 CHECK PH & DENSITY. RECORD BELOW. IF NOT
CONT IN RANGE, STOP PUMPING & SEE SUPV.
* PH: 2.4 (2.2-3.7)
* DENSITY: 1.313 G/ML (1.270-1.328)
24 IF S-23 OK & WHEN S-22 COMPLETE, RECORD
DENSITY 1.313 G/ML ON TRAPPED SAMPLE
FROM END OF S-22 PUMPING.
25 USING DENSITY FROM S-24, FIND METER SETTING FOR
SECOND PUMPING IN TABLE BELOW. NOTE: TABLE
ACCOUNTS FOR 300 G ALREADY PUMPED IN S-22.
CIRCLE DENSITY & SETTING IN TABLE BELOW.

**** TABLE ****

G/ML	SETTING	G/ML	SETTING	G/ML	SETTING
1.270	1148	1.291	1043	1.312	953
1.271	1142	1.292	1038	<u>1.313</u>	<u>949</u>
1.272	1137	1.293	1033	1.314	945
1.273	1132	1.294	1029	1.315	941
1.274	1126	1.295	1024	1.316	937
1.275	1121	1.296	1020	1.317	933
1.276	1116	1.297	1015	1.318	929
1.277	1110	1.298	1011	1.319	925
1.278	1105	1.299	1006	1.320	921
1.279	1101	1.300	1003	1.321	917
1.280	1096	1.301	998	1.322	913
1.281	1091	1.302	994	1.323	909
1.282	1086	1.303	990	1.324	906
1.283	1081	1.304	985	1.325	903
1.284	1076	1.305	981	1.326	899
1.285	1071	1.306	977	1.327	895
1.286	1066	1.307	972	1.328	891
1.287	1061	1.308	968	1.329	888
1.288	1056	1.309	964	1.330	884
1.289	1052	1.310	960	1.331	880
1.290	1047	1.311	956	1.332	877

26 SET METER & PUMP 949 G (RECORD FROM TABLE)
FLUSH LINE WITH WATER INTO SV FOR APPROXIMATELY
30 SECONDS

27 ADJ LEAD NITRATE TO 3294 G (67" IN 240 & 246;
69" IN 241, 242 & 245; & 67.5" IN 247) AT
67-69°F

RECORD: 69 *F & ICE CONSUMED (330#/BLOCK)

28 STIR 5 MIN & RECORD PH: 3.1 (2.2-3.7)

**** USE TITRIMETER TO ADJUST N-41-D PH ****

29 IF NECESSARY ADJ TO PH 3.8-3.9 ASSUME 32%
& RECORD PH: 3.8 ASSUME 50%

NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE ADDING

30 RECORD: 1.118 G/ML (1.117-1.118) IF OUT OF SPEC

FILL OUT CHECK LIST & ATTACH.

31 STIR AT 67-69°F FOR S-32.

41-D 3800

330X 57-A

28-D

7-D

EQUIP MENT		USE LBS	N CODE	USE LBS
SV 6	32 STRIKE V-358 THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN 21-23 MIN RECORD: START <u>4:51</u> TOTAL MIN. <u>23</u> (67-71*) NOTE: STRIKE TIME UP WHEN 1/2 V-358 BOTTOM SHOWS & BUBBLES APPEARS IN SIGHT GLASSES 33 IMMEDIATELY AT END OF STRIKE WASH IN V-358 34 SET TIMER FOR 10 MIN. 35 RUN IN USING WEIGHT & FLOW CONTROL PANEL OPTR _____, MK <u>3</u> , <u>30.84</u> % OPTR _____, MK _____, _____ % 36 DUMP IN N-4-A FROM S-1 A.F.A.P. 37 AFTER N-4-A IS ADDED, STIR 2 MIN. 38 TAKE 8 OZ SAMPLE & RECORD: PH <u>2.5</u> (2.4-2.5) PBXS, <u>1</u> (MUST BE +) 39 STIR 10 MIN AFTER ADDITION OF N-4-A 40 DUMP IN N-3-A FROM S-3 41 STIR 3 MIN 42 POUR IN N-32-D FROM S-4 43 STIR 2 MIN. 44 RUN IN USING BADGER METER <u>269</u> 45 STIR 3 MIN & FLUSH ALUM LINE WITH MINIMUM WATER 336 115-D 168 46 DUMP IN N-3-A FROM S-5 47 STIR 3 MIN. 48 RECORD: PH <u>5.8</u> (5.8-6.0) 49 IF NECESSARY, ADJUST TO PH 5.8-6.0 RECORD: PH <u>5.8</u> ASSUME 32% 3-A 28-D 50 POUR IN N-765-A SOLN FROM S-6 51 STIR 5 MIN 52 RECORD: PH <u>5.9</u> (5.8-6.0) 53 IF NECESSARY, ADJUST TO PH 5.8-6.0 & RECORD: PH <u>5.9</u> ASSUME 32% 3-A 28-D 54 POUR IN N-994-A SOLN FROM S-7 (MUST BE DISSOLVED) 55 STIR 20 MIN. 56 DURING S-55 DUMP IN 220 ✓ 128-A 220 57 WHEN SCHEDULED, DUMP IN BLEND BACK LISTED ON TOP OF PAGE 1 RECORD: CODE _____ LOT _____ 58 STIR 20 MIN 59 FLOOD TO 153" (7298 G) & STOP AGITATOR			
START <u>11:30 AM</u> <u>5:00 PM</u>		FINISH <u>3:00 PM</u> <u>5:15 PM</u>	OPTR <u>301</u> <u>86</u>	