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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

Form ACO-1

September 1999

Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: Cheyenne Drilling LP
License: 33375
Wellsite Geologist: NA
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. 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. _____
04/12/06 04/14/06 05/08/06
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 055-21911-00-00
County: Finney
E/2 - NE - SW - SW Sec 16 Twp. 26 S. R. 33W
990 feet from (S) N (circle one) Line of Section
1250 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Walker A Well #: 3
Field Name: Panoma
Producing Formation: Council Grove
Elevation: Ground: 2906 Kelly Bushing: 2912
Total Depth: 3115 Plug Back Total Depth: 3113
Amount of Surface Pipe Set and Cemented at 886 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 ACT I with 6-13-01
(Data must be collected from the Reserve Pit)
Chloride content 15000 mg/L ppm Fluid volume 950 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 08/08/06
Subscribed and sworn to before me this 8th day of Aug 2006
Notary Public: Becki Andrews
Date Commission Expires: 4-22-2009

NOTARY PUBLIC - STATE OF KANSAS
BECKI ANDREWS
My Commission Expires 4-22-2009

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

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AUG 10 2006
CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: OXY USA Inc. Lease Name: Walker A Well #: 3

Sec. 16 Twp. 26 S. R. 33W East West County: Finney

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hollenberg	2546	366
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Herington	2571	341
List All E. Logs Run:	Neutron Induction	Krider	2595	317
Microlog	Temperature CBL	Winfield	2631	281
		Towanda	2685	227
		Ft. Riley	2742	170
		Council Grove	2849	63
		(See Side Three)		

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
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
Conductor					C		
Surface	12 1/4	8 5/8	24	886	C	230	35/65 Poz + Additives
					C	195	Class C + Additives
Production	7 7/8	4 1/2	11.6	3114	C	330	35/65 Poz + Additives
					H	235	50/50 Poz + Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing		C	350	TOC @ 400', KCC (Steve Durant) advises to Perf & Cmt. Sqz hole @ 348' w/TOC @ 41', called Steve Durrant w/KCC, ok'd to top fill w/3 pallet of Portland cmt.
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	
		Amount	Depth
3	2854-2868	16,373 gls 15# gelled fluid @ 75%N2,	
4	2868-2898	128,075# 16/30 Sand	

TUBING RECORD	Size 2 3/8	Set At 2940	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 07/03/06	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil BBLs	Gas Mcf 147	Water Bbls 90	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp'd Commingled

(If vented, Submit ACO-18) Other (Specify) _____

Side Three

Operator Name: OXY USA Inc. Lease Name: Walker A Well #: 3

Sec. 16 Twp. 26S. R. 33W East West County: Finney

<u>Name</u>	<u>Top</u>	<u>Datum</u>
A1 LM	2871	41
B1 SH	2902	10
B1 LM	2918	-6
B2 SH	2930	-18

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Cementing Service Report

Customer: OXY RESOURCE CALIFORNIA LLC						Job Number: 2205551008					
Well: WALKER A 3		Location (legal): SEC 16-T26S-R33W			Schlumberger Location: Perryton, TX		Job Start: 2006-Apr-13				
Field: PANOMA		Formation Name/Type:		Deviation: °	Bit Size: 12.3 in	Well MD: 894 ft	Well TVD: 894 ft				
County: FINNEY		State/Province: KANSAS		BHP: psi	BHST: 88 °F	BHCT: °F	Pore Press. Gradient: psi/ft				
Well Master: 0630792276		API / UWI: 15055219110000		Casing/Liner							
Rig Name: CHEYENNE 11		Drilled For: Oil & Gas		Service Via: Land		Depth, ft: 879.07	Size, in: 8.63	Weight, lb/ft: 24	Grade: 8RD		
Offshore Zone:		Well Class: New		Well Type: Development		12	8.63	24	LJ		
Drilling Fluid Type:		Max. Density: 8.5 lb/gal		Plastic Vt: cp		Tubing/Drill Pipe					
Service Line: Cementing		Job Type: Cem Surface Casing		Perforations/Open Hole							
Max. Allowed Tubing Pressure: 500 psi		Max. Allowed Ann. Pressure: psi		Wellhead Connection: 8 5/8" H&SM		Top, ft:	Bottom, ft:	spf:	No. of Shots:	Total Interval: ft	
Service Instructions: CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 230 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.5 pps D029 195 SK CLASS C + 2% S001 + 0.25 pps D029						Treat Down Casing:		Displacement: 54 bbl		Packer Type:	Packer Depth: ft
						Tubing Vol: bbl		Casing Vol: 56.8 bbl		Annular Vol: 66 bbl	Open Hole Vol: 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: 230 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type:			
No. Centralizers:		Top Plugs: 1		Bottom Plugs:		Shoe Depth: 892 ft		Tool Type:			
Cement Head Type: Single		Job Scheduled For: 4/12/2006 21:30		Arrived on Location: 2006-Apr-12 22:00		Stage Tool Type:		Tool Depth: ft			
						Stage Tool Depth: ft		Tail Pipe Size: in			
						Collar Type: Auto-Fill		Tail Pipe Depth: ft			
						Collar Depth: 848 ft		Sqz Total Vol: bbl			
Date	Time	Treating Pressure psi	Density lb/gal	Triplex Rate bbl/min	Triplex Volume bbl	Flowmeter bbl/min	Flowmeter volume bbl	0	Message		
2006-Apr-13	2:12	0	8.34	0.0	0.0	0.0	0.0	0			
2006-Apr-13	2:12	0	8.34	0.0	0.0	0.0	0.0	0			
2006-Apr-13	2:12								Pressure Test Lines		
2006-Apr-13	2:13	78	8.35	0.0	0.0	4.7	0.2	0			
2006-Apr-13	2:13	328	8.34	0.1	0.1	0.0	0.5	0			
2006-Apr-13	2:14	1539	8.33	0.0	0.1	0.0	0.5	0			
2006-Apr-13	2:14	62	8.32	0.0	0.1	3.7	1.3	0			
2006-Apr-13	2:14	60	8.33	0.0	0.1	3.8	1.8	0			
2006-Apr-13	2:14								Start Water Spacer		
2006-Apr-13	2:15	63	8.33	4.3	0.6	4.2	3.2	0			
2006-Apr-13	2:15	126	8.32	5.9	3.5	6.0	6.0	0			
2006-Apr-13	2:16	127	8.32	6.1	6.5	6.2	9.0	0			
2006-Apr-13	2:16	130	8.40	6.2	9.5	6.4	12.2	0			
2006-Apr-13	2:16								Reset Total, Vol = 9.96 bbl		
2006-Apr-13	2:16	131	8.63	6.2	10.0	6.4	12.6	0			
2006-Apr-13	2:16	132	8.73	6.2	0.2	6.4	0.2	0			
2006-Apr-13	2:16								Start Mixing Lead Slurry		
2006-Apr-13	2:17	154	10.15	6.2	2.7	6.5	2.8	0			
2006-Apr-13	2:17	172	11.24	6.4	5.9	6.6	6.1	0			
2006-Apr-13	2:18	186	11.86	6.4	9.1	6.8	9.4	0			
2006-Apr-13	2:18	180	12.28	6.1	12.3	6.5	12.8	0			
2006-Apr-13	2:19	178	12.58	6.2	15.3	6.6	16.0	0			

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Well		Field			Service Date		Customer		Job Number
WALKER A #3		PANOMA			06103-Apr-13		OXY RESOURCE CALIFORNIA LLC		2205551008
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	Flowmeter	Flowmeter Volume	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	bbl/min	bbl	0	
2006-Apr-13	2:19	171	12.49	6.2	18.4	6.6	19.3	0	
2006-Apr-13	2:20	168	12.40	6.3	21.6	6.5	22.5	0	
2006-Apr-13	2:20	168	12.39	6.3	24.7	6.5	25.8	0	
2006-Apr-13	2:21	168	12.40	6.3	27.9	6.6	29.1	0	
2006-Apr-13	2:21	170	12.34	6.4	31.1	6.6	32.4	0	
2006-Apr-13	2:22	168	12.24	6.4	34.3	6.6	35.7	0	
2006-Apr-13	2:22	167	12.11	6.4	37.5	6.6	39.0	0	
2006-Apr-13	2:23	165	11.77	6.5	40.7	6.6	42.4	0	
2006-Apr-13	2:23	163	11.84	6.5	43.9	6.8	45.8	0	
2006-Apr-13	2:24	168	12.01	6.5	47.2	6.7	49.2	0	
2006-Apr-13	2:24	171	12.19	6.5	50.4	7.0	52.6	0	
2006-Apr-13	2:25	178	12.40	6.5	53.7	7.0	56.0	0	
2006-Apr-13	2:25	184	12.58	6.5	57.0	6.8	59.4	0	
2006-Apr-13	2:26	183	12.47	6.5	60.2	6.9	62.8	0	
2006-Apr-13	2:26	179	12.37	6.6	63.5	6.8	66.2	0	
2006-Apr-13	2:27	178	12.34	6.6	66.8	6.8	69.6	0	
2006-Apr-13	2:27	179	12.28	6.6	70.1	6.9	73.0	0	
2006-Apr-13	2:28	176	12.13	6.6	73.4	6.9	76.5	0	
2006-Apr-13	2:28	177	12.20	6.6	76.7	6.9	79.9	0	
2006-Apr-13	2:29	176	12.23	6.6	80.0	7.1	83.3	0	
2006-Apr-13	2:29	144	11.77	6.0	83.0	6.3	86.5	0	
2006-Apr-13	2:30	144	12.25	6.0	85.9	6.2	89.5	0	
2006-Apr-13	2:30								Reset Total, Vol = 87 bbl
2006-Apr-13	2:30	144	12.27	6.0	0.1	6.2	0.1	0	
2006-Apr-13	2:30								Start Mixing Tail Slurry
2006-Apr-13	2:30	161	13.49	5.9	3.1	6.2	3.2	0	
2006-Apr-13	2:31	181	14.27	5.9	6.0	6.1	6.3	0	
2006-Apr-13	2:31	198	14.89	5.9	9.0	6.1	9.3	0	
2006-Apr-13	2:32	199	14.76	6.0	12.0	6.1	12.4	0	
2006-Apr-13	2:32	194	14.62	6.0	15.0	6.1	15.5	0	
2006-Apr-13	2:33	197	14.91	6.0	17.9	6.2	18.5	0	
2006-Apr-13	2:33	200	14.89	6.0	20.9	6.1	21.6	0	
2006-Apr-13	2:34	193	14.69	6.0	23.9	6.2	24.7	0	
2006-Apr-13	2:34	190	14.77	6.0	26.9	6.2	27.8	0	
2006-Apr-13	2:35	206	15.03	6.0	29.9	6.2	30.8	0	
2006-Apr-13	2:35	201	14.91	6.0	32.9	6.1	33.9	0	
2006-Apr-13	2:36	205	15.02	6.0	35.8	6.2	37.0	0	
2006-Apr-13	2:36	202	15.10	6.0	38.8	6.2	40.1	0	
2006-Apr-13	2:37	101	15.50	3.9	41.5	4.9	42.9	0	
2006-Apr-13	2:37	92	15.35	3.7	43.4	4.0	45.0	0	
2006-Apr-13	2:38	-9	15.07	0.0	44.9	1.1	47.0	0	
2006-Apr-13	2:38	-9	15.07	0.0	44.9	0.0	47.1	0	
2006-Apr-13	2:38								Reset Total, Vol = 47 bbl
2006-Apr-13	2:38								Start Displacement
2006-Apr-13	2:38	-9	15.07	0.0	0.0	0.0	0.0	0	
2006-Apr-13	2:38								Drop Top Plug
2006-Apr-13	2:38	-10	14.99	0.0	0.0	0.0	0.0	0	
2006-Apr-13	2:39	-9	11.76	0.0	0.0	0.0	0.0	0	
2006-Apr-13	2:39	-9	10.66	0.0	0.0	0.1	0.0	0	
2006-Apr-13	2:40	-9	10.22	0.0	0.0	0.0	0.0	0	
2006-Apr-13	2:40	-9	10.22	0.0	0.0	0.0	0.0	0	
2006-Apr-13	2:41	82	8.99	4.7	0.7	5.1	0.8	0	
2006-Apr-13	2:41	73	8.99	4.8	3.0	5.5	3.5	0	
2006-Apr-13	2:42	73	8.89	5.1	5.5	5.5	6.3	0	

