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ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 5447  
Name: OXY USA Inc.  
Address: P.O. Box 2528  
City/State/Zip: Liberal, KS 67905  
Purchaser: ONEOK  
Operator Contact Person: Vicki Carder  
Phone: (620) 629-4200  
Contractor: Name: Murfin Drilling Co., Inc.  
License: 30606  
Wellsite Geologist: \_\_\_\_\_  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Twp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl, Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. To Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_  
11/14/05 11/25/05 12/13/05  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 175-22008 0000  
County: Seward  
- - SE - SW Sec 18 Twp. 34 S. R. 33W  
660 feet from (S) N (circle one) Line of Section  
1929 feet from E (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Boles A Well #: 1  
Field Name: Salley Chester  
Producing Formation: Chester  
Elevation: Ground: 2887 Kelly Bushing: 2898  
Total Depth: 6500 Plug Back Total Depth: 6431  
Amount of Surface Pipe Set and Cemented at 1702 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT I with S-22-07  
(Data must be collected from the Reserve Pit)  
Chloride content 1200 mg/l ppm Fluid volume 1600 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp, \_\_\_\_\_ S. R.  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Vicki Carder  
Title: Capital Project Date 03/14/06  
Subscribed and sworn to before me this 14th day of March  
20 06  
Notary Public: Anita Peterson  
Date Commission Expires: Oct. 1, 2009

KCC Office Use Only  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

ANITA PETERSON  
Notary Public - State of Kansas  
My Appt. Expires October 1, 2009

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Side Two

Operator Name: OXY USA Inc. Lease Name: Boles A Well #: 1
Sec. 18 Twp. 34 S. R. 33W East West County: Seward

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [ ] Yes [X] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No
Electric Log Run [X] Yes [ ] No
List All E. Logs Run: Sonic Neutron Induction Microlog CBL Annular Hole Vol Geological Report
[X] Log Formation (Top), Depth and Datum [ ] Sample
Name Top Datum
Krider 2670 228
Winfield 2723 175
Council Grove 2990 -92
Heebner 4340 -1442
Toronto 4361 -1463
Lansing 4479 -1581
Cherokee 5440 -2542
See Side Three

CASING RECORD [X] New [ ] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set(in. O.D.), Weight Lbs./ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/type Specify Footage of Each Interval Perforated
Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
4 6175 - 6216 Acidize - 6200 gls 17% FE Acid
Frac-108,700 gls Delta 75QN2, 162,000#
20/40 Sand

TUBING RECORD Size Set At Packer At Liner Run [ ] Yes [X] No
Date of First, Resumed Production, SWD or Enhr. 01/04/06 Producing Method [X] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (Explain)
Estimated Production Per 24 Hours Oil BBLs Gas Mcf Water Bbls Gas-Oil Ratio Gravity
1.5 1833 0

Disposition of Gas [ ] Vented [X] Sold [ ] Used on Lease (If vented, Submit ACO-18)
METHOD OF COMPLETION [ ] Open Hole [X] Perf. [ ] Dually Comp. [ ] Commingled
Production Interval [ ] Other (Specify)

Side Three

Operator Name: OXY USA Inc. Lease Name: Boles A Well #: 1

Sec. 18 Twp. 34 S. R. 33W  East  West County: Seward

<u>Name</u>	<u>Top</u>	<u>Datum</u>
Atoka	5636	-2738
Morrow	5830	-2932
Chester	6125	-3227
St. Genevieve	6481	-3583

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**KANSAS CORPORATION COMMISSION**  
**MAR 16 2006**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

