

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

ORIGINAL

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: Southern Star
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200

API No. 15 - 067-21591-0000
County: Grant
NW - NW - SE - SE Sec 32 Twp. 28 S. R. 35W
1272 feet from (S) N (circle one) Line of Section
1260 feet from (E) W (circle one) Line of Section

Contractor: Name: Cheyenne Drilling LP
License: 33375
Wellsite Geologist: NA

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Wilks A Well #: 4
Field Name: Panoma Council Grove
Producing Formation: Council Grove

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Term. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl, Cathodic, etc)

Elevation: Ground: 3060 Kelly Bushing: 3066
Total Depth: 3121 Plug Back Total Depth: 3078
Amount of Surface Pipe Set and Cemented at 745 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

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. _____
01/06/05 01/08/05 02/09/05
Spud Date or Date Reached TD Completion Date or Recompletion Date

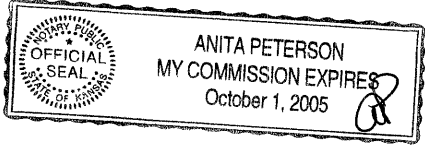
Drilling Fluid Management Plan ALT I W H W
(Data must be collected from the Reserve Pit) 4-2002
Chloride content 20500 mg/l ppm Fluid volume 900 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ 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 May 3, 2005
Subscribed and sworn to before me this 3rd day of May
20 05
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2005

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



X

Side Two

Operator Name: OXY USA Inc. Lease Name: Wilks A Well #: 4
 Sec. 32 Twp. 28 S. R. 35W East West County: Grant

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	Chase	2584	476
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Krider	2603	457
List All E. Logs Run: Neutron CBL		Winfield	2659	401
		Towanda	2713	347
		Ft. Riley	2766	294
		Florence	2818	242
		Matfield	2837	223
		Wreford	2856	204
		Council	2884	176

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	745	C	220	35/65 Poz + Additives
					C	150	Class C + Additives
Production	7 7/8	4 1/2	10.5	3120	C	190	Class C + Additives
					H	200	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 type="checkbox"/> Protect Casing	-			
<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 (Amount and Kind of Material Used)	Depth
2	2884-2922		
4	2923-2956	Acidize - 4500 gls 15% HCL	
		Divera Frac-17239 gls W125 gel, 12587#100 mesh sand	
		22733 gls WF125 75%N2, 180,000# 16/30 sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	2990		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
03/07/05	<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	Water Bbbs	Gas-Oil Ratio	Gravity
		144	42		

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18)