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Well		Field			Service Date		Customer		Job Number
WALKER A #3		PANOMA			06103-Apr-13		OXY RESOURCE CALIFORNIA LLC		2205551008
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	Flowmeter	Flowmeter volume	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	bbl/min	bbl	0	
2006-Apr-13	2:42	64	8.35	5.1	8.1	5.7	9.1	0	
2006-Apr-13	2:43	64	8.38	5.2	10.7	5.8	12.0	0	
2006-Apr-13	2:43	64	8.40	5.2	13.3	5.8	14.8	0	
2006-Apr-13	2:44	64	8.34	5.2	15.9	5.7	17.7	0	
2006-Apr-13	2:44	68	8.34	5.2	18.5	5.4	20.5	0	
2006-Apr-13	2:45	78	8.35	5.2	21.1	5.3	23.1	0	
2006-Apr-13	2:45	95	8.35	5.2	23.7	5.2	25.8	0	
2006-Apr-13	2:46	116	8.34	5.2	26.3	5.2	28.4	0	
2006-Apr-13	2:46	136	8.34	5.2	28.9	5.2	31.0	0	
2006-Apr-13	2:47	154	8.35	5.3	31.5	5.3	33.6	0	
2006-Apr-13	2:47	175	8.37	5.2	34.1	5.2	36.2	0	
2006-Apr-13	2:48	195	8.34	5.3	36.7	5.2	38.8	0	
2006-Apr-13	2:48	212	8.34	5.3	39.4	5.2	41.4	0	
2006-Apr-13	2:49	233	8.35	5.2	42.0	5.2	44.0	0	
2006-Apr-13	2:49	254	8.35	5.3	44.6	5.1	46.6	0	
2006-Apr-13	2:50	208	8.34	2.6	46.7	2.5	48.8	0	
2006-Apr-13	2:50	213	8.34	2.6	48.0	2.4	50.0	0	
2006-Apr-13	2:51	217	8.34	2.6	49.3	2.4	51.2	0	
2006-Apr-13	2:51	224	8.35	2.6	50.5	2.4	52.4	0	
2006-Apr-13	2:52	238	8.34	2.6	51.8	2.4	53.6	0	
2006-Apr-13	2:52	806	8.34	0.0	52.9	0.4	54.7	0	
2006-Apr-13	2:53	764	8.34	0.0	52.9	0.0	54.8	0	
2006-Apr-13	2:53	696	8.34	0.0	52.9	0.0	54.8	0	
2006-Apr-13	2:54	233	8.34	0.0	52.9	0.0	54.8	0	
2006-Apr-13	2:54								Reset Total, Vol = 52.89 bbl
2006-Apr-13	2:54	-5	8.34	0.0	52.9	0.0	54.8	0	
2006-Apr-13	2:54								Bump Top Plug
2006-Apr-13	2:54	-5	8.34	0.0	0.0	0.0	0.0	0	
2006-Apr-13	2:54								End Displacement
2006-Apr-13	2:54	-5	8.34	0.0	0.0	0.0	0.0	0	
2006-Apr-13	2:54								Float Holding
2006-Apr-13	2:54	-5	8.34	0.0	0.0	0.0	0.0	0	
2006-Apr-13	2:54	-5	8.35	0.0	0.0	0.0	0.0	0	
2006-Apr-13	2:54								No Cement to Surface
2006-Apr-13	2:54	-5	8.35	0.0	0.0	0.0	0.0	0	

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Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5			6.5	134		10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
230		100	850			8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface?		Volume	bbl		
%	136 bbl	54 bbl	°F	<input type="checkbox"/> Washed Thru Perfs		To	ft		
Customer or Authorized Representative			Schlumberger Supervisor						
Fillpot, Greg			Ousley, John			<input type="checkbox"/> Circulation Lost		<input type="checkbox"/> Job Completed	

Client: Oxy USA
 Well Name: Walker A
 Well Number: 3
 Legal Location: Sec 16-T26S-R33W
 County: Finney
 State: Kansas

Job Number: 2205551008
 Job Type: Top Out
 Hole Size: 12 1/4
 Casing Size: 8 5/8
 Total Depth: 350
 DV Tool @

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Fluid Systems

Mud:	8.4 lb/gal	bbbl			
weight:	8.4 lb/gal				
height:	0 feet				
Spacer:	8.33 lb/gal	10 bbl	Fresh Water		
weight:	8.33 lb/gal		volumes:	56 cuft	slurry: 10 bbbls
yield:	cuft/sk		height:	136 feet	water: 10 bbbls
mix req:	gal/sk				
Lead:	14.8 lb/gal	325 sks	Class C Neat		
weight:	14.8 lb/gal		volumes:	436 cuft	slurry: 78 bbbls
yield:	1.34 cuft/sk		height:	1,055 feet	water: 49 bbbls
mix req:	6.3 gal/sk				Thickening Time: hr:min
Tail:	14.8 lb/gal	25 sks	Class C Neat		
weight:	14.8 lb/gal		volumes:	34 cuft	slurry: 6 bbbls
yield:	1.34 cuft/sk		height:	81 feet	water: 4 bbbls
mix req:	6.3 gal/sk				Thickening Time: hr:min
Displacement:	8.33 lb/gal	20.51 bbl	Fresh Water		density
	8.33 lb/gal				8.33 lb/gal
Total:		20.51 bbl			

Casing Data

O.D.	8.625 inches	CSG vol:	0.0637 bbl/ft	Ann. vol:	0.0735 bbl/ft
I.D.	8.097 inches	OH vol:	0.1458 bbl/ft		2.4228 ft/cuft
Csg Wt:	Feet	volume		Shoe Joint Length	
0.0637	24	350.00	22.30 bbbls.	Csg:	35.00 feet
0.0637	24	7.00	0.45 bbbls.	Shoe:	feet
0.0637	24		0.00 bbbls.	Collar:	feet

Volumes

Total Depth	350 feet	7.00 Above Floor		
Total Pipe	357.00 feet	22.74 bbbls.	Open Hole	51.02 bbbls.
Shoe Joint	35 feet	2.23 bbbls.	Annulus	26.24 bbbls.
Float Collar@	322 feet	20.51 bbbls.	Total Water	102 bbbls needed
TOC LEAD	0 ft	Final Diff. Pressure	psi	
TOC TAIL	276 ft	Bump Top Plug to	psi @ approx.	hours
Excess	210 %	Circulated	bbbls to Surface	

Casing Wt (Air)	8,568 lbs.	Casing Area ID	51.4919 sq in.
Hyd PSI(Annulus)	275 psi	Hyd PSI(Casing)	166 psi
Csg Cross Sect.	6.9345 sq in.	#VALUE!	166
Bouyancy	1,905 lbs.	Casing Lift Pressure	129 psi
Hook Load	6,663 lbs.	Differential Lift Pressure	108 psi

Customer OXY RESOURCE CALIFORNIA LLC						Job Number 2205551008				
Well WALKER A 3			Location (legal) SEC 16-T26S-R33W			Schlumberger Location Perryton, TX		Job Start 2006-Apr-13		
Field PANOMA		Formation Name/Type			Deviation °	Bit Size 12.3 in	Well MD 894 ft	Well TVD 894 ft		
County FINNEY		State/Province KANSAS			BHP psi	BHST 88 °F	BHCT °F	Pore Press. Gradient psi/ft		
Well Master: 0630792276		API / UWI: 15055219110000			Casing/Liner					
Rig Name CHEYENNE 11	Drilled For Oil & Gas		Service Via Land		Depth, ft 879.07	Size, in 8.63	Weight, lb/ft 24	Grade	Thread 8RD	
Offshore Zone	Well Class New		Well Type Development		12	8.63	24		LJ	
Drilling Fluid Type		Max. Density 8.5 lb/gal	Plastic Viscosity cp		Depth,	Size, in	Weight, lb/ft	Grade	Thread	
Service Line Cementing		Job Type Cem Surface Casing			Perforations/Open Hole					
Max. Allowed Tubing Pressure 500 psi	Max. Allowed Ann. Pressure psi		Wellhead Connection 8 5/8" H&SM		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	
Service Instructions CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 230 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.5 pps D029 195 SK CLASS C + 2% S001 + 0.25 pps D029									Diameter in	
					Treat Down Casing	Displacement 54 bbl		Packer Type	Packer Depth ft	
					Tubing Vol. bbl	Casing Vol. 56.8 bbl	Annular Vol. 66 bbl	Open Hole Vol. 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: 430 psi		Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input type="checkbox"/>			Shoe Type:		Squeeze Type
No. Centralizers:		Top Plugs: 1	Bottom Plugs:		Shoe Depth: 350 ft		Tool Type:			
Cement Head Type: Single		Job Scheduled For: 4/12/2006 21:30			Arrived on Location: 2006-Apr-12 22:00		Leave Location: 2006-Apr-13		Stage Tool Type:	Tool Depth: ft
									Stage Tool Depth: ft	Tail Pipe Size: in
									Collar Type:	Tail Pipe Depth: ft
									Collar Depth: ft	Sqz Total Vol: bbl
Date	Time	Treating Pressure 24 hr clock psi	Density lb/gal	Triplex Rate bbl/min	Triplex Volume bbl	Flowmeter bbl/min	Flowmeter volume bbl		Message	
2006-Apr-13	10:44	-9	8.35	0.0	0.0	0.0	0.0	0		
2006-Apr-13	10:44								Pressure Test Lines	
2006-Apr-13	10:44	-9	8.35	0.0	0.0	0.0	0.0	0		
2006-Apr-13	10:45	-9	8.35	0.0	0.0	0.0	0.0	0		
2006-Apr-13	10:45	2573	8.30	0.0	0.0	0.1	0.1	0		
2006-Apr-13	10:46	2470	8.29	0.0	0.0	0.0	0.1	0		
2006-Apr-13	10:46	2439	8.30	0.0	0.0	0.0	0.1	0		
2006-Apr-13	10:47	73	-6.24	0.0	0.0	0.0	0.1	0		
2006-Apr-13	10:47	86	8.29	0.0	0.0	0.0	0.1	0		
2006-Apr-13	10:47	105	8.29	0.9	0.0	16.9	0.1	0		
2006-Apr-13	10:47								Start Pumping Spacer	
2006-Apr-13	10:48	137	8.28	1.4	0.3	1.0	0.5	0		
2006-Apr-13	10:48	299	8.31	2.2	1.3	2.1	1.4	0		
2006-Apr-13	10:49	385	8.33	2.9	2.7	2.8	2.7	0		
2006-Apr-13	10:49	390	8.33	3.0	4.2	2.8	4.1	0		
2006-Apr-13	10:50	390	8.33	3.0	5.7	2.8	5.5	0		
2006-Apr-13	10:50	379	7.71	3.0	7.1	3.5	7.0	0		
2006-Apr-13	10:51	384	8.32	3.0	8.6	2.9	8.5	0		
2006-Apr-13	10:51	411	8.33	3.0	10.1	2.9	10.0	0		
2006-Apr-13	10:52								Start Cement Slurry	
2006-Apr-13	10:52	433	9.14	3.0	11.6	3.0	11.4	0		
2006-Apr-13	10:52	450	11.15	3.0	1.5	3.0	1.5	0		

Well			Field		Service Date		Customer		Job Number
WALKER A #3			PANOMA		06103-Apr-13		OXY RESOURCE CALIFORNIA LLC		2205551008
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	Flowmeter	Flowmeter volume	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	bbl/min	bbl	0	
2006-Apr-13	10:53	460	12.74	3.0	3.0	3.0	3.0	0	
2006-Apr-13	10:53	468	14.14	3.0	4.5	3.0	4.5	0	
2006-Apr-13	10:54	469	14.65	3.0	6.0	3.0	6.0	0	
2006-Apr-13	10:54	470	14.89	3.0	7.5	3.0	7.5	0	
2006-Apr-13	10:55	485	14.92	3.0	9.0	3.0	9.0	0	
2006-Apr-13	10:55	470	14.64	3.0	10.4	3.0	10.5	0	
2006-Apr-13	10:56	453	14.64	3.0	11.9	3.0	12.0	0	
2006-Apr-13	10:56	378	14.89	3.1	13.5	3.1	13.5	0	
2006-Apr-13	10:57	366	14.99	3.1	15.0	3.1	15.0	0	
2006-Apr-13	10:57	355	14.95	3.0	16.5	3.1	16.6	0	
2006-Apr-13	10:58	347	14.93	3.0	18.0	3.1	18.1	0	
2006-Apr-13	10:58	336	14.91	3.0	19.6	3.1	19.6	0	
2006-Apr-13	10:59	330	14.88	3.0	21.1	3.1	21.2	0	
2006-Apr-13	10:59	323	14.84	3.1	22.6	3.1	22.7	0	
2006-Apr-13	11:00	330	14.69	3.1	24.2	3.1	24.3	0	
2006-Apr-13	11:00	365	14.76	3.0	25.7	3.1	25.8	0	
2006-Apr-13	11:01	427	15.03	3.0	27.2	3.0	27.3	0	
2006-Apr-13	11:01	441	15.10	3.0	28.7	3.0	28.8	0	
2006-Apr-13	11:02	444	14.97	3.0	30.2	3.0	30.4	0	
2006-Apr-13	11:02	445	14.87	3.0	31.7	3.0	31.9	0	
2006-Apr-13	11:03	444	14.73	3.0	33.3	3.0	33.4	0	
2006-Apr-13	11:03	443	14.65	3.0	34.8	3.0	34.9	0	
2006-Apr-13	11:04	441	14.57	3.0	36.3	3.0	36.4	0	
2006-Apr-13	11:04	437	14.30	3.0	37.8	3.0	37.9	0	
2006-Apr-13	11:05	440	14.76	3.0	39.3	3.0	39.4	0	
2006-Apr-13	11:05	447	15.02	3.0	40.8	3.0	40.9	0	
2006-Apr-13	11:06	434	15.00	3.0	42.3	3.0	42.5	0	
2006-Apr-13	11:06	436	14.89	3.0	43.9	3.1	44.0	0	
2006-Apr-13	11:07	438	14.81	3.1	45.4	3.1	45.5	0	
2006-Apr-13	11:07	440	14.69	3.1	46.9	3.1	47.0	0	
2006-Apr-13	11:08	433	14.62	3.0	48.4	3.1	48.6	0	
2006-Apr-13	11:08	431	14.64	3.1	50.0	3.0	50.1	0	
2006-Apr-13	11:09	432	15.00	3.1	51.5	3.1	51.6	0	
2006-Apr-13	11:09	437	14.97	3.1	53.1	3.1	53.2	0	
2006-Apr-13	11:10	428	14.77	3.1	54.6	3.1	54.7	0	
2006-Apr-13	11:10	426	14.88	3.1	56.1	3.1	56.3	0	
2006-Apr-13	11:11	421	15.11	3.1	57.7	3.1	57.8	0	
2006-Apr-13	11:11	418	15.14	3.1	59.2	3.1	59.3	0	
2006-Apr-13	11:12	424	15.22	3.1	60.8	3.1	60.9	0	
2006-Apr-13	11:12	105	15.11	0.0	61.9	2.9	62.4	0	
2006-Apr-13	11:13	92	13.04	0.0	61.9	3.2	64.0	0	
2006-Apr-13	11:13								Shutdown 15 min
2006-Apr-13	11:13	92	13.04	0.0	61.9	3.2	64.4	0	
2006-Apr-13	11:13	87	13.06	0.0	61.9	3.2	65.6	0	
2006-Apr-13	11:14	85	13.04	0.0	61.9	3.2	67.1	0	
2006-Apr-13	11:14	82	13.04	0.0	61.9	3.3	68.8	0	
2006-Apr-13	11:15	82	13.04	0.0	61.9	3.3	70.4	0	
2006-Apr-13	11:15	82	13.04	0.0	61.9	3.3	72.0	0	
2006-Apr-13	11:16	82	13.04	0.0	61.9	3.3	73.7	0	
2006-Apr-13	11:16	80	13.03	0.0	61.9	3.2	75.3	0	
2006-Apr-13	11:17	78	13.03	0.0	61.9	3.3	76.9	0	
2006-Apr-13	11:17	78	13.02	0.0	61.9	3.3	78.6	0	
2006-Apr-13	11:18	78	13.02	0.0	61.9	3.3	80.2	0	
2006-Apr-13	11:18	78	13.01	0.0	61.9	3.3	81.9	0	