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## Cementing Service Report

Customer <b>OXY USA, INC.</b>						Job Number <b>2205548823</b>				
Well <b>BOLES A 1</b>			Location (legal) <b>Sec 18-T34S-R33W</b>			Schlumberger Location <b>Perryton, TX</b>			Job Start <b>2005-Nov-15</b>	
Field <b>SALLEY</b>		Formation Name/Type			Deviation <b>°</b>		Bit Size <b>12.3 in</b>	Well MD <b>1,702 ft</b>	Well TVD <b>1,702 ft</b>	
County <b>SEWARD</b>		State/Province <b>KANSAS</b>			BHP <b>psi</b>	BHST <b>97 °F</b>	BHCT <b>°F</b>	Pore Press. Gradient <b>psi/ft</b>		
Well Master: <b>0630741798</b>		API / UWI: <b>15175220080000</b>			Casing/Liner					
Rig Name <b>MURFIN 20</b>		Drilled For <b>Oil &amp; Gas</b>		Service Via <b>Land</b>		Depth, ft <b>1703</b>	Size, in <b>8.63</b>	Weight, lb/ft <b>24</b>	Grade <b>J55</b>	Thread
Offshore Zone		Well Class <b>New</b>		Well Type <b>Development</b>		Tubing/Drill Pipe				
Drilling Fluid Type <b>Bentonite</b>		Max. Density <b>9.2 lb/gal</b>		Plastic Vt cp		Depth,	Size, in	Weight, lb/ft	Grade	Thread
Service Line <b>Cementing</b>		Job Type <b>Cem Surface Casing</b>				Perforations/Open Hole				
Max. Allowed Tubing Pressure <b>1500 psi</b>		Max. Allowed Ann. Pressure <b>psi</b>		WellHead Connection <b>8 5/8" H &amp; M</b>		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval <b>ft</b>
Service Instructions <b>CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 555 SK 35:65 POZ C + 6% D020 + 2% S001 + 0.5 pps D029 195 SK CLASS C + 2% S001 + 0.25 pps D029 50 sks of Lead for Cellar DISPLACE WITH FRESH WATER</b>						Treat Down <b>Casing</b>	Displacement <b>105.6 bbl</b>	Packer Type	Packer Depth <b>ft</b>	Diameter <b>in</b>
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools			Squeeze Job			
Lift Pressure: <b>250 psi</b>		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: <b>Guide</b>	Shoe Depth: <b>1703 ft</b>	Stage Tool Type:	Tool Depth: <b>ft</b>	Tool Type:
No. Centralizers: <b>1</b>		Top Plugs: <b>1</b>		Bottom Plugs:		Stage Tool Depth: <b>ft</b>	Tail Pipe Size: <b>in</b>	Collar Type: <b>Other</b>	Tail Pipe Depth: <b>ft</b>	Collar Depth: <b>1657.88 ft</b>
Cement Head Type: <b>Single</b>		Job Scheduled For: <b>2005-Nov-15 19:30</b>		Arrived on Location: <b>2005-Nov-16 0:00</b>		Leave Location:	Sqz Total Vol: <b>bbl</b>			
Date	Time	Pressure psi	Density lb/gal	CMT VOL bbl	CMT RATE bbl/min	0	0	0	Message	
2005-Nov-15	21:23	0	0.40	0.0	0.0	0	0	0	<b>CONFIDENTIAL</b>  <b>MAR 14 2006</b>  <b>KCC</b> <b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b>  <b>MAR 16 2006</b>  <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	
2005-Nov-15	21:24	0	0.16	0.0	0.0	0	0	0		
2005-Nov-15	21:25	0	0.14	0.0	0.0	0	0	0		
2005-Nov-15	21:25	114	8.09	0.0	0.0	0	0	0		
2005-Nov-15	21:26	14	8.26	0.0	0.0	0	0	0		
2005-Nov-15	21:27	810	8.26	0.1	0.0	0	0	0		
2005-Nov-15	21:28	2829	7.96	0.1	0.0	0	0	0		
2005-Nov-15	21:29	18	7.75	0.1	1.6	0	0	0		
2005-Nov-15	21:30	275	8.25	4.2	5.7	0	0	0		
2005-Nov-15	21:30	261	8.25	9.0	5.7	0	0	0		
2005-Nov-15	21:31	261	8.62	13.7	5.7	0	0	0		
2005-Nov-15	21:31	270	8.83	14.1	5.7	0	0	0		
2005-Nov-15	21:31									
2005-Nov-15	21:32	284	9.48	0.7	5.7	0	0	0		
2005-Nov-15	21:32									
2005-Nov-15	21:32	362	12.99	4.4	5.7	0	0	0		
2005-Nov-15	21:33	330	12.05	9.1	5.7	0	0	0		
2005-Nov-15	21:34	320	12.50	13.9	5.7	0	0	0		
2005-Nov-15	21:35	288	12.18	18.7	5.7	0	0	0		
2005-Nov-15	21:36	288	12.56	23.5	5.7	0	0	0		
2005-Nov-15	21:36	256	12.19	28.3	5.7	0	0	0		
2005-Nov-15	21:37	261	12.42	33.0	5.7	0	0	0		

Well		Field			Service Date		Customer		Job Number
BOLES A #1		SALLEY			05319-Nov-15		OXY USA, INC.		2205548828
Date	Time	Pressure	Density	CMT VOL	CMT RATE	0	0	0	Message
	24 hr clock	psi	lb/gal	bbbl	bbbl/min	0	0	0	
2005-Nov-15	21:38	261	12.37	37.8	5.7	0	0	0	
2005-Nov-15	21:39	252	12.42	42.6	5.7	0	0	0	
2005-Nov-15	21:40	252	12.30	47.3	5.7	0	0	0	
2005-Nov-15	21:41	229	12.08	52.1	5.7	0	0	0	
2005-Nov-15	21:41	243	12.21	56.7	5.7	0	0	0	
2005-Nov-15	21:42	247	12.36	61.4	5.7	0	0	0	
2005-Nov-15	21:43	256	12.41	66.2	5.7	0	0	0	
2005-Nov-15	21:44	256	12.37	71.0	5.7	0	0	0	
2005-Nov-15	21:45	252	12.33	75.7	5.7	0	0	0	
2005-Nov-15	21:46	243	12.34	80.5	5.7	0	0	0	
2005-Nov-15	21:46	252	12.40	85.3	5.7	0	0	0	
2005-Nov-15	21:47	238	12.01	90.0	5.7	0	0	0	
2005-Nov-15	21:48	238	12.30	94.8	5.7	0	0	0	
2005-Nov-15	21:49	233	12.27	99.5	5.7	0	0	0	
2005-Nov-15	21:50	238	12.53	104.3	5.7	0	0	0	
2005-Nov-15	21:51	211	11.98	109.1	5.7	0	0	0	
2005-Nov-15	21:51	252	12.72	113.8	5.7	0	0	0	
2005-Nov-15	21:52	247	12.34	118.7	5.7	0	0	0	
2005-Nov-15	21:53	247	12.43	123.5	5.7	0	0	0	
2005-Nov-15	21:54	256	12.46	128.2	5.7	0	0	0	
2005-Nov-15	21:55	229	11.82	133.0	5.7	0	0	0	
2005-Nov-15	21:56	243	12.31	137.7	5.7	0	0	0	
2005-Nov-15	21:56	256	12.43	142.5	5.7	0	0	0	
2005-Nov-15	21:57	238	12.24	147.3	5.7	0	0	0	
2005-Nov-15	21:58	243	12.27	152.0	5.7	0	0	0	
2005-Nov-15	21:59	238	12.37	156.8	5.7	0	0	0	
2005-Nov-15	22:00	220	11.82	161.6	5.7	0	0	0	
2005-Nov-15	22:01	247	12.19	166.3	5.7	0	0	0	
2005-Nov-15	22:01	275	12.72	171.1	5.7	0	0	0	
2005-Nov-15	22:02	247	12.37	175.8	5.7	0	0	0	
2005-Nov-15	22:03	156	13.02	179.2	3.9	0	0	0	
2005-Nov-15	22:04	188	13.05	182.4	3.9	0	0	0	
2005-Nov-15	22:05	165	11.82	185.7	3.9	0	0	0	
2005-Nov-15	22:06	179	11.85	188.9	3.9	0	0	0	
2005-Nov-15	22:06	188	13.42	192.2	3.9	0	0	0	
2005-Nov-15	22:07	128	11.88	194.5	2.5	0	0	0	
2005-Nov-15	22:08	128	11.50	196.6	2.5	0	0	0	
2005-Nov-15	22:09	137	12.49	198.6	2.5	0	0	0	
2005-Nov-15	22:10	133	12.26	200.7	2.5	0	0	0	
2005-Nov-15	22:11	133	12.66	202.8	2.5	0	0	0	
2005-Nov-15	22:11	124	12.34	204.9	2.5	0	0	0	
2005-Nov-15	22:12	128	12.88	207.0	2.5	0	0	0	
2005-Nov-15	22:13	124	13.13	209.0	2.5	0	0	0	
2005-Nov-15	22:14								Reset Total, Vol = 210.59 bbl
2005-Nov-15	22:14	119	12.56	210.6	2.5	0	0	0	
2005-Nov-15	22:14	119	12.38	0.3	2.5	0	0	0	
2005-Nov-15	22:14								Start Mixing Tail Slurry
2005-Nov-15	22:14	124	12.43	0.5	2.5	0	0	0	
2005-Nov-15	22:15	142	13.26	2.6	2.5	0	0	0	
2005-Nov-15	22:16	146	13.30	4.6	1.0	0	0	0	
2005-Nov-15	22:16	64	11.94	5.1	0.0	0	0	0	
2005-Nov-15	22:17	46	11.92	5.1	0.0	0	0	0	
2005-Nov-15	22:18	41	14.40	5.1	0.0	0	0	0	
2005-Nov-15	22:19	179	15.07	6.7	2.5	0	0	0	