Other (Specify) _____

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ORIGINAL

Well		Field		Service Date		Customer			Job Number
WILKS 'A' #4		PANOMA		058-Jan-08		OXY USA, INC.			2205547611
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbbl/min	bbbl	0	0	0	
2005-Jan-08	17:52								Start Mixing Lead Slurry
2005-Jan-08	17:52	0	9.64	3.6	0.2	0	0	0	<p style="text-align: center; font-size: 2em; font-weight: bold;">KCC</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">MAY 03 2005</p> <p style="text-align: center; font-size: 2em; font-weight: bold;">CONFIDENTIAL</p>
2005-Jan-08	17:52	0	10.72	4.0	1.5	0	0	0	
2005-Jan-08	17:53	0	11.24	5.5	6.4	0	0	0	
2005-Jan-08	17:54	0	11.07	5.6	12.0	0	0	0	
2005-Jan-08	17:55	0	11.27	5.7	17.7	0	0	0	
2005-Jan-08	17:56	0	11.53	5.2	23.2	0	0	0	
2005-Jan-08	17:57	0	11.27	5.5	28.6	0	0	0	
2005-Jan-08	17:58	0	10.83	5.5	34.1	0	0	0	
2005-Jan-08	17:59	0	11.19	5.4	39.5	0	0	0	
2005-Jan-08	18:00	0	11.13	5.4	45.0	0	0	0	
2005-Jan-08	18:01	0	11.15	5.7	50.7	0	0	0	
2005-Jan-08	18:02	0	11.05	5.8	56.4	0	0	0	
2005-Jan-08	18:03	0	11.16	6.1	62.5	0	0	0	
2005-Jan-08	18:04	0	11.05	6.1	68.6	0	0	0	
2005-Jan-08	18:05	0	10.98	6.1	74.6	0	0	0	
2005-Jan-08	18:06	0	11.29	6.1	80.7	0	0	0	
2005-Jan-08	18:07	0	11.48	4.9	85.9	0	0	0	
2005-Jan-08	18:08	0	11.08	5.6	91.0	0	0	0	
2005-Jan-08	18:09	0	11.05	5.6	96.6	0	0	0	
2005-Jan-08	18:10	0	11.05	5.6	102.2	0	0	0	
2005-Jan-08	18:11	0	11.81	2.8	107.3	0	0	0	
2005-Jan-08	18:12								End Lead Slurry
2005-Jan-08	18:12	0	11.98	2.8	107.5	0	0	0	
2005-Jan-08	18:12	0	12.05	2.8	107.6	0	0	0	
2005-Jan-08	18:12								Start Mixing Tail Slurry
2005-Jan-08	18:12	5	12.17	2.8	107.7	0	0	0	
2005-Jan-08	18:12								Reset Total, Vol = 107.73 bbl
2005-Jan-08	18:12	0	13.71	3.9	2.4	0	0	0	
2005-Jan-08	18:13	0	13.57	5.8	8.2	0	0	0	
2005-Jan-08	18:14	0	14.06	5.7	11.9	0	0	0	
2005-Jan-08	18:15	0	13.97	5.8	17.6	0	0	0	
2005-Jan-08	18:16	0	13.82	5.8	23.4	0	0	0	
2005-Jan-08	18:17	0	13.71	5.8	29.2	0	0	0	
2005-Jan-08	18:18	0	13.91	5.8	34.9	0	0	0	
2005-Jan-08	18:19	0	13.79	5.8	40.7	0	0	0	
2005-Jan-08	18:20	0	13.76	5.8	46.5	0	0	0	
2005-Jan-08	18:21	0	14.09	5.8	52.3	0	0	0	
2005-Jan-08	18:22	0	13.97	2.7	57.3	0	0	0	
2005-Jan-08	18:23	0	13.88	0.0	57.3	0	0	0	
2005-Jan-08	18:23								End Tail Slurry
2005-Jan-08	18:23								Reset Total, Vol = 57.35 bbl
2005-Jan-08	18:23	0	12.96	0.0	0.0	0	0	0	
2005-Jan-08	18:29								Drop Top Plug
2005-Jan-08	18:29								Start Displacement
2005-Jan-08	18:32	0	8.36	0.0	0.0	0	0	0	
2005-Jan-08	18:32	0	8.37	0.0	0.0	0	0	0	
2005-Jan-08	18:33	0	8.37	3.3	0.4	0	0	0	
2005-Jan-08	18:34	0	8.37	1.3	1.9	0	0	0	
2005-Jan-08	18:35	0	8.37	2.4	4.2	0	0	0	
2005-Jan-08	18:36	0	8.37	2.4	6.6	0	0	0	
2005-Jan-08	18:37	0	8.37	3.6	9.1	0	0	0	
2005-Jan-08	18:38	0	8.37	3.9	21.6	0	0	0	
2005-Jan-08	18:39	0	8.37	3.9	25.6	0	0	0	