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Well		Field			Service Date		Customer		Job Number
WALKER A #3		PANOMA			06103-Apr-13		OXY RESOURCE CALIFORNIA LLC		2205551008
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	Flowmeter	Flowmeter volume	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	bbl/mln	bbl	0	
2006-Apr-13	11:19	78	13.01	0.0	61.9	3.4	83.5	0	
2006-Apr-13	11:19	78	13.01	0.0	61.9	3.3	85.2	0	
2006-Apr-13	11:20	78	13.01	0.0	61.9	3.3	86.9	0	
2006-Apr-13	11:20	78	13.00	0.0	61.9	3.3	88.5	0	
2006-Apr-13	11:21	77	13.00	0.0	61.9	3.3	90.2	0	
2006-Apr-13	11:21	77	13.00	0.0	61.9	3.3	91.9	0	
2006-Apr-13	11:22	77	13.00	0.0	61.9	3.3	93.5	0	
2006-Apr-13	11:22	76	12.99	0.0	61.9	3.4	95.2	0	
2006-Apr-13	11:23	74	12.99	0.0	61.9	3.3	96.9	0	
2006-Apr-13	11:23	73	12.99	0.0	61.9	3.3	98.5	0	
2006-Apr-13	11:24	73	12.99	0.0	61.9	3.4	100.3	0	
2006-Apr-13	11:24	73	12.98	0.0	61.9	3.3	101.9	0	
2006-Apr-13	11:25	73	12.98	0.0	61.9	3.4	103.6	0	
2006-Apr-13	11:25	73	12.98	0.0	61.9	3.4	105.3	0	
2006-Apr-13	11:26	73	12.98	0.0	61.9	3.3	106.9	0	
2006-Apr-13	11:26	73	12.98	0.0	61.9	3.3	108.6	0	
2006-Apr-13	11:27	73	12.98	0.0	61.9	3.3	110.3	0	
2006-Apr-13	11:27	73	12.98	0.0	61.9	3.3	111.9	0	
2006-Apr-13	11:28	73	12.98	0.0	61.9	3.3	113.6	0	
2006-Apr-13	11:28	73	12.98	0.0	61.9	3.3	115.2	0	
2006-Apr-13	11:29	73	13.04	0.0	61.9	3.3	116.9	0	
2006-Apr-13	11:29	80	14.64	0.0	61.9	3.4	118.5	0	
2006-Apr-13	11:30	360	15.17	2.7	62.9	2.7	119.7	0	
2006-Apr-13	11:30	357	15.16	2.7	64.2	2.7	121.1	0	
2006-Apr-13	11:31	359	14.98	2.7	65.6	2.8	122.5	0	
2006-Apr-13	11:31	355	15.05	2.7	66.9	2.8	123.9	0	
2006-Apr-13	11:32	359	14.88	2.7	68.3	2.8	125.3	0	
2006-Apr-13	11:32	358	14.49	2.7	69.7	2.8	126.7	0	
2006-Apr-13	11:33	358	14.69	2.7	71.0	2.7	128.1	0	
2006-Apr-13	11:33	357	14.81	2.7	72.4	2.8	129.4	0	
2006-Apr-13	11:34	363	14.81	2.8	73.8	2.8	130.8	0	
2006-Apr-13	11:34	364	14.81	2.8	75.2	2.8	132.2	0	
2006-Apr-13	11:35	128	14.02	0.0	75.6	3.0	133.3	0	
2006-Apr-13	11:35								Shutdown 15 min
2006-Apr-13	11:35	118	13.11	0.0	75.6	3.1	133.7	0	
2006-Apr-13	11:35	124	13.11	0.0	75.6	3.1	135.2	0	
2006-Apr-13	11:36	119	13.09	0.0	75.6	3.1	136.8	0	
2006-Apr-13	11:36	119	13.09	0.0	75.6	3.1	138.4	0	
2006-Apr-13	11:37	114	13.05	0.0	75.6	3.2	140.0	0	
2006-Apr-13	11:37	114	13.04	0.0	75.6	3.2	141.6	0	
2006-Apr-13	11:38	114	13.04	0.0	75.6	3.2	143.2	0	
2006-Apr-13	11:38	110	13.03	0.0	75.6	3.2	144.8	0	
2006-Apr-13	11:39	110	13.02	0.0	75.6	3.2	146.4	0	
2006-Apr-13	11:39	110	13.01	0.0	75.6	3.2	148.0	0	
2006-Apr-13	11:40	105	13.01	0.0	75.6	3.2	149.6	0	
2006-Apr-13	11:40	105	13.00	0.0	75.6	3.2	151.1	0	
2006-Apr-13	11:41	105	13.00	0.0	75.6	3.2	152.7	0	
2006-Apr-13	11:41	105	12.98	0.0	75.6	3.2	154.3	0	
2006-Apr-13	11:42	101	12.98	0.0	75.6	3.2	155.9	0	
2006-Apr-13	11:42	101	12.98	0.0	75.6	3.2	157.5	0	
2006-Apr-13	11:43	101	12.98	0.0	75.6	3.1	159.1	0	
2006-Apr-13	11:43	101	12.98	0.0	75.6	3.2	160.7	0	
2006-Apr-13	11:44	101	12.98	0.0	75.6	3.1	162.3	0	
2006-Apr-13	11:44	101	12.98	0.0	75.6	3.2	163.9	0	

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Well			Field		Service Date		Customer		Job Number
WALKER A #3			PANOMA		06103-Apr-13		OXY RESOURCE CALIFORNIA LLC		2205551008
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	Flowmeter	Flowmeter volume	0	Message
	24 hr clock	psl	lb/gal	bbl/min	bbl	bbl/min	bbl	0	
2006-Apr-13	11:45	99	12.98	0.0	75.6	3.2	165.5	0	
2006-Apr-13	11:45	96	12.97	0.0	75.6	3.2	167.1	0	
2006-Apr-13	11:46	96	12.97	0.0	75.6	3.2	168.7	0	
2006-Apr-13	11:46	96	12.97	0.0	75.6	3.2	170.3	0	
2006-Apr-13	11:47	96	12.98	0.0	75.6	3.1	171.9	0	
2006-Apr-13	11:47	96	12.97	0.0	75.6	3.1	173.5	0	
2006-Apr-13	11:48	96	12.97	0.0	75.6	3.2	175.1	0	
2006-Apr-13	11:48	96	14.19	0.0	75.6	3.2	176.7	0	
2006-Apr-13	11:49	229	14.46	2.4	76.0	2.4	177.8	0	
2006-Apr-13	11:49	318	14.80	2.4	77.2	2.4	179.0	0	
2006-Apr-13	11:50	329	14.68	2.4	78.4	2.4	180.2	0	
2006-Apr-13	11:50	331	14.65	2.4	79.6	2.4	181.4	0	
2006-Apr-13	11:51	324	14.65	2.4	80.8	2.4	182.6	0	
2006-Apr-13	11:51	345	14.64	2.4	82.0	2.4	183.8	0	
2006-Apr-13	11:52	346	14.64	2.4	83.2	2.4	185.0	0	
2006-Apr-13	11:52	160	14.59	0.0	83.5	1.0	185.6	0	
2006-Apr-13	11:52								Reset Total, Vol = 83.53 bbl
2006-Apr-13	11:52								Shutdown 15 min
2006-Apr-13	11:52	156	14.54	0.0	0.0	0.3	0.0	0	
2006-Apr-13	11:52	149	11.79	0.0	0.0	2.9	0.2	0	
2006-Apr-13	11:53	151	9.96	0.0	0.0	3.2	1.7	0	
2006-Apr-13	11:53	146	9.82	0.0	0.0	3.2	3.3	0	
2006-Apr-13	11:54	143	9.82	0.0	0.0	3.2	4.9	0	
2006-Apr-13	11:54	142	9.80	0.0	0.0	3.2	6.5	0	
2006-Apr-13	11:55	142	9.80	0.0	0.0	3.2	8.1	0	
2006-Apr-13	11:55	137	9.79	0.0	0.0	3.2	9.7	0	
2006-Apr-13	11:56	137	9.80	0.0	0.0	3.2	11.3	0	
2006-Apr-13	11:56	137	9.75	0.0	0.0	3.2	12.9	0	
2006-Apr-13	11:57	137	9.57	0.0	0.0	3.3	14.5	0	
2006-Apr-13	11:57	133	9.55	0.0	0.0	3.2	16.1	0	
2006-Apr-13	11:58	133	9.54	0.0	0.0	3.1	17.7	0	
2006-Apr-13	11:58	133	9.54	0.0	0.0	3.1	19.2	0	
2006-Apr-13	11:59	133	9.46	0.0	0.0	3.2	20.8	0	
2006-Apr-13	11:59	131	9.46	0.0	0.0	3.1	22.4	0	
2006-Apr-13	12:00	128	9.44	0.0	0.0	3.2	24.0	0	
2006-Apr-13	12:00	128	9.44	0.0	0.0	3.2	25.6	0	
2006-Apr-13	12:01	128	9.43	0.0	0.0	3.2	27.2	0	
2006-Apr-13	12:01	128	9.25	0.0	0.0	3.6	28.8	0	
2006-Apr-13	12:02	128	9.07	0.0	0.0	3.5	30.6	0	
2006-Apr-13	12:02	124	9.05	0.0	0.0	3.6	32.4	0	
2006-Apr-13	12:03	124	9.01	0.0	0.0	3.6	34.1	0	
2006-Apr-13	12:03	124	8.95	0.0	0.0	3.5	35.9	0	
2006-Apr-13	12:04	124	8.95	0.0	0.0	3.5	37.7	0	
2006-Apr-13	12:04	124	8.95	0.0	0.0	3.5	39.4	0	
2006-Apr-13	12:05	124	8.95	0.0	0.0	3.5	41.2	0	
2006-Apr-13	12:05								Start Displacement
2006-Apr-13	12:05	124	8.95	0.0	0.0	3.6	42.1	0	
2006-Apr-13	12:05	124	8.95	0.0	0.0	3.6	43.0	0	
2006-Apr-13	12:06	119	8.95	0.0	0.0	3.5	44.8	0	
2006-Apr-13	12:06	119	8.95	0.0	0.0	3.5	46.5	0	
2006-Apr-13	12:07	119	8.95	0.0	0.0	3.5	48.3	0	
2006-Apr-13	12:07	119	8.95	0.0	0.0	2.0	50.0	0	
2006-Apr-13	12:08	299	8.95	2.0	0.9	2.0	50.9	0	
2006-Apr-13	12:08	296	8.97	2.0	1.8	2.0	51.8	0	