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**CONSERVATION DIVISION**  
**WICHITA, KS**

Well		Field			Service Date		Customer		Job Number
BOLES A #1		SALLEY			05319-Nov-15		OXY USA, INC.		2205548623
Date	Time	Pressure	Density	CMT VOL	CMT RATE	0	0	0	Message
	24 hr clock	psi	ibbl/gal	bbbl	bbbl/min	0	0	0	
2005-Nov-15	22:20	165	15.23	8.8	2.5	0	0	0	
2005-Nov-15	22:21	252	14.98	12.0	3.9	0	0	0	
2005-Nov-15	22:21	243	15.12	15.2	3.9	0	0	0	
2005-Nov-15	22:22	233	14.95	18.5	3.9	0	0	0	
2005-Nov-15	22:23	238	15.14	21.8	3.9	0	0	0	
2005-Nov-15	22:24	229	15.11	25.0	3.9	0	0	0	
2005-Nov-15	22:25	206	14.48	28.3	3.9	0	0	0	
2005-Nov-15	22:26	224	15.15	31.5	3.9	0	0	0	
2005-Nov-15	22:26	201	14.59	34.8	3.9	0	0	0	
2005-Nov-15	22:27	220	15.24	38.1	3.9	0	0	0	
2005-Nov-15	22:28	137	15.39	40.6	2.5	0	0	0	
2005-Nov-15	22:29	142	15.55	42.7	2.5	0	0	0	
2005-Nov-15	22:29	50	14.51	43.4	0.0	0	0	0	
2005-Nov-15	22:29								Reset Total, Vol = 43.42 bbl
2005-Nov-15	22:30	50	14.55	0.0	0.0	0	0	0	
2005-Nov-15	22:30								Drop Top Plug
2005-Nov-15	22:30	50	14.57	0.0	0.0	0	0	0	
2005-Nov-15	22:31	50	14.85	0.0	0.0	0	0	0	
2005-Nov-15	22:31	50	9.34	0.0	0.0	0	0	0	
2005-Nov-15	22:32	50	8.92	0.0	0.0	0	0	0	
2005-Nov-15	22:33	50	9.17	0.0	0.0	0	0	0	
2005-Nov-15	22:33								Reset Total, Vol = 0.00 bbl
2005-Nov-15	22:33	50	9.20	0.0	0.0	0	0	0	
2005-Nov-15	22:33	50	9.21	0.0	0.0	0	0	0	
2005-Nov-15	22:33								Start Displacement
2005-Nov-15	22:34	124	9.35	0.5	3.9	0	0	0	
2005-Nov-15	22:35	101	8.44	3.7	3.9	0	0	0	
2005-Nov-15	22:36	92	8.03	7.0	3.9	0	0	0	
2005-Nov-15	22:36	137	8.07	10.8	5.7	0	0	0	
2005-Nov-15	22:37	169	8.06	15.6	5.7	0	0	0	
2005-Nov-15	22:38	188	8.03	20.3	5.7	0	0	0	
2005-Nov-15	22:39	206	8.12	25.1	5.7	0	0	0	
2005-Nov-15	22:40	206	7.97	29.9	5.7	0	0	0	
2005-Nov-15	22:41	220	8.25	34.6	5.7	0	0	0	
2005-Nov-15	22:41	266	8.25	39.4	5.7	0	0	0	
2005-Nov-15	22:42	275	8.25	44.1	5.7	0	0	0	
2005-Nov-15	22:43	302	8.25	48.9	5.7	0	0	0	
2005-Nov-15	22:44	320	8.25	53.7	5.7	0	0	0	
2005-Nov-15	22:45	320	8.26	58.4	5.4	0	0	0	
2005-Nov-15	22:46	348	8.25	63.0	5.4	0	0	0	
2005-Nov-15	22:46	380	8.26	67.6	5.4	0	0	0	
2005-Nov-15	22:47	398	8.26	72.1	5.4	0	0	0	
2005-Nov-15	22:48	444	8.25	76.7	5.4	0	0	0	
2005-Nov-15	22:49	467	8.25	81.2	5.4	0	0	0	
2005-Nov-15	22:50	481	8.25	85.7	5.4	0	0	0	
2005-Nov-15	22:51	513	8.25	90.3	5.4	0	0	0	
2005-Nov-15	22:51	558	8.25	94.8	5.4	0	0	0	
2005-Nov-15	22:52	577	8.25	99.3	5.4	0	0	0	
2005-Nov-15	22:53	504	8.25	101.7	2.7	0	0	0	
2005-Nov-15	22:54	540	8.25	103.9	2.7	0	0	0	
2005-Nov-15	22:55	540	8.25	106.2	2.7	0	0	0	
2005-Nov-15	22:56	554	8.25	108.4	2.7	0	0	0	
2005-Nov-15	22:56	1199	8.26	109.8	0.0	0	0	0	
2005-Nov-15	22:57								Reset Total, Vol = 109.76 bbl