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ORIGINAL

Well WILKS 'A' #4		Field PANOMA		Service Date 058-Jan-08		Customer OXY USA, INC.		Job Number 2205547811	
Date	Time 24 hr clock	Annulus psi	Density lb/gal	Rate bbl/min	Volume bbl	0	0	0	Message
2005-Jan-08	18:40	0	8.37	3.9	29.5	0	0	0	KCC MAY 03 2005 CONFIDENTIAL
2005-Jan-08	18:41	0	8.37	3.8	33.4	0	0	0	
2005-Jan-08	18:42	0	8.37	3.8	37.2	0	0	0	
2005-Jan-08	18:43	0	8.37	1.9	39.8	0	0	0	
2005-Jan-08	18:44	0	8.37	1.9	41.7	0	0	0	
2005-Jan-08	18:45	0	8.37	1.9	43.7	0	0	0	
2005-Jan-08	18:46	0	8.37	1.9	45.6	0	0	0	
2005-Jan-08	18:47	0	8.37	1.9	47.6	0	0	0	
2005-Jan-08	18:48	0	8.37	0.0	48.8	0	0	0	
2005-Jan-08	18:49	0	8.37	0.0	48.8	0	0	0	
2005-Jan-08	18:49								Bump Top Plug
2005-Jan-08	18:49								End Displacement
2005-Jan-08	18:49	0	8.37	0.0	48.8	0	0	0	
2005-Jan-08	18:49	0	8.37	0.0	48.8	0	0	0	
2005-Jan-08	18:49								Reset Total, Vol = 48.77 bbl
2005-Jan-08	18:50								End Job
2005-Jan-08	18:50	0	8.37	0.0	0.0	0	0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
4	0	0	6	167	0	20			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
1100		120	1100						
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?		Washed Thru Perfs		Volume	
%	167 bbl	49 bbl	°F	<input checked="" type="checkbox"/>	To	To	ft	10 bbl	
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost		Job Completed	
Fillpot, Gregg			Tan, Naveen			<input type="checkbox"/>		<input checked="" type="checkbox"/>	

Well		Field				Service Date	Customer		Job Number
WILKS 'A' #4						056-Jan-06	OXY USA, INC.		2205547196
Date	Time	Treating PSI	CMT RATE	CMT DENS	CMT AN PRES	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	psi	0	0	0	
2005-Jan-06	22:20	0.00	0.0	8.38	4.58	0	0	0	
2005-Jan-06	22:20	0.00	0.0	8.38	0.00	0	0	0	
2005-Jan-06	22:21	-4.58	0.0	8.38	0.00	0	0	0	
2005-Jan-06	22:21	0.00	0.0	8.38	0.00	0	0	0	
2005-Jan-06	22:22	-4.58	0.0	8.38	0.00	0	0	0	
2005-Jan-06	22:22	0.00	0.0	8.38	0.00	0	0	0	
2005-Jan-06	22:23	0.00	0.0	8.38	4.58	0	0	0	
2005-Jan-06	22:23	13.73	0.0	8.38	0.00	0	0	0	
2005-Jan-06	22:24	22.89	0.0	8.37	0.00	0	0	0	