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Well			Field			Service Date		Customer		Job Number
WALKER A #3			PANOMA			06103-Apr-13		OXY RESOURCE CALIFORNIA LLC		2205551008
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	Flowmeter	Flowmeter volume	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	bbl/min	bbl	0		
2006-Apr-13	12:09	305	8.99	2.0	2.8	1.9	52.8	0		
2006-Apr-13	12:09	314	8.99	2.0	3.8	1.9	53.7	0		
2006-Apr-13	12:10	323	8.99	2.0	4.8	1.9	54.7	0		
2006-Apr-13	12:10	329	8.89	2.0	5.8	1.9	55.7	0		
2006-Apr-13	12:11	334	8.36	1.9	6.8	2.4	56.7	0		
2006-Apr-13	12:11	337	8.34	2.0	7.7	1.9	57.6	0		
2006-Apr-13	12:12	340	8.33	2.0	8.7	1.9	58.5	0		
2006-Apr-13	12:12	333	8.33	2.0	9.7	1.8	59.5	0		
2006-Apr-13	12:13	261	8.33	0.0	10.2	0.0	60.1	0		
2006-Apr-13	12:13								Shutdown 15 min	
2006-Apr-13	12:13	239	8.33	0.0	10.2	1.4	60.1	0		
2006-Apr-13	12:13	221	8.57	0.0	10.2	2.9	61.6	0		
2006-Apr-13	12:14	220	8.52	0.0	10.2	3.1	63.1	0		
2006-Apr-13	12:14	220	8.51	0.0	10.2	3.1	64.7	0		
2006-Apr-13	12:15	216	8.45	0.0	10.2	3.2	66.2	0		
2006-Apr-13	12:15	211	8.46	0.0	10.2	3.1	67.8	0		
2006-Apr-13	12:16	211	8.46	0.0	10.2	3.2	69.4	0		
2006-Apr-13	12:16	206	8.46	0.0	10.2	3.1	70.9	0		
2006-Apr-13	12:17	206	8.45	0.0	10.2	3.2	72.5	0		
2006-Apr-13	12:17	206	8.45	0.0	10.2	3.1	74.1	0		
2006-Apr-13	12:18	206	8.45	0.0	10.2	3.1	75.7	0		
2006-Apr-13	12:18	206	8.45	0.0	10.2	3.1	77.2	0		
2006-Apr-13	12:19	205	8.45	0.0	10.2	3.1	78.8	0		
2006-Apr-13	12:19	202	8.45	0.0	10.2	3.2	80.4	0		
2006-Apr-13	12:20	201	8.45	0.0	10.2	3.2	82.0	0		
2006-Apr-13	12:20	201	8.44	0.0	10.2	3.2	83.6	0		
2006-Apr-13	12:21	201	8.44	0.0	10.2	3.1	85.2	0		
2006-Apr-13	12:21	201	8.44	0.0	10.2	3.2	86.8	0		
2006-Apr-13	12:22	201	8.44	0.0	10.2	3.2	88.4	0		
2006-Apr-13	12:22	201	8.44	0.0	10.2	3.2	90.0	0		
2006-Apr-13	12:23	198	8.44	0.0	10.2	3.2	91.6	0		
2006-Apr-13	12:23	197	8.44	0.0	10.2	3.2	93.1	0		
2006-Apr-13	12:24	197	8.44	0.0	10.2	3.2	94.7	0		
2006-Apr-13	12:24	197	8.44	0.0	10.2	3.2	96.3	0		
2006-Apr-13	12:25	197	8.43	0.0	10.2	3.1	97.9	0		
2006-Apr-13	12:25	195	8.43	0.0	10.2	3.2	99.5	0		
2006-Apr-13	12:26	192	8.43	0.0	10.2	3.2	101.1	0		
2006-Apr-13	12:26	192	8.42	0.0	10.2	3.2	102.7	0		
2006-Apr-13	12:27	192	8.40	0.0	10.2	3.3	104.3	0		
2006-Apr-13	12:27	192	8.38	0.0	10.2	3.2	105.9	0		
2006-Apr-13	12:28	192	8.38	0.0	10.2	3.3	107.6	0		
2006-Apr-13	12:28	300	8.37	2.3	10.6	2.2	108.7	0		
2006-Apr-13	12:29	390	8.37	2.2	11.8	2.2	109.8	0		
2006-Apr-13	12:29	409	8.38	2.2	12.9	2.1	110.9	0		
2006-Apr-13	12:30	414	8.37	2.3	14.0	2.2	112.0	0		
2006-Apr-13	12:30	407	8.36	2.3	15.2	2.1	113.0	0		
2006-Apr-13	12:31	405	8.35	2.2	16.3	2.2	114.1	0		
2006-Apr-13	12:31	409	8.31	2.2	17.4	2.2	115.3	0		
2006-Apr-13	12:32	405	8.32	2.3	18.6	2.2	116.4	0		
2006-Apr-13	12:32	406	8.33	2.2	19.7	2.1	117.5	0		
2006-Apr-13	12:33	409	8.33	2.3	20.8	2.1	118.6	0		
2006-Apr-13	12:33	248	8.33	0.0	20.9	0.0	118.8	0		
2006-Apr-13	12:34	244	8.33	0.0	20.9	0.0	118.8	0		
2006-Apr-13	12:34	241	8.33	0.0	20.9	0.0	118.8	0		

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Well		Field			Service Date		Customer		Job Number
WALKER A #3		PANOMA			06103-Apr-13		OXY RESOURCE CALIFORNIA LLC		2205551008
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	Flowmeter	Flowmeter volume	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	bbl/min	bbl	0	
2006-Apr-13	12:35	-27	8.33	0.0	20.9	0.1	118.8	0	
2006-Apr-13	12:35	-28	8.31	0.0	20.9	0.1	118.8	0	
2006-Apr-13	12:36	-27	8.31	0.0	20.9	0.1	118.8	0	
2006-Apr-13	12:36	-27	8.34	0.0	20.9	0.1	118.9	0	
2006-Apr-13	12:37	-27	8.33	0.0	20.9	0.0	118.9	0	
2006-Apr-13	12:37	-27	8.31	0.0	20.9	0.0	118.9	0	
2006-Apr-13	12:38	-27	8.30	0.0	20.9	0.0	118.9	0	
2006-Apr-13	12:38	-27	8.31	0.0	20.9	0.0	118.9	0	
2006-Apr-13	12:39	-27	8.29	0.0	20.9	0.0	118.9	0	
2006-Apr-13	12:39	-27	8.29	0.0	20.9	0.0	118.9	0	
2006-Apr-13	12:40								End Displacement
2006-Apr-13	12:40	-27	8.28	0.0	20.9	0.0	118.9	0	
2006-Apr-13	12:40	-27	8.28	0.0	20.9	0.0	118.9	0	
2006-Apr-13	12:40								No Cement to Surface
2006-Apr-13	12:40	-27	8.28	0.0	20.9	0.0	118.9	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
2			3	84		12			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
450		375			bbl	8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp		<input type="checkbox"/> Cement Circulated to Surface?	Volume	bbl		
%	136 bbl	20.5 bbl	°F		<input type="checkbox"/> Washed Thru Perfs	To	ft		
Customer or Authorized Representative			Schlumberger Supervisor						
Fillpot, Greg			Ousley, John			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

Client: Oxy USA
 Well Name: Walker A
 Well Number: 3
 Legal Location: Sec 16-T26S-R33W
 County: Finney
 State: Kansas

Job Number: 2205551008
 Job Type: Surface
 Hole Size: 12 1/4
 Casing Size: 8 5/8
 Total Depth: 894
 DV Tool @

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Fluid Systems

Mud:	9.5 lb/gal	0 feet			
weight:					
height:					
Spacer:	10 bbl	Fresh Water			
weight:	8.33 lb/gal	volumes:	56 cuft	slurry:	10 bbbls
yield:	cuft/sk	height:	136 feet	water:	10 bbbls
mix req:	gal/sk				
Lead:	230 sks	35/65 Poz C+6%D20+2%S1+0.25 pps D130			
weight:	12.2 lb/gal	volumes:	501 cuft	slurry:	89 bbbls
yield:	2.18 cuft/sk	height:	1,215 feet	water:	68 bbbls
mix req:	12.395 gal/sk			Thickening Time:	hr:min
Tail:	195 sks	Class C+2%S1+0.125 pps D130			
weight:	14.8 lb/gal	volumes:	261 cuft	slurry:	47 bbbls
yield:	1.34 cuft/sk	height:	633 feet	water:	29 bbbls
mix req:	6.3 gal/sk			Thickening Time:	hr:min
Displacement:	53.99 bbl	Fresh Water		density:	8.33 lb/gal
Total:	53.99 bbl				

Casing Data

O.D.	8.625 inches	CSG vol:	0.0637 bbl/ft	Ann. vol:	0.0735 bbl/ft
I.D.	8.097 inches	OH vol:	0.1458 bbl/ft		2.4228 ft/cuft
Csg Wt:	Feet	volume	Shoe Joint Length		
0.0637	24	879.07	56.00 bbbls.	Csg:	43.45 feet
0.0637	24	12.00	0.76 bbbls.	Shoe:	1.00 feet
0.0637	24		0.00 bbbls.	Collar:	0.00 feet

Volumes

Total Depth	894 feet	1.93 Of Rat Hole			
Total Pipe	892.07 feet	56.82 bbbls.		Open Hole	130.32 bbbls.
Shoe Joint	44.45 feet	2.83 bbbls.		Annulus	65.58 bbbls.
Float Collar@	847.62 feet	53.99 bbbls.		Total Water	197 bbbls needed
TOC LEAD	0 ft	Final Diff. Pressure	230 psi		
TOC TAIL	259 ft	Bump Top Plug to	850	psi @ approx. 2:50	4-13-06 hours
Excess	103 %	Circulated	Ø	bbbls to Surface	

Casing Wt (Air)	21,386 lbs.	Casing Area ID	51.4919 sq in.
Hyd PSI(Annulus)	652 psi	Hyd PSI(Casing)	401 psi
Csg Cross Sect.	6.9345 sq in.	#VALUE!	401
Bouyancy	4,518 lbs.	Casing Lift Pressure	328 psi
Hook Load	16,868 lbs.	Differential Lift Pressure	251 psi

Cementing Service Report

Customer: OXY RESOURCE CALIFORNIA LLC

Job Number: 2205550687

Well: WALKER A 3		Location (legal): SEC 16-T26S-R33W		Schlumberger Location: Perryton, TX		Job Start: 2006-Apr-15			
Field: PANOMA		Formation Name/Type:		Deviation: °		Well MD: 3,100 ft			
County: FINNEY		State/Province: KANSAS		BHP: psi		Well TVD: 3,100 ft			
Well Master: 0630792276		API / UW: 15055219110000		BHT: 121 °F		Pore Press. Gradient: psi/ft			
Rig Name: CHEYENNE 11		Drilled For: Oil & Gas		Service Via: Land		Casing/Liner:			
Offshore Zone:		Well Class: New		Well Type: Development		Depth, ft: 3100			
Drilling Fluid Type:		Max. Density: lb/gal		Plastic Viscosity: cp		Size, in: 4.5			
Service Line: Cementing		Job Type: Cem Prod Casing		Weight, lb/ft: 11.6		Grade:			
Max. Allowed Tubing Pressure: 1500 psi		Max. Allowed Ann. Pressure: psi		Wellhead Connection: 4 1/2" H&SM		Thread:			
Service Instructions: CEMENT 4 1/2 PRODUCTION CASING WITH: 20 bbls CW100 333 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.25 pps D130 235 SK 50/50 POZ:H+2%D20+3%M117+5 pps D42+5 pps D53+0.6%D112+ 0.25%D65+0.25%D46		Wellhead Connection: 4 1/2" H&SM		Top, ft:		Bottom, ft:			
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		spf:		No. of Shots:			
Lift Pressure: psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Total Interval: ft			
No. Centralizers:		Top Plugs: 1		Bottom Plugs:		Diameter: in			
Cement Head Type: Single		Stage Tool Type:		Stage Tool Depth: ft		Packer Type:			
Job Scheduled For: 4/15/2006 9:00		Arrived on Location: 2006-Apr-15		Leave Location: 2006-Apr-15		Packer Depth: ft			
Collar Type: Auto-Fill		Collar Depth: 3069 ft		Annular Vol.: bbl		Open Hole Vol.: bbl			
Casing Tools:		Squeeze Job:		Shoe Type: Guide		Squeeze Type:			
Shoe Depth: 3114 ft		Tool Type:		Tool Depth: ft		Tail Pipe Size: in			
Stage Tool Type:		Tool Depth: ft		Tail Pipe Depth: ft		Sqz Total Vol.: bbl			
Casing Vol.: bbl		Annular Vol.: bbl		Open Hole Vol.: bbl		Message:			
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
2006-Apr-15	13:35	8	0.0	8.34	0.0	0	0	0	
2006-Apr-15	13:35	8	0.0	8.33	0.0	0	0	0	
2006-Apr-15	13:35								Start Job
2006-Apr-15	13:35	8	0.0	8.26	0.0	0	0	0	Start Pumping Wash
2006-Apr-15	13:36	31	1.3	8.31	0.0	0	0	0	
2006-Apr-15	13:36	114	4.2	8.32	1.1	0	0	0	
2006-Apr-15	13:36								Stop Pumping
2006-Apr-15	13:36	8	0.0	8.32	1.2	0	0	0	Pressure Test Lines
2006-Apr-15	13:37	8	0.0	8.29	1.2	0	0	0	
2006-Apr-15	13:38	1377	0.6	8.33	1.2	0	0	0	
2006-Apr-15	13:39	36	0.0	8.33	1.2	0	0	0	
2006-Apr-15	13:39								Pressure Test Lines
2006-Apr-15	13:39	191	4.0	8.34	1.5	0	0	0	
2006-Apr-15	13:39	146	5.4	8.34	2.0	0	0	0	
2006-Apr-15	13:39								Stop Pumping
2006-Apr-15	13:39	164	5.3	8.34	2.8	0	0	0	
2006-Apr-15	13:39								Stop Pumping
2006-Apr-15	13:40	205	6.3	8.34	5.8	0	0	0	
2006-Apr-15	13:41	210	6.3	8.32	12.1	0	0	0	
2006-Apr-15	13:42	223	6.2	8.34	18.3	0	0	0	

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KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS
AUG 10 2006

THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY PROVISIONS - PLEASE READ CAREFULLY.