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**MAR 16 2006**  
 CONSERVATION DIVISION  
 WICHITA, KS

Well		Field			Service Date		Customer		Job Number
BOLES A #1		SALLEY			05319-Nov-15		OXY USA, INC.		2205548823
Date	Time	Pressure	Density	CMT VOL	CMT RATE	0	0	0	Message
	24 hr clock	psi	lb/gal	bbf	bbf/min	0	0	0	
2005-Nov-15	22:57	1199	8.26	109.8	0.0	0	0	0	
2005-Nov-15	22:57	1199	8.26	0.0	0.0	0	0	0	
2005-Nov-15	22:58	1204	8.26	0.0	0.0	0	0	0	
2005-Nov-15	22:59	801	8.26	0.0	0.0	0	0	0	
2005-Nov-15	23:00	41	8.26	0.0	0.0	0	0	0	
2005-Nov-15	23:01	37	8.26	0.0	0.0	0	0	0	
2005-Nov-15	23:01	37	8.26	0.0	0.0	0	0	0	
2005-Nov-15	23:02	-3676	-6.25	0.0	0.0	0	0	0	
2005-Nov-15	23:03	-3676	-6.25	0.0	0.0	0	0	0	
2005-Nov-15	23:04	-3676	-6.25	0.0	0.0	0	0	0	
2005-Nov-15	23:05	-3676	-6.25	0.0	0.0	0	0	0	
2005-Nov-15	23:05								End Job
2005-Nov-15	23:05	-3676	-6.25	0.0	0.0	0	0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
4			5.5	253		14			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
554		350	1199			8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	60 bbl			
%	283 bbl	104 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft			
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed			
HANNA, RUSTY			Grella Chacon, Miguel						

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Date	11/15/05
Company	OXY USA
Job Number	2205548823
Well Name	Boles A
Well Number	1
County	Seward
State	KS

# Schlumberger

Pipe Size	8 5/8	
Pipe Weight	24	2
Pipe Depth	1703	
Shoe Length	45.12	2.87
Insert Depth	1657.88	
Hole Size	12 1/4	
Hole Depth	1702	

<b>1st System</b>	
608 sacks	35/65 Poz/C
2.18 yield	6% D020 + 2% S001 + 0.5 pps D02
12.2 weight	
12.3 water	178
cubic ft.	1325
height	3212
bbls	236

Pipe Volume	108
Annular Volume	125
Total Cement	283
Total Water	333

Pipe Factor	0.0637	0.06
Annular Factor	0.0735	
Height Factor	2.4231	

<b>2nd System</b>	
195 sacks	C <sup>3</sup>
1.34 yield	2%S1, 1/4PPSD29
14.8 weight	
6.29 water	29
cubic ft.	261
height	633
bbls	46.5

Casing lift	700
Cement lift	404
Annulus Pressure	1165.3 psi
Pressure in Casing	751.99
Difference	-413
CSG weight	40872 lbs

Test 1500

<b>3rd System</b>	
sacks	
yield	
weight	
water	0
cubic ft.	0
height	0
bbls	0

0 Mud

10 Fresh Water

236 Lead 12.2

47 Tail 14.8

<b>4th System</b>	
sacks	
yield	
weight	
water	0
cubic ft.	0
height	0
bbls	0

105.6 Displacement      Densi  
 Displacement w/ underdiplace  
 1165 Maximum Pressure

Pump time @ 6 bpm 65 MIN

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**Cementing Service Report**