2005-Jan-06	22:24	1629.63	0.0	8.37	0.00	0	0	0	
2005-Jan-06	22:25	13.73	0.0	8.37	4.58	0	0	0	
2005-Jan-06	22:25	0.00	0.0	8.37	0.00	0	0	0	
2005-Jan-06	22:26	0.00	0.0	8.37	0.00	0	0	0	
2005-Jan-06	22:26	0.00	0.0	8.36	0.00	0	0	0	
2005-Jan-06	22:27	9.16	0.0	8.36	0.00	0	0	0	
2005-Jan-06	22:27	18.31	2.0	8.36	4.58	0	0	0	
2005-Jan-06	22:28	18.31	2.0	8.36	0.00	0	0	0	
2005-Jan-06	22:28	54.93	4.7	8.36	0.00	0	0	0	
2005-Jan-06	22:29	100.71	4.9	8.35	4.58	0	0	0	
2005-Jan-06	22:29	100.71	5.0	8.35	4.58	0	0	0	
2005-Jan-06	22:30	105.29	5.0	8.70	0.00	0	0	0	
2005-Jan-06	22:30								Start Mixing Lead Slurry
2005-Jan-06	22:30								End Spacer
2005-Jan-06	22:30	105.29	5.0	9.11	4.58	0	0	0	
2005-Jan-06	22:30	105.29	5.0	9.32	4.58	0	0	0	
2005-Jan-06	22:30								Reset Total, Vol = 10.10 bbl
2005-Jan-06	22:30	105.29	5.0	9.38	0.00	0	0	0	
2005-Jan-06	22:30	54.93	2.9	10.53	4.58	0	0	0	
2005-Jan-06	22:31	45.78	2.9	10.95	0.00	0	0	0	
2005-Jan-06	22:31	45.78	2.9	11.62	4.58	0	0	0	
2005-Jan-06	22:32	45.78	2.9	11.44	4.58	0	0	0	
2005-Jan-06	22:32	105.29	4.8	12.72	4.58	0	0	0	
2005-Jan-06	22:33	119.02	5.0	12.49	0.00	0	0	0	
2005-Jan-06	22:33	114.44	5.0	12.35	4.58	0	0	0	
2005-Jan-06	22:34	105.29	5.0	12.29	4.58	0	0	0	
2005-Jan-06	22:34	105.29	5.0	12.23	4.58	0	0	0	
2005-Jan-06	22:35	100.71	5.0	12.21	0.00	0	0	0	
2005-Jan-06	22:35	105.29	5.0	12.20	4.58	0	0	0	
2005-Jan-06	22:36	100.71	5.0	12.11	0.00	0	0	0	
2005-Jan-06	22:36	100.71	5.1	12.21	4.58	0	0	0	
2005-Jan-06	22:37	100.71	5.1	12.24	0.00	0	0	0	
2005-Jan-06	22:37	105.29	5.1	12.24	0.00	0	0	0	
2005-Jan-06	22:38	86.97	5.1	12.30	4.58	0	0	0	
2005-Jan-06	22:38	100.71	5.1	12.34	0.00	0	0	0	
2005-Jan-06	22:39	105.29	5.1	12.33	0.00	0	0	0	
2005-Jan-06	22:39	100.71	5.1	12.24	4.58	0	0	0	
2005-Jan-06	22:40	105.29	5.1	12.21	4.58	0	0	0	
2005-Jan-06	22:40	105.29	5.1	12.24	0.00	0	0	0	
2005-Jan-06	22:41	109.86	5.2	12.24	4.58	0	0	0	
2005-Jan-06	22:41	105.29	5.2	12.24	4.58	0	0	0	
2005-Jan-06	22:42	105.29	5.2	12.11	0.00	0	0	0	
2005-Jan-06	22:42	105.29	5.2	12.21	4.58	0	0	0	
2005-Jan-06	22:43	105.29	5.2	12.27	4.58	0	0	0	
2005-Jan-06	22:43	109.86	5.2	12.30	4.58	0	0	0	