1. **Acceptance.** By requesting Schlumberger's services, equipment, or products, Customer voluntarily elects to enter into and be bound by these General Terms and Conditions.
2. **Definition.**
 - a. Schlumberger - Schlumberger Technology Corporation, a Texas corporation.
 - b. Customer - the person, firm or other entity to which equipment and/or services are supplied or provided.
 - c. Group - Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors, employees, agents and invitees.
3. **Terms.** Cash in advance unless Schlumberger has approved Customer's credit prior to the sale. Terms of sale for credit-approved accounts are total invoice amount due on or before the 30th day from the date of invoice. Customer shall pay interest on past due balances at the lesser of 1.5% per month or the maximum allowed by applicable state or federal law. If Customer's account becomes delinquent, Schlumberger shall have the right to revoke any and all previously applied discounts. Upon such revocation, the full invoice price without discount will become immediately due and owing and subject to collection. Customer hereby agrees to pay all fees directly or indirectly incurred in the collection of past due or delinquent accounts.
4. **Taxes.** Customer shall pay any and all taxes or other levies (other than income taxes) imposed by any government, governmental unit or similar authority with respect to the charges made or payments received in connection with Schlumberger's services, equipment or products.
5. **Independent Contractor.** Schlumberger is and shall be an independent contractor with respect to the performance of the services set forth on this Service Contract, and neither Schlumberger nor anyone employed by Schlumberger shall be the agent, representative, employee or servant of Customer in the performance of such services or any part hereof. When Contractor's employees (defined to include Schlumberger's direct, borrowed, special, or statutory employees) are covered by the Louisiana Workers' Compensation Act, La R.S. 23:1021 *et seq.*, Customer and Schlumberger agree that all work and operations performed by Schlumberger and its employees pursuant to this Contract are an integral part of and are essential to the ability of Customer to generate Customer's goods, products and services for purposes of La R.S. 23:1061 (A)(1). Furthermore, Customer and Schlumberger agree that Customer is the statutory employer of Schlumberger's employees for purposes of La R.S. 23:1061 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1031 (C)) of Schlumberger's employees, Schlumberger shall remain primarily responsible for the payment of Louisiana workers' compensation benefits to its employees, and shall not be entitled to seek contribution for any such payments from Customer.
6. **Obligations of Customer.**
 - (a) **Well Conditions; Notification of Hazardous Conditions.** Customer, having custody and control of the well and superior knowledge of the conditions in and surrounding it, shall provide Schlumberger with all necessary information to enable Schlumberger to perform its services safely and efficiently. Schlumberger's equipment is designed to operate under conditions normally encountered in the well bore; however, if hazardous or unusual conditions exist, Customer shall notify Schlumberger in advance and make special arrangements for servicing such wells.
 - (b) **Chemicals.** The handling and disposal of any chemical, waste or by-product used or generated ("Chemicals") in the performance of the services are the sole responsibility of Customer, who is the owner and generator thereof. Customer agrees that it will transport and dispose of any such Chemicals in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against Schlumberger in connection with the use, generation, storage, transportation or disposal of Chemicals under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party.
 - (c) **Radioactive Sources.** If any radioactive source is lost in a well, at the well site, while being transported by Customer or a third-party on behalf of Customer, or while under the custody or control of Customer, Customer shall exert its best efforts to recover the source and shall take precautions in order to avoid breaking or damaging the source. If the source is not recovered, or if the container is broken, Customer shall immediately comply with all applicable laws and regulations, including the isolation and marking of the location of the source.
 - (d) **Fishing Operations.** Customer shall assume the entire responsibility for operations in which Customer or its representatives attempt to fish for equipment but Schlumberger will, without assuming liability and if so requested by Customer, render assistance for the recovery of such equipment.
7. **Warranty for Products and Services.**
 - (a) Schlumberger represents and warrants that all services shall be performed in a good and workmanlike manner in accordance with good oilfield practices and that it shall exercise diligence to insure the correctness and safe transport of all log, test and other data. Schlumberger will give Customer the benefit of its best judgment based on its experience interpreting information and making written or oral recommendations concerning logs or tests or other data, type or amount of material or service required, manner of performance or predicting results. Nevertheless, all such recommendations or predictions are opinions only and in view of the impracticability of obtaining first-hand knowledge of the many variable conditions, the reliance on inferences, measurements and assumptions which are not infallible, and/or the necessity of relying on facts and supporting services furnished by others, **NO WARRANTY IS GIVEN CONCERNING THE ACCURACY OR COMPLETENESS OF LOG, TEST OR OTHER DATA, THE EFFECTIVENESS OF MATERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES RENDERED. SCHLUMBERGER WILL NOT BE RESPONSIBLE FOR ACCIDENTAL OR INTENTIONAL INTERCEPTION OF OR TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER GUARANTEE THE SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS OR MATERIALS.**
 - (b) Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished shall conform to the quality and specifications represented. Schlumberger warrants all its products to be free of defects in material and workmanship for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of shipment, whichever occurs first.
The above warranty does not apply to:
 - (i) products that have been modified and/or subjected to improper handling, storage, installation, operation or maintenance or to any product normally consumed in operation;
 - (ii) any item which is purchased by Schlumberger or furnished by Customer as a component part of a product, or not manufactured by Schlumberger and purchased for Customer except to the extent to which such items are covered by the warranty, if any, of the original manufacturer thereof;
 - (iii) the design on those jobs where Schlumberger prepares shop drawings, tracing drawings or lists from designs furnished by others;
 - (iv) models or samples which are furnished to Customer as illustrations only of the general properties of Schlumberger's products and workmanship;
 - (v) damage to a product caused by abrasive materials, corrosion due to aggressive fluids, lightning, improper voltage supply, mishandling or misapplication.
 - (c) Schlumberger's liability under its warranty is expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at its sole option, of products or services which prove to be defective within the warranty period. A Customer claim made pursuant to this warranty shall be made immediately upon discovery and confirmed in writing within thirty (30) days after discovery of the defect. Defective items must be held for inspection and returned to the original F.O.B. point upon request. Schlumberger shall have the right to inspect the products claimed to be defective and shall have the right

to determine the cause of such defect. Returned products shall become the property of Schlumberger.

THE FOREGOING WARRANTIES FOR SERVICES AND PRODUCTS ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED OR STATUTORY. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY SHALL NOT APPLY. SCHLUMBERGER'S WARRANTY OBLIGATIONS AND CUSTOMER'S REMEDIES THEREUNDER (EXCEPT AS TO TITLE) ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN.

8. INDEMNITIES

(a) Personal

1. SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS.
2. CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS.

(b) Property

CUSTOMER ASSUMES ALL LIABILITY FOR, AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD THE SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL DAMAGE, LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (INCLUDING ALL COSTS AND EXPENSES THEREOF AND REASONABLE ATTORNEY'S FEES) ARISING IN CONNECTION THEREWITH:

1. ON ACCOUNT OF LOSS OF AND/OR DAMAGE TO THE CUSTOMER GROUP OR ITS CONTRACTORS' (OTHER THAN SCHLUMBERGER) OR SUBCONTRACTORS' PROPERTY;
2. ON ACCOUNT OF LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE OCCURS: (i) IN THE HOLE, (ii) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNED OR FURNISHED BY CUSTOMER, (iii) WHILE LOCATED AT THE WELL SITE WHEN SCHLUMBERGER PERSONNEL ARE NOT PRESENT, (iv) AS A RESULT OF IMPROPERLY MAINTAINED, PRIVATE ACCESS ROADS TO THE WELLSITE, OR (v) WHILE BEING USED BY OR WHILE UNDER THE CUSTODY OR CONTROL OF ANY PERSON OTHER THAN A SCHLUMBERGER EMPLOYEE, WHETHER IN AN EMERGENCY OR OTHERWISE. THE PROPERTY, EQUIPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THEIR RESPECTIVE LAMDED REPLACEMENT COST. WITH RESPECT TO (i) ABOVE, RENTAL CHARGES ON THE EQUIPMENT LOST OR DAMAGED IN THE HOLE SHALL CONTINUE TO BE PAID UP TO AND INCLUDING THE DATE ON WHICH SCHLUMBERGER RECEIVES NOTICE IN WRITING OF THE LOSS OR DAMAGE.

(c) Application of Indemnities. THE ASSUMPTION OF LIABILITY AND INDEMNITIES IN (a) AND (b) ABOVE SHALL APPLY TO ANY LOSS, DAMAGE, EXPENSE, INJURY, ILLNESS OR DEATH WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, UNSEAWORTHINESS, STRICT LIABILITY, ULTRAHAZARDOUS ACTIVITY, BREACH OF EXPRESS OR IMPLIED WARRANTY, IMPERFECTION OF MATERIAL, DEFECT OR FAILURE OF EQUIPMENT, DEFECT OR "RUIN" OR OTHER CONDITION OF PREMISES, INCLUDING ANY CONDITIONS THAT PRE-EXIST THE EXECUTION OF THIS AGREEMENT, OR THE SOLE OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITEE OR ITS CONTRACTORS OR SUBCONTRACTORS OR ITS OR THEIR EMPLOYEES, AGENTS OR INVITEES.

(d) Special Indemnity. NOTWITHSTANDING ANYTHING TO THE CONTRARY HEREIN, CUSTOMER AGREES TO PROTECT, DEFEND, INDEMNIFY, AND HOLD SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION (INCLUDING ALL COSTS, EXPENSES AND ATTORNEY'S FEES) OF EVERY KIND AND CHARACTER, WITHOUT REGARD TO THE CAUSE OR CAUSES THEREOF, THE UNSEAWORTHINESS OF ANY VESSEL, STRICT LIABILITY OR THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE OF ANY PARTY (EXCLUDING THE GROSS NEGLIGENCE OF SCHLUMBERGER GROUP), ARISING IN CONNECTION HERewith IN FAVOR OF CUSTOMER GROUP OR ITS CONTRACTORS OR SUBCONTRACTORS, SCHLUMBERGER GROUP AND ITS SUBCONTRACTORS OR ANY THIRD PARTY FOR: (i) PROPERTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (ii) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETHER CAUSED BY CUSTOMER'S FAILURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEMICALS AS REQUIRED BY PARAGRAPH 6.(b) HEREOF OR OTHERWISE, INCLUDING CONTAINMENT, CLEAN-UP AND REMEDIATION OF THE POLLUTANT AND CONTAMINATION, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (iii) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WELL BORE ITSELF, SURFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEA DAMAGE; (iv) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REWORKING AND RELATED CLEAN UP COSTS; (v) DAMAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMER (THE TERM "WELL OWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY DRILLING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE); OR (vi) SUBSURFACE TRESPASS.

(e) Anti-Indemnity and Insurance Savings Clause. If any defense, indemnity or insurance provision contained in this Contract conflicts with, is prohibited by or violates public policy under any federal, state or other law determined to be applicable to a particular situation arising from or involving any services, equipment and/or products hereunder, it is understood and agreed that the conflicting, prohibited, or violating provision shall be deemed automatically amended in that situation to the extent, but only to the extent, necessary to conform with, not be prohibited by and avoid violating public policy under such applicable law.

9. **Incidental or Consequential Damages.** IT IS EXPRESSLY AGREED THAT THE SCHLUMBERGER GROUP SHALL NOT BE LIABLE TO THE CUSTOMER GROUP FOR ANY PUNITIVE, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFITS OR BUSINESS INTERRUPTION OR LOSS OF USE, LOSS OF PRODUCTION OR LOSS OF RIG TIME.
10. **Insurance.** Each party, as indemnitor, shall support the indemnity obligations it assumes under Paragraph 8, by obtaining at its own cost, adequate insurance for the benefit of the other party as indemnitee, with contractual indemnity endorsements. To the extent each party assumes liability, such insurance shall waive subrogation against and name the indemnitee and its Group as additional insured(s) and loss payee, and to the same extent such coverage shall be primary to that carried by the indemnified Group. Customer shall not self-insure without the written consent of Schlumberger.
11. **Limitation of Liability.** Schlumberger's liability, however arising from or in connection with this Contract (whether for breach of contract, negligence, misrepresentation, or otherwise), shall not in any circumstances exceed the full value of the consideration then owed to Schlumberger under this Contract.
12. **Miscellaneous.** Schlumberger shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of Schlumberger. This Contract shall be governed by the laws of the state where the services are performed or equipment or products are furnished, except if furnished offshore or on navigable water, Federal Maritime Laws will govern. Should any clause, sentence, or part of these General Terms and Conditions be held invalid, such holding shall not invalidate the remainder, and the Terms and Conditions shall be interpreted as if the invalid clause, sentence, or part has been modified or omitted, if necessary, as required to conform to the jurisdiction purporting to limit such provision.

NO FIELD EMPLOYEE OF SCHLUMBERGER IS AUTHORIZED OR EMPOWERED TO ALTER THESE GENERAL TERMS AND CONDITIONS.