Customer: OXY USA, INC						Job Number: 2205548840					
Well: BOLES A 1			Location (legal): Sec 18-T34S-R33W			Schlumberger Location: Perryton, TX			Job Start: 2005-Nov-27		
Field: SALLEY		Formation Name/Type: Clean-Sandstone			Deviation: °		Bit Size: 7.88 in	Well MD: 6,500 ft	Well TVD: 6,500 ft		
County: SEWARD		State/Province: KANSAS			BHP: psi	BHST: 146 °F	BHCT: °F	Pore Press. Gradient: psi/ft			
Well Master: 0630741798		API / UWI: 15175220080000			Casing/Liner						
Rig Name: MURFIN 20		Drilled For: Oil & Gas		Service Via: Land		Depth, ft: 6476	Size, in: 5.5	Weight, lb/ft: 17	Grade: K55	Thread: 8RD	
Offshore Zone:		Well Class: New		Well Type: Development		Tubing/Drill Pipe					
Drilling Fluid Type: Bentonite		Max. Density: 8.8 lb/gal		Plastic Viscosity: cp		Depth:	Size, in:	Weight, lb/ft:	Grade:	Thread:	
Service Line: Cementing		Job Type: Cem Prod Casing				Perforations/Open Hole					
Max. Allowed Tubing Pressure: 1500 psi		Max. Allowed Ann. Pressure: psi		Wellhead Connection: 5 1/2" H & M		Top, ft:	Bottom, ft:	spt:	No. of Shots:	Total Interval: ft	
Service Instructions: Cement 5 1/2" Production Casing 20 BBL Chemical Wash 100 200 SKS 50/50 Poz:H+2%D20+3%M117+ 5 PPS D42+5 PPS D53+0.25 %D112+ 0.25 %D85 + 0.25%D46 25 SKS FOR RAT AND MOUSE HOLES						Treat Down: Casing	Displacement: 149 bbl	Packer Type:	Packer Depth: ft		
						Tubing Vol.: bbl	Casing Vol.: 150 bbl	Annular Vol.: 200 bbl	Open Hole Vol.: 2 bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>				Casing Tools			Squeeze Job		
Lift Pressure: 4634 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type:			
No. Centralizers: 6		Top Plugs: 1		Bottom Plugs: 1		Shoe Depth: 6476 ft		Tool Type:			
Cement Head Type: Single		Stage Tool Type:		Tool Depth: ft		Stage Tool Depth: ft		Tail Pipe Size: in			
Job Scheduled For: 2005-Nov-27 0:30		Arrived on Location: 2005-Nov-27 0:30		Leave Location: 2005-Nov-27 6:00		Collar Type: Insert		Tail Pipe Depth: ft			
						Collar Depth: 6431 ft		Sqz Total Vol: bbl			
Date	Time	Flow Rate	Pressure	Temp	Sp. Gr.	Surf. Vol.	Surf. Temp	Surf. Press	Surf. Density	Message	
2005-Nov-27	3:25	13	0.0	8.38	0.0	0.0	0	0			
2005-Nov-27	3:25									Pressure Test Lines	
2005-Nov-27	3:25	13	0.0	8.38	0.0	0.0	0	0		<b>CONFIDENTIAL</b>	
2005-Nov-27	3:25	13	0.0	8.38	0.0	0.0	0	0			
2005-Nov-27	3:26	13	0.0	8.38	0.0	0.0	0	0		MAR 14 2006	
2005-Nov-27	3:27	13	0.0	8.38	0.0	0.0	0	0		<b>KCC RECEIVED</b>	
2005-Nov-27	3:27	13	0.0	8.38	0.0	0.0	0	0			
2005-Nov-27	3:28	13	0.0	8.38	0.0	0.0	0	0		<b>KANSAS CORPORATION COMMISSION</b>	
2005-Nov-27	3:28	13	0.0	8.38	0.0	0.0	0	0			
2005-Nov-27	3:29	13	0.0	8.38	0.0	0.0	0	0		MAR 16 2006	
2005-Nov-27	3:29	17	0.0	8.38	0.0	0.0	0	0		<b>CONSERVATION DIVISION</b>	
2005-Nov-27	3:30	17	0.0	8.35	0.0	0.0	0	0			
2005-Nov-27	3:30	22	0.0	8.37	0.0	0.0	0	0		WICHITA, KS	
2005-Nov-27	3:31	1102	0.0	8.37	0.0	0.0	0	0			
2005-Nov-27	3:31	1945	0.0	8.37	0.0	0.0	0	0			
2005-Nov-27	3:32	1917	0.0	8.37	0.0	0.0	0	0			
2005-Nov-27	3:32	17	0.0	8.37	0.0	0.0	0	0		Bleed off Pressure	
2005-Nov-27	3:33	287	4.0	8.38	0.7	0.7	0	0		Start CW100	
2005-Nov-27	3:33	237	4.0	8.38	2.7	2.7	0	0			
2005-Nov-27	3:34	246	4.0	8.38	4.6	4.6	0	0			
2005-Nov-27	3:34	242	4.0	8.38	6.6	6.6	0	0			