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Well		Field				Service Date		Customer		Job Number
WILKS 'A' #4						056-Jan-06		OXY USA, INC.		2205547196
Date	Time	Treating PSI	CMT RATE	CMT DENS	CMT AN PRES	0	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	psi	0	0	0		
2005-Jan-06	22:44	109.86	5.2	12.29	0.00	0	0	0		
2005-Jan-06	22:44	114.44	5.2	12.34	4.58	0	0	0		
2005-Jan-06	22:45	109.86	5.2	12.36	0.00	0	0	0		
2005-Jan-06	22:45	114.44	5.2	12.20	0.00	0	0	0		
2005-Jan-06	22:46	114.44	5.2	12.49	4.58	0	0	0		
2005-Jan-06	22:46	109.86	5.2	12.30	4.58	0	0	0		
2005-Jan-06	22:47	50.35	2.9	11.95	0.00	0	0	0		
2005-Jan-06	22:47								Start Mixing Tail Slurry	
2005-Jan-06	22:47	50.35	2.9	13.42	4.58	0	0	0		
2005-Jan-06	22:47								End Lead Slurry	
2005-Jan-06	22:47	50.35	2.9	13.60	4.58	0	0	0		
2005-Jan-06	22:47								Reset Total, Vol = 83.45 bbl	
2005-Jan-06	22:47	50.35	2.9	13.72	4.58	0	0	0		
2005-Jan-06	22:47	54.93	2.9	14.04	0.00	0	0	0		
2005-Jan-06	22:48	82.40	4.3	14.78	4.58	0	0	0		
2005-Jan-06	22:48	151.06	5.0	15.04	4.58	0	0	0		
2005-Jan-06	22:49	137.33	5.0	14.65	4.58	0	0	0		
2005-Jan-06	22:49	137.33	5.0	14.75	4.58	0	0	0		
2005-Jan-06	22:50	151.06	5.1	15.14	0.00	0	0	0		
2005-Jan-06	22:50	160.22	5.3	15.05	0.00	0	0	0		
2005-Jan-06	22:51	173.95	5.3	14.98	4.58	0	0	0		
2005-Jan-06	22:51	141.91	5.3	15.04	0.00	0	0	0		
2005-Jan-06	22:52	141.91	5.3	14.84	4.58	0	0	0		
2005-Jan-06	22:52	141.91	5.3	14.85	4.58	0	0	0		
2005-Jan-06	22:53	132.75	5.3	14.81	4.58	0	0	0		
2005-Jan-06	22:53	151.06	5.3	14.91	0.00	0	0	0		
2005-Jan-06	22:54	73.24	2.9	15.01	4.58	0	0	0		
2005-Jan-06	22:54	86.97	2.9	15.09	4.58	0	0	0		
2005-Jan-06	22:55	64.09	0.4	15.03	0.00	0	0	0		
2005-Jan-06	22:55	-4.58	0.0	10.02	4.58	0	0	0		
2005-Jan-06	22:56	0.00	0.0	9.47	4.58	0	0	0		
2005-Jan-06	22:56	-4.58	0.0	9.41	4.58	0	0	0		
2005-Jan-06	22:57	0.00	0.0	9.34	4.58	0	0	0		
2005-Jan-06	22:57	-4.58	0.0	9.24	0.00	0	0	0		
2005-Jan-06	22:58	-4.58	0.0	9.20	4.58	0	0	0		
2005-Jan-06	22:58	-4.58	0.0	9.12	0.00	0	0	0		
2005-Jan-06	22:59	-4.58	0.0	9.10	4.58	0	0	0		
2005-Jan-06	22:59	0.00	0.0	9.13	4.58	0	0	0		
2005-Jan-06	23:00	50.35	0.0	9.31	0.00	0	0	0		
2005-Jan-06	23:00	50.35	0.0	9.20	4.58	0	0	0		
2005-Jan-06	23:01	50.35	2.6	8.98	0.00	0	0	0		
2005-Jan-06	23:01	50.35	3.8	8.40	4.58	0	0	0		
2005-Jan-06	23:02	50.35	4.3	8.38	0.00	0	0	0		
2005-Jan-06	23:02	50.35	4.3	8.51	0.00	0	0	0		
2005-Jan-06	23:03	45.78	4.3	8.52	0.00	0	0	0		
2005-Jan-06	23:03	45.78	4.3	8.52	4.58	0	0	0		
2005-Jan-06	23:03								End Tail Slurry	
2005-Jan-06	23:03								Drop Top Plug	
2005-Jan-06	23:03	45.78	4.3	8.52	0.00	0	0	0		
2005-Jan-06	23:03								Start Displacement	
2005-Jan-06	23:03	45.78	4.3	8.52	0.00	0	0	0		
2005-Jan-06	23:03	45.78	4.3	8.40	4.58	0	0	0		
2005-Jan-06	23:04	45.78	4.3	8.38	0.00	0	0	0		
2005-Jan-06	23:04	100.71	5.8	8.37	0.00	0	0	0		