Well		Field			Service Date		Customer		Job Number
WALKER A #3		PANOMA			06105-Apr-15		OXY RESOURCE CALIFORNIA LLC		2205550687
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2006-Apr-15	13:42								End Wash
2006-Apr-15	13:42	-33	0.0	8.34	20.9	0	0	0	
2006-Apr-15	13:43	8	0.0	8.33	20.9	0	0	0	
2006-Apr-15	13:43								Start Mixing Lead Slurry
2006-Apr-15	13:43	13	0.0	8.33	20.9	0	0	0	
2006-Apr-15	13:43	13	0.0	8.33	20.9	0	0	0	
2006-Apr-15	13:43								Reset Total, Vol = 20.90 bbl
2006-Apr-15	13:44	17	0.0	10.70	20.9	0	0	0	
2006-Apr-15	13:45	301	6.1	12.53	23.2	0	0	0	
2006-Apr-15	13:46	255	6.3	12.15	29.4	0	0	0	
2006-Apr-15	13:47	159	5.6	12.51	35.9	0	0	0	
2006-Apr-15	13:48	141	5.8	12.21	41.6	0	0	0	
2006-Apr-15	13:49	150	5.8	12.56	47.4	0	0	0	
2006-Apr-15	13:50	141	5.8	12.53	53.2	0	0	0	
2006-Apr-15	13:51	146	5.8	12.11	59.0	0	0	0	
2006-Apr-15	13:52	150	5.8	12.34	64.8	0	0	0	
2006-Apr-15	13:53	146	5.8	12.35	70.6	0	0	0	
2006-Apr-15	13:54	159	5.8	12.25	76.4	0	0	0	
2006-Apr-15	13:55	136	5.8	12.21	82.2	0	0	0	
2006-Apr-15	13:56	146	5.8	12.40	88.0	0	0	0	
2006-Apr-15	13:57	141	5.8	12.45	93.8	0	0	0	
2006-Apr-15	13:58	146	5.8	12.41	99.5	0	0	0	
2006-Apr-15	13:59	150	5.8	12.24	105.3	0	0	0	
2006-Apr-15	14:00	146	5.8	12.23	111.1	0	0	0	
2006-Apr-15	14:01	146	5.8	12.63	116.9	0	0	0	
2006-Apr-15	14:02	146	5.8	12.35	122.7	0	0	0	
2006-Apr-15	14:03	141	5.8	12.23	128.5	0	0	0	
2006-Apr-15	14:04	146	5.8	12.37	134.3	0	0	0	
2006-Apr-15	14:05	132	5.8	12.44	140.1	0	0	0	
2006-Apr-15	14:06	178	5.8	13.00	145.8	0	0	0	
2006-Apr-15	14:06								End Lead Slurry
2006-Apr-15	14:06	187	5.7	13.03	145.9	0	0	0	
2006-Apr-15	14:06	178	5.7	13.06	146.0	0	0	0	
2006-Apr-15	14:06								Start Mixing Tail Slurry
2006-Apr-15	14:06	200	5.7	13.24	146.5	0	0	0	
2006-Apr-15	14:06								Reset Total, Vol = 125.64 bbl
2006-Apr-15	14:07	223	5.5	14.11	151.4	0	0	0	
2006-Apr-15	14:08	223	5.6	13.72	156.9	0	0	0	
2006-Apr-15	14:09	223	5.5	14.13	162.5	0	0	0	
2006-Apr-15	14:10	214	5.6	13.75	168.1	0	0	0	
2006-Apr-15	14:11	182	5.7	13.25	173.8	0	0	0	
2006-Apr-15	14:12	223	5.6	13.92	179.4	0	0	0	
2006-Apr-15	14:13	223	5.5	14.06	185.0	0	0	0	
2006-Apr-15	14:14	265	6.0	13.98	190.6	0	0	0	
2006-Apr-15	14:15	265	5.9	14.02	196.6	0	0	0	
2006-Apr-15	14:16	237	6.1	13.46	202.5	0	0	0	
2006-Apr-15	14:17	13	0.0	13.59	207.6	0	0	0	
2006-Apr-15	14:17								End Tail Slurry
2006-Apr-15	14:17	4	0.0	5.94	207.6	0	0	0	
2006-Apr-15	14:17	8	0.0	0.24	207.6	0	0	0	
2006-Apr-15	14:17								flush lines.
2006-Apr-15	14:17	4	0.0	0.01	207.6	0	0	0	
2006-Apr-15	14:17								Drop Top Plug
2006-Apr-15	14:17								Start Displacement

KCC
AUG 30 2006
CONFIDENTIAL

THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY PROVISIONS - PLEASE READ CAREFULLY.

1. **Acceptance.** By requesting Schlumberger's services, equipment, or products, Customer voluntarily elects to enter into and be bound by these General Terms and Conditions.
2. **Definition.**
 - a. Schlumberger - Schlumberger Technology Corporation, a Texas corporation.
 - b. Customer - the person, firm or other entity to which equipment and/or services are supplied or provided.
 - c. Group - Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors, employees, agents and invitees.
3. **Terms.** Cash in advance unless Schlumberger has approved Customer's credit prior to the sale. Terms of sale for credit-approved accounts are total invoice amount due on or before the 30th day from the date of invoice. Customer shall pay interest on past due balances at the lesser of 1.5% per month or the maximum allowed by applicable state or federal law. If Customer's account becomes delinquent, Schlumberger shall have the right to revoke any and all previously applied discounts. Upon such revocation, the full invoice price without discount will become immediately due and owing and subject to collection. Customer hereby agrees to pay all fees directly or indirectly incurred in the collection of past due or delinquent accounts.
4. **Taxes.** Customer shall pay any and all taxes or other levies (other than income taxes) imposed by any government, governmental unit or similar authority with respect to the charges made or payments received in connection with Schlumberger's services, equipment or products.
5. **Independent Contractor.** Schlumberger is and shall be an independent contractor with respect to the performance of the services set forth on this Service Contract, and neither Schlumberger nor anyone employed by Schlumberger shall be the agent, representative, employee or servant of Customer in the performance of such services or any part hereof. When Contractor's employees (defined to include Schlumberger's direct, borrowed, special, or statutory employees) are covered by the Louisiana Workers' Compensation Act, La R.S. 23:1021 *et seq.*, Customer and Schlumberger agree that all work and operations performed by Schlumberger and its employees pursuant to this Contract are an integral part of and are essential to the ability of Customer to generate Customer's goods, products and services for purposes of La R.S. 23:1061 (A)(1). Furthermore, Customer and Schlumberger agree that Customer is the statutory employer of Schlumberger's employees for purposes of La R.S. 23:1061 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1031 (C)) of Schlumberger's employees, Schlumberger shall remain primarily responsible for the payment of Louisiana workers' compensation benefits to its employees, and shall not be entitled to seek contribution for any such payments from Customer.
6. **Obligations of Customer.**
 - (a) **Well Conditions, Notification of Hazardous Conditions.** Customer, having custody and control of the well and superior knowledge of the conditions in and surrounding it, shall provide Schlumberger with all necessary information to enable Schlumberger to perform its services safely and efficiently. Schlumberger's equipment is designed to operate under conditions normally encountered in the well bore; however, if hazardous or unusual conditions exist, Customer shall notify Schlumberger in advance and make special arrangements for servicing such wells.
 - (b) **Chemicals.** The handling and disposal of any chemical, waste or by-product used or generated ("Chemicals") in the performance of the services are the sole responsibility of Customer, who is the owner and generator thereof. Customer agrees that it will transport and dispose of any such Chemicals in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against Schlumberger in connection with the use, generation, storage, transportation or disposal of Chemicals under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party.
 - (c) **Radioactive Sources.** If any radioactive source is lost in a well, at the well site, while being transported by Customer or a third-party on behalf of Customer, or while under the custody or control of Customer, Customer shall exert its best efforts to recover the source and shall take precautions in order to avoid breaking or damaging the source. If the source is not recovered, or if the container is broken, Customer shall immediately comply with all applicable laws and regulations, including the isolation and marking of the location of the source.
 - (d) **Fishing Operations.** Customer shall assume the entire responsibility for operations in which Customer or its representatives attempt to fish for equipment but Schlumberger will, without assuming liability and if so requested by Customer, render assistance for the recovery of such equipment.
7. **Warranty for Products and Services.**
 - (a) Schlumberger represents and warrants that all services shall be performed in a good and workmanlike manner in accordance with good oilfield practices and that it shall exercise diligence to insure the correctness and safe transport of all log, test and other data. Schlumberger will give Customer the benefit of its best judgment based on its experience interpreting information and making written or oral recommendations concerning logs or tests or other data, type or amount of material or service required, manner of performance or predicting results. Nevertheless, all such recommendations or predictions are opinions only and in view of the impracticability of obtaining first-hand knowledge of the many variable conditions, the reliance on inferences, measurements and assumptions which are not infallible, and/or the necessity of relying on facts and supporting services furnished by others, **NO WARRANTY IS GIVEN CONCERNING THE ACCURACY OR COMPLETENESS OF LOG, TEST OR OTHER DATA, THE EFFECTIVENESS OF MATERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES RENDERED. SCHLUMBERGER WILL NOT BE RESPONSIBLE FOR ACCIDENTAL OR INTENTIONAL INTERCEPTION OF OR TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER GUARANTEE THE SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS OR MATERIALS.**
 - (b) Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished shall conform to the quality and specifications represented. Schlumberger warrants all its products to be free of defects in material and workmanship for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of shipment, whichever occurs first.
The above warranty does not apply to:
 - (i) products that have been modified and/or subjected to improper handling, storage, installation, operation or maintenance or to any product normally consumed in operation;
 - (ii) any item which is purchased by Schlumberger or furnished by Customer as a component part of a product, or not manufactured by Schlumberger and purchased for Customer except to the extent to which such items are covered by the warranty, if any, of the original manufacturer thereof;
 - (iii) the design on those jobs where Schlumberger prepares shop drawings, tracing drawings or lists from designs furnished by others;
 - (iv) models or samples which are furnished to Customer as illustrations only of the general properties of Schlumberger's products and workmanship;
 - (v) damage to a product caused by abrasive materials, corrosion due to aggressive fluids, lightning, improper voltage supply, mishandling or misapplication.
 - (c) Schlumberger's liability under its warranty is expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at its sole option, of products or services which prove to be defective within the warranty period. A Customer claim made pursuant to this warranty shall be made immediately upon discovery and confirmed in writing within thirty (30) days after discovery of the defect. Defective items must be held for inspection and returned to the original F.O.B. point upon request. Schlumberger shall have the right to inspect the products claimed to be defective and shall have the right

to determine the cause of such defect. Returned products shall become the property of Schlumberger.

THE FOREGOING WARRANTIES FOR SERVICES AND PRODUCTS ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED OR STATUTORY. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY SHALL NOT APPLY. SCHLUMBERGER'S WARRANTY OBLIGATIONS AND CUSTOMER'S REMEDIES THEREUNDER (EXCEPT AS TO TITLE) ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN.