Well		Field			Service Date		Customer		Job Number
BOLES A #1		SALLEY			05381-Nov-27		OXY USA, INC.		25004884b
Date	Time	Trusting Pressure	Flow Rate	Density	CHL PROD VOL	CHL VOL	g	g	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl			
2005-Nov-27	3:35	233	4.0	8.38	8.6	8.6	0	0	
2005-Nov-27	3:35	228	4.0	8.38	10.6	10.6	0	0	
2005-Nov-27	3:36	233	3.9	8.38	12.6	12.6	0	0	
2005-Nov-27	3:36	237	4.0	8.38	14.6	14.6	0	0	
2005-Nov-27	3:37	242	4.0	8.38	16.5	16.5	0	0	
2005-Nov-27	3:37	237	4.0	8.38	18.5	18.5	0	0	
2005-Nov-27	3:38	45	0.0	8.38	20.1	20.1	0	0	Reset Total, 20 bbl
2005-Nov-27	3:38	40	0.0	8.38	20.1	20.1	0	0	
2005-Nov-27	3:39	36	0.0	8.36	20.1	20.1	0	0	Shut Down. Batch mix cement for rat hole
2005-Nov-27	3:39	36	0.0	8.35	20.1	20.1	0	0	
2005-Nov-27	3:40	36	0.0	8.35	20.1	20.1	0	0	
2005-Nov-27	3:40	36	0.0	8.31	20.1	20.1	0	0	
2005-Nov-27	3:41	36	0.0	9.93	20.1	20.1	0	0	
2005-Nov-27	3:41	36	0.0	12.69	20.1	20.1	0	0	
2005-Nov-27	3:42	77	0.0	13.61	20.1	20.1	0	0	
2005-Nov-27	3:43	95	0.0	13.59	20.1	20.1	0	0	
2005-Nov-27	3:43	100	0.0	13.55	20.1	20.1	0	0	
2005-Nov-27	3:44	17	0.0	13.22	20.1	20.1	0	0	
2005-Nov-27	3:44	22	0.0	9.86	20.1	20.1	0	0	
2005-Nov-27	3:45	22	0.0	9.74	20.1	20.1	0	0	
2005-Nov-27	3:45	22	0.0	12.59	20.1	20.1	0	0	
2005-Nov-27	3:46	95	0.0	13.66	20.1	20.1	0	0	
2005-Nov-27	3:46	109	0.0	13.65	20.1	20.1	0	0	
2005-Nov-27	3:47	17	0.0	13.55	20.1	20.1	0	0	
2005-Nov-27	3:47	17	0.0	10.89	20.1	20.1	0	0	
2005-Nov-27	3:48	27	0.0	13.34	20.1	20.1	0	0	
2005-Nov-27	3:48	22	0.0	11.95	20.1	20.1	0	0	
2005-Nov-27	3:49	269	4.0	8.92	21.3	21.3	0	0	Start Grouting
2005-Nov-27	3:49	283	5.3	8.60	23.3	23.3	0	0	
2005-Nov-27	3:50	324	5.5	8.42	26.1	26.1	0	0	
2005-Nov-27	3:50	324	5.5	10.03	28.8	28.8	0	0	Reset Total, 6 bbl
2005-Nov-27	3:51	342	5.5	11.37	31.6	31.6	0	0	start cement
2005-Nov-27	3:51	342	5.5	12.34	34.3	34.3	0	0	
2005-Nov-27	3:52	347	5.5	13.11	37.1	37.1	0	0	
2005-Nov-27	3:52	310	5.5	13.72	39.8	39.8	0	0	
2005-Nov-27	3:53	324	5.5	13.87	42.6	42.6	0	0	
2005-Nov-27	3:53	297	5.5	13.61	45.3	45.3	0	0	
2005-Nov-27	3:54	260	5.5	13.72	48.1	48.1	0	0	
2005-Nov-27	3:54	242	5.5	13.62	50.9	50.9	0	0	
2005-Nov-27	3:55	187	5.5	13.44	53.6	53.6	0	0	
2005-Nov-27	3:55	191	5.5	13.52	56.4	56.4	0	0	
2005-Nov-27	3:56	187	5.5	13.83	59.1	59.1	0	0	
2005-Nov-27	3:56	191	5.5	13.86	61.8	61.8	0	0	
2005-Nov-27	3:57	196	5.5	13.79	64.6	64.6	0	0	
2005-Nov-27	3:57	178	5.5	13.39	67.3	67.3	0	0	
2005-Nov-27	3:58	187	5.5	13.70	70.1	70.1	0	0	
2005-Nov-27	3:58	196	5.5	13.78	72.8	72.8	0	0	
2005-Nov-27	3:59	132	1.7	13.83	74.1	74.1	0	0	
2005-Nov-27	3:59	22	0.0	9.37	74.7	74.7	0	0	
2005-Nov-27	4:00	27	0.0	13.46	74.7	74.7	0	0	
2005-Nov-27	4:00	22	0.0	13.49	74.7	74.7	0	0	
2005-Nov-27	4:01	22	0.0	10.06	74.7	74.7	0	0	
2005-Nov-27	4:01	228	0.0	8.80	74.7	74.7	0	0	