KCC
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Well		Field				Service Date		Customer		Job Number					
WILKS 'A' #4						056-Jan-06		OXY USA, INC.		2205547196					
Date	Time	Treating PSI	CMT RATE	CMT DENS	CMT AN PRES	0	0	0	Message						
	24 hr clock	psi	bbl/min	lb/gal	psi	0	0	0	<p style="text-align: center; font-size: 2em; font-weight: bold;">KCC</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">MAY 03 2005</p> <p style="text-align: center; font-size: 2em; font-weight: bold; opacity: 0.5;">CONFIDENTIAL</p>						
2005-Jan-06	23:05	137.33	5.5	8.39	4.58	0	0	0							
2005-Jan-06	23:05	160.22	5.5	8.39	0.00	0	0	0							
2005-Jan-06	23:06	173.95	5.5	8.38	4.58	0	0	0							
2005-Jan-06	23:06	187.68	5.6	8.37	4.58	0	0	0							
2005-Jan-06	23:07	132.75	2.0	8.37	0.00	0	0	0							
2005-Jan-06	23:07	151.06	2.0	8.37	0.00	0	0	0							
2005-Jan-06	23:08	141.91	2.0	8.37	0.00	0	0	0							
2005-Jan-06	23:08	151.06	2.0	8.37	4.58	0	0	0							
2005-Jan-06	23:09	160.22	2.0	8.37	0.00	0	0	0							
2005-Jan-06	23:09	164.79	2.0	8.37	4.58	0	0	0							
2005-Jan-06	23:10	173.95	2.0	8.37	0.00	0	0	0							
2005-Jan-06	23:10	178.53	2.0	8.37	0.00	0	0	0							
2005-Jan-06	23:11	187.68	2.0	8.37	0.00	0	0	0							
2005-Jan-06	23:11	192.26	2.0	8.37	4.58	0	0	0							
2005-Jan-06	23:12	192.26	2.0	8.37	4.58	0	0	0							
2005-Jan-06	23:12	219.73	2.0	8.37	0.00	0	0	0							
2005-Jan-06	23:13	544.74	0.0	8.37	4.58	0	0	0							
2005-Jan-06	23:13	563.05	0.0	8.37	4.58	0	0	0							
2005-Jan-06	23:13								End Displacement						
2005-Jan-06	23:13	563.05	0.0	8.37	0.00	0	0	0							
2005-Jan-06	23:13								Bump Top Plug						
2005-Jan-06	23:13	563.05	0.0	8.37	4.58	0	0	0							
2005-Jan-06	23:14	45.78	0.0	8.37	4.58	0	0	0							
2005-Jan-06	23:14	0.00	0.0	8.37	4.58	0	0	0							
2005-Jan-06	23:14								End Job						
Post Job Summary															
Average Pump Rates, bpm						Volume of Fluid Injected, bbl									
Slurry	N2		Mud	Maximum Rate		Total Slurry	Mud		Spacer	N2					
5	0		0	6		121.3	0		10						
Treating Pressure Summary, psi						Breakdown Fluid									
Maximum	Final	Average		Bump Plug to	Breakdown	Volume			Density						
500		100		560											
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?			Volume						
%		121.3 bbl		44.8 bbl	°F	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume 40 bbl <input type="checkbox"/> Washed Thru Perfs To ft									
Customer or Authorized Representative				Schlumberger Supervisor				CirculationLost				Job Completed			
FILLPOT, GREGG				Gonzales, Paul				<input type="checkbox"/> CirculationLost				<input checked="" type="checkbox"/> Job Completed			

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Schlumberger

Date	1/6/2005
Company	OXY
Job Number	2205547196
Well Name	WIKS
Well Number	A 4
County	GRANT
State	KS

Pipe Size	8 5/8	
Pipe Weight	24	32
Pipe Depth	747	
Shoe Length	42.95	
Insert Depth	742.05	
Hole Size	12 1/4	
Hole Depth	745	

35:65 POZ		
220 sacks	Class C	D29 S01
2.18 yield	D20	D132
12.2 weight		
12.3 water	64.4	
cubic ft.	480	
height	586	
bbls	85.4	

102	Pipe Volume	48
	Annular Volume	55
	Total Cement	121
	Total Water	132

Pipe Factor	0.0637	0.0609
Annular Factor	0.0735	
Height Factor	1.2218	

C + ADDS		
150 sacks	D903 S1	D29
1.34 yield		
14.8 weight		
6.4 water	23	
cubic ft.	201	
height	246	
bbls	35.8	

Casing lift 307
Cement lift 169

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

Test 2000 psi

Mud

10 Spacer

85 Lead 12.2

36 Tail 14.8

44.8 Displacement

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

2000 Maximum Pressure

Pump time @ 4 BPM

42 MIN