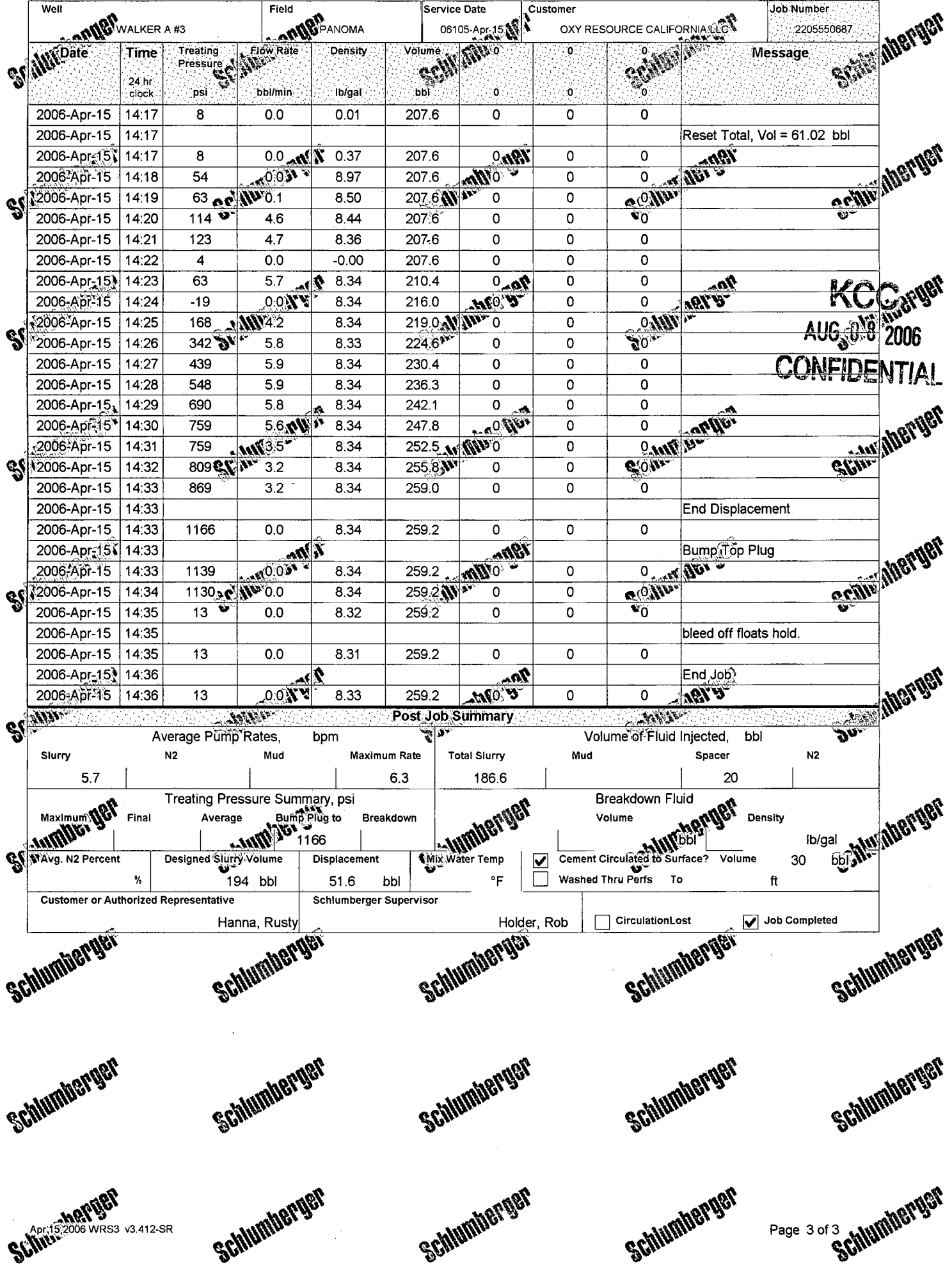
8. **INDEMNITIES**
 - (a) **Personnel**
 1. SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS.
 2. CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS.
 - (b) **Property**
CUSTOMER ASSUMES ALL LIABILITY FOR, AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD THE SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL DAMAGE, LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (INCLUDING ALL COSTS AND EXPENSES THEREOF AND REASONABLE ATTORNEY'S FEES) ARISING IN CONNECTION THEREWITH:
 1. ON ACCOUNT OF LOSS OF AND/OR DAMAGE TO THE CUSTOMER GROUP OR ITS CONTRACTORS' (OTHER THAN SCHLUMBERGER) OR SUBCONTRACTORS' PROPERTY;
 2. ON ACCOUNT OF LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE OCCURS: (i) IN THE HOLE, (ii) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNED OR FURNISHED BY CUSTOMER, (iii) WHILE LOCATED AT THE WELL SITE WHEN SCHLUMBERGER PERSONNEL ARE NOT PRESENT, (iv) AS A RESULT OF IMPROPERLY MAINTAINED, PRIVATE ACCESS ROADS TO THE WELLSITE, OR (v) WHILE BEING USED BY OR WHILE UNDER THE CUSTODY OR CONTROL OF ANY PERSON OTHER THAN A SCHLUMBERGER EMPLOYEE, WHETHER IN AN EMERGENCY OR OTHERWISE. THE PROPERTY, EQUIPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THEIR RESPECTIVE LAMDED REPLACEMENT COST. WITH RESPECT TO (i) ABOVE, RENTAL CHARGES ON THE EQUIPMENT LOST OR DAMAGED IN THE HOLE SHALL CONTINUE TO BE PAID UP TO AND INCLUDING THE DATE ON WHICH SCHLUMBERGER RECEIVES NOTICE IN WRITING OF THE LOSS OR DAMAGE.
 - (c) **Application of Indemnities.** THE ASSUMPTION OF LIABILITY AND INDEMNITIES IN (a) AND (b) ABOVE SHALL APPLY TO ANY LOSS, DAMAGE, EXPENSE, INJURY, ILLNESS OR DEATH WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, UNSEAWORTHINESS, STRICT LIABILITY, ULTRAHAZARDOUS ACTIVITY, BREACH OF EXPRESS OR IMPLIED WARRANTY, IMPERFECTION OF MATERIAL, DEFECT OR FAILURE OF EQUIPMENT, DEFECT OR "RUIN" OR OTHER CONDITION OF PREMISES, INCLUDING ANY CONDITIONS THAT PRE-EXIST THE EXECUTION OF THIS AGREEMENT, OR THE SOLE OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITEE OR ITS CONTRACTORS OR SUBCONTRACTORS OR ITS OR THEIR EMPLOYEES, AGENTS OR INVITEES.
 - (d) **Special Indemnity.** NOTWITHSTANDING ANYTHING TO THE CONTRARY HEREIN, CUSTOMER AGREES TO PROTECT, DEFEND, INDEMNIFY, AND HOLD SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION (INCLUDING ALL COSTS, EXPENSES AND ATTORNEY'S FEES) OF EVERY KIND AND CHARACTER, WITHOUT REGARD TO THE CAUSE OR CAUSES THEREOF, THE UNSEAWORTHINESS OF ANY VESSEL, STRICT LIABILITY OR THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE OF ANY PARTY (EXCLUDING THE GROSS NEGLIGENCE OF SCHLUMBERGER GROUP), ARISING IN CONNECTION HERewith IN FAVOR OF CUSTOMER GROUP OR ITS CONTRACTORS OR SUBCONTRACTORS, SCHLUMBERGER GROUP AND ITS SUBCONTRACTORS OR ANY THIRD PARTY FOR: (i) PROPERTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (ii) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETHER CAUSED BY CUSTOMER'S FAILURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEMICALS AS REQUIRED BY PARAGRAPH 6.(b) HEREOF OR OTHERWISE, INCLUDING CONTAINMENT, CLEAN-UP AND REMEDIATION OF THE POLLUTANT AND CONTAMINATION, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (iii) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WELL BORE ITSELF, SURFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEA DAMAGE; (iv) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REWORKING AND RELATED CLEAN UP COSTS; (v) DAMAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMER (THE TERM "WELL OWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY DRILLING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE); OR (vi) SUBSURFACE TRESPASS.
 - (e) **Anti-Indemnity and Insurance Savings Clause.** If any defense, indemnity or insurance provision contained in this Contract conflicts with, is prohibited by or violates public policy under any federal, state or other law determined to be applicable to a particular situation arising from or involving any services, equipment and/or products hereunder, it is understood and agreed that the conflicting, prohibited, or violating provision shall be deemed automatically amended in that situation to the extent, but only to the extent, necessary to conform with, not be prohibited by and avoid violating public policy under such applicable law.
9. **Incidental or Consequential Damages.** IT IS EXPRESSLY AGREED THAT THE SCHLUMBERGER GROUP SHALL NOT BE LIABLE TO THE CUSTOMER GROUP FOR ANY PUNITIVE, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFITS OR BUSINESS INTERRUPTION OR LOSS OF USE, LOSS OF PRODUCTION OR LOSS OF RIG TIME.
10. **Insurance.** Each party, as indemnitor, shall support the indemnity obligations it assumes under Paragraph 8, by obtaining at its own cost, adequate insurance for the benefit of the other party as indemnitee, with contractual indemnity endorsements. To the extent each party assumes liability, such insurance shall waive subrogation against and name the indemnitee and its Group as additional insured(s) and loss payee, and to the same extent such coverage shall be primary to that carried by the indemnified Group. Customer shall not self-insure without the written consent of Schlumberger.
11. **Limitation of Liability.** Schlumberger's liability, however arising from or in connection with this Contract (whether for breach of contract, negligence, misrepresentation, or otherwise), shall not in any circumstances exceed the full value of the consideration then owed to Schlumberger under this Contract.
12. **Miscellaneous.** Schlumberger shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of Schlumberger. This Contract shall be governed by the laws of the state where the services are performed or equipment or products are furnished, except if furnished offshore or on navigable water, Federal Maritime Laws will govern. Should any clause, sentence, or part of these General Terms and Conditions be held invalid, such holding shall not invalidate the remainder, and the Terms and Conditions shall be interpreted as if the invalid clause, sentence, or part has been modified or omitted, if necessary, as required to conform to the jurisdiction purporting to limit such provision.

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Well		Field			Service Date	Customer			Job Number
WALKER A #3		PANOMA			06105-Apr-15	OXY RESOURCE CALIFORNIA LLC			2205550687
Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message
2006-Apr-15	14:17	8	0.0	0.01	207.6	0	0	0	
2006-Apr-15	14:17								Reset Total, Vol = 61.02 bbl
2006-Apr-15	14:17	8	0.0	0.37	207.6	0	0	0	
2006-Apr-15	14:18	54	0.0	8.97	207.6	0	0	0	
2006-Apr-15	14:19	63	0.1	8.50	207.6	0	0	0	
2006-Apr-15	14:20	114	4.6	8.44	207.6	0	0	0	
2006-Apr-15	14:21	123	4.7	8.36	207.6	0	0	0	
2006-Apr-15	14:22	4	0.0	-0.00	207.6	0	0	0	
2006-Apr-15	14:23	63	5.7	8.34	210.4	0	0	0	
2006-Apr-15	14:24	-19	0.0	8.34	216.0	0	0	0	
2006-Apr-15	14:25	168	4.2	8.34	219.0	0	0	0	
2006-Apr-15	14:26	342	5.8	8.33	224.6	0	0	0	
2006-Apr-15	14:27	439	5.9	8.34	230.4	0	0	0	
2006-Apr-15	14:28	548	5.9	8.34	236.3	0	0	0	
2006-Apr-15	14:29	690	5.8	8.34	242.1	0	0	0	
2006-Apr-15	14:30	759	5.6	8.34	247.8	0	0	0	
2006-Apr-15	14:31	759	3.5	8.34	252.5	0	0	0	
2006-Apr-15	14:32	809	3.2	8.34	255.8	0	0	0	
2006-Apr-15	14:33	869	3.2	8.34	259.0	0	0	0	
2006-Apr-15	14:33								End Displacement
2006-Apr-15	14:33	1166	0.0	8.34	259.2	0	0	0	
2006-Apr-15	14:33								Bump Top Plug
2006-Apr-15	14:33	1139	0.0	8.34	259.2	0	0	0	
2006-Apr-15	14:34	1130	0.0	8.34	259.2	0	0	0	
2006-Apr-15	14:35	13	0.0	8.32	259.2	0	0	0	
2006-Apr-15	14:35								bleed off floats hold.
2006-Apr-15	14:35	13	0.0	8.31	259.2	0	0	0	
2006-Apr-15	14:36								End Job
2006-Apr-15	14:36	13	0.0	8.33	259.2	0	0	0	

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Post Job Summary										
Average Pump Rates, bpm					Volume of Fluid Injected, bbl					
Slurry	N2		Mud		Maximum Rate	Total Slurry	Mud	Spacer	N2	
5.7				6.3	186.6		20			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average		Bump Plug to	Breakdown	Volume	Density			
				1166			lb/gal			
Avg. N2 Percent	Designed Slurry Volume		Displacement		Mix Water Temp	Cement Circulated to Surface?		Volume	30 bbl	
%	194 bbl		51.6 bbl		°F	<input checked="" type="checkbox"/>		To	ft	
Customer or Authorized Representative			Schlumberger Supervisor							
Hanna, Rusty			Holder, Rob				<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	



THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY PROVISIONS - PLEASE READ CAREFULLY.

1. **Acceptance.** By requesting Schlumberger's services, equipment, or products, Customer voluntarily elects to enter into and be bound by these General Terms and Conditions.
2. **Definition.**
 - a. Schlumberger – Schlumberger Technology Corporation, a Texas corporation.
 - b. Customer – the person, firm or other entity to which equipment and/or services are supplied or provided.
 - c. Group – Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors, employees, agents and invitees.
3. **Terms.** Cash in advance unless Schlumberger has approved Customer's credit prior to the sale. Terms of sale for credit-approved accounts are total invoice amount due on or before the 30th day from the date of invoice. Customer shall pay interest on past due balances at the lesser of 1.5% per month or the maximum allowed by applicable state or federal law. If Customer's account becomes delinquent, Schlumberger shall have the right to revoke any and all previously applied discounts. Upon such revocation, the full invoice price without discount will become immediately due and owing and subject to collection. Customer hereby agrees to pay all fees directly or indirectly incurred in the collection of past due or delinquent accounts.
4. **Taxes.** Customer shall pay any and all taxes or other levies (other than income taxes) imposed by any government, governmental unit or similar authority with respect to the charges made or payments received in connection with Schlumberger's services, equipment or products.
5. **Independent Contractor.** Schlumberger is and shall be an independent contractor with respect to the performance of the services set forth on this Service Contract, and neither Schlumberger nor anyone employed by Schlumberger shall be the agent, representative, employee or servant of Customer in the performance of such services or any part hereof. When Contractor's employees (defined to include Schlumberger's direct, borrowed, special, or statutory employees) are covered by the Louisiana Workers' Compensation Act, La R.S. 23:1021 *et seq.*, Customer and Schlumberger agree that all work and operations performed by Schlumberger and its employees pursuant to this Contract are an integral part of and are essential to the ability of Customer to generate Customer's goods, products and services for purposes of La R.S. 23:1061 (A)(1). Furthermore, Customer and Schlumberger agree that Customer is the statutory employer of Schlumberger's employees for purposes of La R.S. 23:1061 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1031 (C)) of Schlumberger's employees, Schlumberger shall remain primarily responsible for the payment of Louisiana workers' compensation benefits to its employees, and shall not be entitled to seek contribution for any such payments from Customer.
6. **Obligations of Customer.**
 - (a) **Well Conditions, Notification of Hazardous Conditions.** Customer, having custody and control of the well and superior knowledge of the conditions in and surrounding it, shall provide Schlumberger with all necessary information to enable Schlumberger to perform its services safely and efficiently. Schlumberger's equipment is designed to operate under conditions normally encountered in the well bore; however, if hazardous or unusual conditions exist, Customer shall notify Schlumberger in advance and make special arrangements for servicing such wells.
 - (b) **Chemicals.** The handling and disposal of any chemical, waste or by-product used or generated ("Chemicals") in the performance of the services are the sole responsibility of Customer, who is the owner and generator thereof. Customer agrees that it will transport and dispose of any such Chemicals in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against Schlumberger in connection with the use, generation, storage, transportation or disposal of Chemicals under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party.
 - (c) **Radioactive Sources.** If any radioactive source is lost in a well, at the well site, while being transported by Customer or a third-party on behalf of Customer, or while under the custody or control of Customer, Customer shall exert its best efforts to recover the source and shall take precautions in order to avoid breaking or damaging the source. If the source is not recovered, or if the container is broken, Customer shall immediately comply with all applicable laws and regulations, including the isolation and marking of the location of the source.
 - (d) **Fishing Operations.** Customer shall assume the entire responsibility for operations in which Customer or its representatives attempt to fish for equipment but Schlumberger will, without assuming liability and if so requested by Customer, render assistance for the recovery of such equipment.
7. **Warranty for Products and Services.**
 - (a) Schlumberger represents and warrants that all services shall be performed in a good and workmanlike manner in accordance with good oilfield practices and that it shall exercise diligence to insure the correctness and safe transport of all log, test and other data. Schlumberger will give Customer the benefit of its best judgment based on its experience interpreting information and making written or oral recommendations concerning logs or tests or other data, type or amount of material or service required, manner of performance or predicting results. Nevertheless, all such recommendations or predictions are opinions only and in view of the impracticability of obtaining first-hand knowledge of the many variable conditions, the reliance on inferences, measurements and assumptions which are not infallible, and/or the necessity of relying on facts and supporting services furnished by others, **NO WARRANTY IS GIVEN CONCERNING THE ACCURACY OR COMPLETENESS OF LOG, TEST OR OTHER DATA, THE EFFECTIVENESS OF MATERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES RENDERED. SCHLUMBERGER WILL NOT BE RESPONSIBLE FOR ACCIDENTAL OR INTENTIONAL INTERCEPTION OF OR TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER GUARANTEE THE SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS OR MATERIALS.**
 - (b) Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished shall conform to the quality and specifications represented. Schlumberger warrants all its products to be free of defects in material and workmanship for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of shipment, whichever occurs first.
The above warranty does not apply to:
 - (i) products that have been modified and/or subjected to improper handling, storage, installation, operation or maintenance or to any product normally consumed in operation;
 - (ii) any item which is purchased by Schlumberger or furnished by Customer as a component part of a product, or not manufactured by Schlumberger and purchased for Customer except to the extent to which such items are covered by the warranty, if any, of the original manufacturer thereof;
 - (iii) the design on those jobs where Schlumberger prepares shop drawings, tracing drawings or lists from designs furnished by others;
 - (iv) models or samples which are furnished to Customer as illustrations only of the general properties of Schlumberger's products and workmanship;
 - (v) damage to a product caused by abrasive materials, corrosion due to aggressive fluids, lightning, improper voltage supply, mishandling or misapplication.
 - (c) Schlumberger's liability under its warranty is expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at its sole option, of products or services which prove to be defective within the warranty period. A Customer claim made pursuant to this warranty shall be made immediately upon discovery and confirmed in writing within thirty (30) days after discovery of the defect. Defective items must be held for inspection and returned to the original F.O.B. point upon request. Schlumberger shall have the right to inspect the products claimed to be defective and shall have the right

to determine the cause of such defect. Returned products shall become the property of Schlumberger.