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Well		Field			Service Date		Customer		Job Number
BOLES A #1		SALLEY			05331-Nov-27		OXY USA, INC.		220544040
Date	Time	Testing Pressure	Flow Rate	Density	CMF STD VOL	CMF VOL	0	0	Message
	24 hr clock	psi	bb/min	lb/gal	bbl	bbl	0	0	
2005-Nov-27	4:01								Reset Total, Vol = 48 bbl
2005-Nov-27	4:01	214	0.0	8.66	74.7	74.7	0	0	
2005-Nov-27	4:02	214	0.0	8.46	0.0	74.7	0	0	shut down drop plug. Wash up lines.
2005-Nov-27	4:02	205	0.0	8.35	0.0	74.7	0	0	
2005-Nov-27	4:03	210	0.0	8.37	0.0	74.7	0	0	
2005-Nov-27	4:03	214	0.0	8.43	0.0	74.7	0	0	
2005-Nov-27	4:04	205	0.0	8.38	0.0	74.7	0	0	
2005-Nov-27	4:04	205	0.0	8.37	0.0	74.7	0	0	
2005-Nov-27	4:05	214	0.0	8.36	0.0	74.7	0	0	
2005-Nov-27	4:05	210	0.0	8.36	0.0	74.7	0	0	
2005-Nov-27	4:06	22	0.0	8.36	0.0	74.7	0	0	
2005-Nov-27	4:06	17	0.0	8.37	0.0	74.7	0	0	Start Displacement
2005-Nov-27	4:07	49	1.9	8.87	0.3	75.0	0	0	
2005-Nov-27	4:07	136	6.4	8.38	2.4	77.1	0	0	
2005-Nov-27	4:08	146	6.0	8.38	5.6	80.2	0	0	
2005-Nov-27	4:08	104	6.0	8.38	8.6	83.2	0	0	
2005-Nov-27	4:09	91	6.0	8.38	11.6	86.2	0	0	
2005-Nov-27	4:09	123	6.0	8.38	14.6	89.2	0	0	
2005-Nov-27	4:10	114	6.0	8.38	17.6	92.3	0	0	
2005-Nov-27	4:10	132	6.0	8.38	20.6	95.3	0	0	
2005-Nov-27	4:11	86	6.0	8.38	23.6	98.3	0	0	
2005-Nov-27	4:11	114	6.0	8.38	26.6	101.3	0	0	
2005-Nov-27	4:12	109	6.0	8.38	29.6	104.3	0	0	
2005-Nov-27	4:12	91	6.0	8.38	32.6	107.3	0	0	
2005-Nov-27	4:13	104	6.0	8.38	35.7	110.3	0	0	
2005-Nov-27	4:13	81	6.0	8.38	38.7	113.3	0	0	
2005-Nov-27	4:14	104	6.0	8.38	41.7	116.3	0	0	
2005-Nov-27	4:14	104	6.0	8.38	44.7	119.3	0	0	
2005-Nov-27	4:15	104	6.0	8.38	47.7	122.3	0	0	
2005-Nov-27	4:15	86	6.0	8.38	50.7	125.3	0	0	
2005-Nov-27	4:16	123	6.0	8.38	53.7	128.4	0	0	
2005-Nov-27	4:16	100	6.0	8.38	56.7	131.4	0	0	
2005-Nov-27	4:17	123	6.0	8.38	59.8	134.5	0	0	
2005-Nov-27	4:17	100	6.0	8.38	62.8	137.5	0	0	
2005-Nov-27	4:18	114	6.0	8.38	65.8	140.5	0	0	
2005-Nov-27	4:18	118	6.0	8.38	68.8	143.5	0	0	
2005-Nov-27	4:19	95	6.0	8.38	71.9	146.5	0	0	
2005-Nov-27	4:19	88	6.0	8.38	74.9	149.5	0	0	
2005-Nov-27	4:20	109	6.0	8.38	77.9	152.5	0	0	
2005-Nov-27	4:20	132	6.0	8.38	80.9	155.5	0	0	
2005-Nov-27	4:21	95	6.0	8.38	83.9	158.5	0	0	
2005-Nov-27	4:21	86	6.0	8.38	86.9	161.5	0	0	
2005-Nov-27	4:22	480	6.0	8.38	89.9	164.5	0	0	
2005-Nov-27	4:22	118	6.0	8.38	92.9	167.6	0	0	
2005-Nov-27	4:23	104	6.0	8.38	95.9	170.6	0	0	
2005-Nov-27	4:23	104	6.0	8.38	98.9	173.6	0	0	
2005-Nov-27	4:24	118	6.0	8.38	101.9	176.6	0	0	
2005-Nov-27	4:24	95	6.0	8.38	104.9	179.6	0	0	
2005-Nov-27	4:25	86	6.0	8.38	107.9	182.6	0	0	
2005-Nov-27	4:25	77	6.0	8.38	111.0	185.6	0	0	
2005-Nov-27	4:26	95	6.0	8.38	114.0	188.6	0	0	
2005-Nov-27	4:26	100	6.0	8.38	117.0	191.6	0	0	
2005-Nov-27	4:27	214	6.0	8.38	120.0	194.6	0	0	

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Well		Field			Service Data		Customer		Job Number
BOLES A #1		SALLEY			05931-Nov-27		OXY USA, INC.		2205548940
Date	Time	Treating Pressure	Flow Rate	Density	CMT STS VOL	CMT VOL	0	9	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl			
2005-Nov-27	4:27	274	6.0	8.38	123.0	197.6	0	0	
2005-Nov-27	4:28	320	6.0	8.38	126.0	200.6	0	0	
2005-Nov-27	4:28	365	6.0	8.38	129.0	203.7	0	0	
2005-Nov-27	4:29	416	6.0	8.38	132.1	206.8	0	0	
2005-Nov-27	4:29	448	6.0	8.38	135.1	209.8	0	0	
2005-Nov-27	4:30	503	6.0	8.38	138.1	212.8	0	0	
2005-Nov-27	4:30	324	2.5	8.38	140.7	215.4	0	0	
2005-Nov-27	4:31	352	2.5	8.38	142.0	216.6	0	0	
2005-Nov-27	4:31	370	2.5	8.38	143.2	217.9	0	0	
2005-Nov-27	4:32	402	2.5	8.38	144.5	219.1	0	0	
2005-Nov-27	4:32	416	2.5	8.38	145.7	220.3	0	0	
2005-Nov-27	4:33	443	2.5	8.38	146.9	221.6	0	0	
2005-Nov-27	4:33	448	2.5	8.38	148.2	222.8	0	0	
2005-Nov-27	4:34	471	2.5	8.38	149.4	224.1	0	0	
2005-Nov-27	4:34	498	2.5	8.38	150.6	225.3	0	0	
2005-Nov-27	4:35	841	0.0	8.38	151.2	225.8	0	0	
2005-Nov-27	4:35	818	0.0	8.38	151.2	225.8	0	0	
2005-Nov-27	4:36	17	0.0	8.38	151.2	225.8	0	0	
2005-Nov-27	4:36	22	0.0	8.38	151.2	225.8	0	0	
2005-Nov-27	4:36								

Reset Total, Vol = 148 bbl by tanks

2005-Nov-27	4:36								End Displacement
2005-Nov-27	4:36	17	0.0	8.38	0.0	225.8	0	0	
2005-Nov-27	4:38	17	0.0	8.38	0.0	225.8	0	0	
2005-Nov-27	4:36								End Job
2005-Nov-27	4:36	17	0.0	8.38	0.0	225.8	0	0	

Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
4			6	48		20			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume			Density	
700		300	1000					8.34 lb/gal	
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume		
%	48 bbl		148 bbl	60 °F	<input type="checkbox"/>		bbl		
Customer or Authorized Representative			Schlumberger Supervisor		<input type="checkbox"/>		Washed Thru Perfs To		
Willimon, Wes			Grigoriev, Valeriy		<input type="checkbox"/>		ft		
					<input type="checkbox"/>		<input checked="" type="checkbox"/>		
					Circulation Lost		Job Completed		

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# Service Order

2006-Mar-14

Customer OXY USA, INC.		Person Taking Call Pathak, Rakesh		Dowell Location Perryton, TX		Order Date 2005-Nov-25		Job Number 2205548840			
Well Name and Number BOLES A 1			Legal Location Sec 18-T34S-R33		Field SALLEY		County SEWARD		State/Province KANSAS		
Well Master: 0630741798			API / UWI: 15175220080000								
Rig Name MURFIN 20			Well Age New		Sales Engineer Cambem, Charles			Job Type Cem Prod Casing			
Time Well Ready:		Deviation *		Bit Size 7.88 in		Well MD 6,500 ft		Well TVD 6,500 ft		BHP psi	
								BHST 146 °F		BHCT °F	
Treat Down Casing		Packer Type		Packer Depth ft		Wellhead Connection 5 1/2" H & M		HHP on Location 300		Max Allowed Pressure 1500	
<b>Casing</b>				<b>Services Instructions:</b>							
Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
6476		5.5		17		K55		8RD			
<b>Tubing</b>											
Depth,		Size, in		Weight, lb/ft		Grade		Thread			
<b>Perforated Intervals</b>				<b>Extra Equipment:</b>							
Top, ft		Bottom, ft		spt		No. of Shots		Total Interval			
								ft			
								Diameter			
								in			
Expected On Location:						Ready To Pump:					
						RECEIVED KANSAS CORPORATION COMMISSION MAR 16 2006 CONSERVATION DIVISION WICHITA, KS					

Contact	Voice	Mobile	FAX	Notes
Wes Willimon		620-655-1756		

**Notes:**  
Take 5 1/2" Head, Manifold, and Swadge.

**Directions:**  
PEX: TAKE LOOP RD 143 TO HWY 83 NORTH TO LIBERAL, STAY ON HWY 83 FOR 1 MI NORTH OF LIBERAL TO SALLEY ROAD, T/L, (WEST) GO 2MI, T/R (NORTH) GO 1/2 MI, T/R (EAST) FOR 1/2 MI, T/L (SOUTH) INTO

**Other Notes:**  
Follow all convoy policies!

**Comments:**

Material	Description	Quantity Needed
56702054	Plug, Cementing 5 1/2 In Top Plastic	1 EA
56709054	Plug, Cementing 5 1/2 Bottom Aluminum	1 EA
D020	Bentonite Extender D20	385 LB
D042	KOLITE Lost Circulation Additive D42	1130 LB
D046	Antifoam Agent, All Purpose D46	0 LB
D053	Cement Agent D53	0 LB
D065	Dispersant, TIC D65	0 LB
D112	FLAC (R), Fluid Loss Additive D112	0 LB
D122A	Chemical Wash Concentrate D122A	0 GA
D132	Extender, Cement D132	0 CF
D827	Chemical Wash CW100 D827	0 BL
D909	Cement, Class H D909	0 CF
J237A	Diverter Agent J237A	0 GA
M117	Potassium Chloride M117	0 LB

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**Fluid Systems:**

CW100			
20 BBLS CW100			
<i>Density:</i>	8.33	lb/gal	<i>Thickening Time:</i>
<i>Yield:</i>		ft <sup>3</sup> /sk	
<i>H2O Mix:</i>	0	gal/sk	
<i>H2O:</i>	0	gal	<i>Eq. Sack Weight:</i> 0 lb
			<i>Total Blend:</i> 0 sacks
Material	Qty	Amount	Total Quantity
D122A	10	gal	10
J237A	5	gal	5

Re/Reuse			
25 SKS 50/50 Poz:H+2%D20+3%M117+ 5 PPS D42+5 PPS D53+0.25 %D112+ 0.25 %D65 + 0.25%D46			
<i>Density:</i>	13.8	lb/gal	<i>Thickening Time:</i>
<i>Yield:</i>	1.55	ft <sup>3</sup> /sk	
<i>H2O Mix:</i>	7.1	gal/sk	
<i>H2O:</i>	177.5	gal	<i>Eq. Sack Weight:</i> 86.5 lb
			<i>Total Blend:</i> 25 sacks
Material	Qty	Amount	Total Quantity
D046	0.216	lbs/sk	5.4
D132	39.71	lbs/sk	992.75
D020	1.734	lbs/sk	43.35
M117	2.6	lbs/sk	65
D042	5	lbs/sk	125
D053	5	lbs/sk	125
D112	0.216	lbs/sk	5.4
D065	0.216	lbs/sk	5.4
Class H	47	lbs/sk	1175

TABLE			
200 SKS 50/50 Poz:H+2%D20+3%M117+ 5 PPS D42+5 PPS D53+0.25 %D112+ 0.25 %D65 + 0.25%D46			
Density:	13.8	lb/gal	Thickening Time:
Yield:	1.55	ft <sup>3</sup> /sk	
H2O Mix:	7.1	gal/sk	
H2O:	1420	gal	Eq. Sack Weight: 86.5 lb
			Total Blend: 200 sacks
D132	39.71	lbs/sk	7942
D020	1.734	lbs/sk	346.8
M117	2.6	lbs/sk	520
D042	5	lbs/sk	1000
D053	5	lbs/sk	1000
D112	0.216	lbs/sk	43.2
D065	0.216	lbs/sk	43.2
D046	0.216	lbs/sk	43.2
CLASS H	47	lbs/sk	9400

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