THE FOREGOING WARRANTIES FOR SERVICES AND PRODUCTS ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED OR STATUTORY. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY SHALL NOT APPLY. SCHLUMBERGER'S WARRANTY OBLIGATIONS AND CUSTOMER'S REMEDIES THEREUNDER (EXCEPT AS TO TITLE) ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN.

8. INDEMNITIES

(a) Personnel

1. SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS.

2. CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS.

(b) Property

CUSTOMER ASSUMES ALL LIABILITY FOR, AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD THE SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL DAMAGE, LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (INCLUDING ALL COSTS AND EXPENSES THEREOF AND REASONABLE ATTORNEY'S FEES) ARISING IN CONNECTION THEREWITH:

1. ON ACCOUNT OF LOSS OF AND/OR DAMAGE TO THE CUSTOMER GROUP OR ITS CONTRACTORS' (OTHER THAN SCHLUMBERGER) OR SUBCONTRACTORS' PROPERTY;

2. ON ACCOUNT OF LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE OCCURS: (i) IN THE HOLE, (ii) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNED OR FURNISHED BY CUSTOMER, (iii) WHILE LOCATED AT THE WELL SITE WHEN SCHLUMBERGER PERSONNEL ARE NOT PRESENT, (iv) AS A RESULT OF IMPROPERLY MAINTAINED, PRIVATE ACCESS ROADS TO THE WELLSITE, OR (v) WHILE BEING USED BY OR WHILE UNDER THE CUSTODY OR CONTROL OF ANY PERSON OTHER THAN A SCHLUMBERGER EMPLOYEE, WHETHER IN AN EMERGENCY OR OTHERWISE. THE PROPERTY, EQUIPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THEIR RESPECTIVE LANDED REPLACEMENT COST. WITH RESPECT TO (i) ABOVE, RENTAL CHARGES ON THE EQUIPMENT LOST OR DAMAGED IN THE HOLE SHALL CONTINUE TO BE PAID UP TO AND INCLUDING THE DATE ON WHICH SCHLUMBERGER RECEIVES NOTICE IN WRITING OF THE LOSS OR DAMAGE.

(c) **Application of Indemnities.** THE ASSUMPTION OF LIABILITY AND INDEMNITIES IN (a) AND (b) ABOVE SHALL APPLY TO ANY LOSS, DAMAGE, EXPENSE, INJURY, ILLNESS OR DEATH WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, UNSEAWORTHINESS, STRICT LIABILITY, ULTRAHAZARDOUS ACTIVITY, BREACH OF EXPRESS OR IMPLIED WARRANTY, IMPERFECTION OF MATERIAL, DEFECT OR FAILURE OF EQUIPMENT, DEFECT OR "RUIN" OR OTHER CONDITION OF PREMISES, INCLUDING ANY CONDITIONS THAT PRE-EXIST THE EXECUTION OF THIS AGREEMENT, OR THE SOLE OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITEE OR ITS CONTRACTORS OR SUBCONTRACTORS OR ITS OR THEIR EMPLOYEES, AGENTS OR INVITEES.

(d) **Special Indemnity.** NOTWITHSTANDING ANYTHING TO THE CONTRARY HEREIN, CUSTOMER AGREES TO PROTECT, DEFEND, INDEMNIFY, AND HOLD SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION (INCLUDING ALL COSTS, EXPENSES AND ATTORNEY'S FEES) OF EVERY KIND AND CHARACTER, WITHOUT REGARD TO THE CAUSE OR CAUSES THEREOF, THE UNSEAWORTHINESS OF ANY VESSEL, STRICT LIABILITY OR THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE OF ANY PARTY (EXCLUDING THE GROSS NEGLIGENCE OF SCHLUMBERGER GROUP), ARISING IN CONNECTION HERewith IN FAVOR OF CUSTOMER GROUP OR ITS CONTRACTORS OR SUBCONTRACTORS, SCHLUMBERGER GROUP AND ITS SUBCONTRACTORS OR ANY THIRD PARTY FOR: (i) PROPERTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (ii) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETHER CAUSED BY CUSTOMER'S FAILURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEMICALS AS REQUIRED BY PARAGRAPH 6.(b) HEREOF OR OTHERWISE, INCLUDING CONTAINMENT, CLEAN-UP AND REMEDIATION OF THE POLLUTANT AND CONTAMINATION, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (iii) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WELL BORE ITSELF, SURFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEA DAMAGE; (iv) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REWORKING AND RELATED CLEAN UP COSTS; (v) DAMAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMER (THE TERM "WELL OWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY DRILLING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE); OR (vi) SUBSURFACE TRESPASS.

(e) **Anti-Indemnity and Insurance Savings Clause.** If any defense, indemnity or insurance provision contained in this Contract conflicts with, is prohibited by or violates public policy under any federal, state or other law determined to be applicable to a particular situation arising from or involving any services, equipment and/or products hereunder, it is understood and agreed that the conflicting, prohibited, or violating provision shall be deemed automatically amended in that situation to the extent, but only to the extent, necessary to conform with, not be prohibited by and avoid violating public policy under such applicable law.

9. **Incidental or Consequential Damages.** IT IS EXPRESSLY AGREED THAT THE SCHLUMBERGER GROUP SHALL NOT BE LIABLE TO THE CUSTOMER GROUP FOR ANY PUNITIVE, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFITS OR BUSINESS INTERRUPTION OR LOSS OF USE, LOSS OF PRODUCTION OR LOSS OF RIG TIME.

10. **Insurance.** Each party, as indemnitor, shall support the indemnity obligations it assumes under Paragraph 8, by obtaining at its own cost, adequate insurance for the benefit of the other party as indemnitee, with contractual indemnity endorsements. To the extent each party assumes liability, such insurance shall waive subrogation against and name the indemnitee and its Group as additional insured(s) and loss payee, and to the same extent such coverage shall be primary to that carried by the indemnified Group. Customer shall not self-insure without the written consent of Schlumberger.

11. **Limitation of Liability.** Schlumberger's liability, however arising from or in connection with this Contract (whether for breach of contract, negligence, misrepresentation, or otherwise), shall not in any circumstances exceed the full value of the consideration then owed to Schlumberger under this Contract.

12. **Miscellaneous.** Schlumberger shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of Schlumberger. This Contract shall be governed by the laws of the state where the services are performed or equipment or products are furnished, except if furnished offshore or on navigable water, Federal Maritime Laws will govern. Should any clause, sentence, or part of these General Terms and Conditions be held invalid, such holding shall not invalidate the remainder, and the Terms and Conditions shall be interpreted as if the invalid clause, sentence, or part has been modified or omitted, if necessary, as required to conform to the jurisdiction purporting to limit such provision.

NO FIELD EMPLOYEE OF SCHLUMBERGER IS AUTHORIZED OR EMPOWERED TO ALTER THESE GENERAL TERMS AND CONDITIONS.



Service Order

2006-Apr-14

Customer OXY RESOURCE CALIFORNIA LLC		Person Taking Call King, Michael		Dowell Location Perryton, TX		OrderDate 2006-Apr-14		Job Number 2205550687							
Well Name and Number WALKER A 3			Legal Location SEC 16-T26S-R33		Field PANOMA		County FINNEY		State/Province KANSAS						
Well Master: 0630792276			API / UWI: 15055219110000												
Rig Name CHEYENNE 11			Well Age New		Sales Engineer Cambern, Charles			Job Type Cem Prod Casing							
Time Well Ready:		Deviation °		Bit Size 7.88 in		Well MD 3,100 ft		Well TVD 3,100 ft		BHP psi					
								BHST 121 °F		BHCT °F					
Treat Down Casing		Packer Type		Packer Depth ft		WellHead Connection 4 1/2" H&SM		HHP on Location		Max Allowed Pressure 1500					
Casing						Services Instructions:									
Depth, ft		Size, in		Weight, lb/ft		Grade		Thread							
3100		4.5		11.6											
Tubing						CEMENT 4 1/2 PRODUCTION CASING WITH: 20 bbls CW100 333 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.25 pps D130 235 SK 50/50 POZ:H+2%D20+3%M117+5 pps D42+5 pps D53+0.6%D112+ 0.25%D65+0.25%D46									
Depth,		Size, in		Weight, lb/ft								Grade		Thread	
Perforated Intervals						Extra Equipment: 1 CemCAT 2 ABT 1 PUMP									
Top, ft		Bottom, ft		spf								No. of Shots		Total Interval ft	
														Diameter in	
Expected On Location:						Ready To Pump:									

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Contact	Voice	Mobile	FAX	Notes
Greg Fillpot		620-353-8669		
Noel Perez	Rig-620-272-6935	Cell-620-271-4957		

Notes:
 TAKE ONE 4 1/2" TOP PLASTIC PLUG
 this job will cement to surface, using 75% excess on lead and tail, and 110 sacks for casing annulus

Directions:
 PEX: TAKE HWY 83 N TO LIBERAL, CONT. TO SUBLETTE 4 WAY SIGN, CONT NORTH FOR 21 MI TO TV ROAD, T/L (WEST) ON TV RD FOR 4 MI TO SANDHILL ROAD, T/R (NORTH) FOR 0.25 MI ON SANDHILL RD, T/R (EAST) FOR 0.2 MI, T/R (SOUTH) INTO LOC.

Other Notes:
 FOLLOW ALL CONVOY POLICIES AND QHSE STANDARDS!!

Comments:

Fluid Systems:

CW100			
20 bbls CW100			
<i>Density:</i>	lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	ft ³ /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
Dowell Code	Conc/ Amount	Total Quantity	
D122A	10 gal	10	
J237A	5 gal	5	

LEAD			
333 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.25 pps D130			
<i>Density:</i>	12.2 lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	2.18 ft ³ /sk		
<i>H2O Mix:</i>	12.395 gal/sk		
<i>H2O:</i>	4127.54 gal	<i>Eq. Sack Weight:</i>	88.9 lb
		<i>Total Blend:</i>	333 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D132	27.8 lbs/sk	9257.4	
D020	5.334 lbs/sk	1776.222	
S001	1.778 lbs/sk	592.074	
D130	0.25 lbs/sk	83.25	
CLASS C	61.1 lbs/sk	20346.3	

TAIL			
235 SK 50/50 POZ:H+2%D20+3%M117+5 pps D42+5 pps D53+0.6%D112+ 0.25%D65+0.25%D46			
<i>Density:</i>	13.8 lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	1.55 ft ³ /sk		
<i>H2O Mix:</i>	7.1 gal/sk		
<i>H2O:</i>	1668.5 gal	<i>Eq. Sack Weight:</i>	86.5 lb
		<i>Total Blend:</i>	235 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D020	1.73 lbs/sk	406.55	
D046	0.216 lbs/sk	50.76	
D132	39.5 lbs/sk	9282.5	
M117	1.77 lbs/sk	415.95	
D042	5 lbs/sk	1175	
D053	5 lbs/sk	1175	
D112	0.519 lbs/sk	121.965	
D065	0.216 lbs/sk	50.76	
Class H	47 lbs/sk	11045	

710

Date	4/15/2006
Company	Oxy
Job Number	
Well Name	
Well Number	Walker A3
County	
State	Kansas

Pipe Size	4 1/2
Pipe Weight	11.4
Pipe Depth	3114
Shoe Length	45
Insert Depth	3069
Hole Size	7 7/8
Hole Depth	3115

1st System	
333 sacks	35/65 Poz C
2.18 yield	
12.2 weight	
12.4 water	98.3
cubic ft.	726
height	2855
bbls	129

Pipe Volume	50
Annular Volume	174
Total Cement	194
Total Water	207

3115/5
105

Pipe Factor	0.0159
Annular Factor	0.0558
Height Factor	3.9331

2nd System	
235 sacks	50/50 Poz H
1.55 yield	
13.8 weight	
7.1 water	40
cubic ft.	364
height	1433
bbls	64.9

Casing lift	2232
Cement lift	733

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3rd System	
sacks	
yield	
weight	
water	0
cubic ft.	0
height	0
bbls	0

Pressure test 2000

Mud

20 Spacer CW100

129 Lead 12.2

65 Tail 13.8

48.80 Displacement

750 Maximum Pressure

4th System	
sacks	
yield	
weight	
water	0
cubic ft.	0
height	0

Pump time @ 5 BPM

49 MIN