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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: Pending
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Cheyenne Drilling LP
License: 33375
Wellsite Geologist: NA
Designate Type of Completion:
[X] New Well [] Re-Entry [] Workover
[] Oil [] SWD [] SIOW [] Temp. Abd.
[X] 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.
03/11/06 03/13/06 05/09/06
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 175-22022-00-06
County: Seward
C - NW - NW Sec 18 Twp. 32 S. R. 34W
660 feet from S (N) (circle one) Line of Section
660 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Davis A Well #: 3
Field Name: Holt
Producing Formation: Council Grove
Elevation: Ground: 2969 Kelly Bushing: 2976
Total Depth: 3215' Plug Back Total Depth: 3171'
Amount of Surface Pipe Set and Cemented at 658 feet
Multiple Stage Cementing Collar Used? [] Yes [X] No
If yes, show depth set
If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALI WITH 7.17-07
(Data must be collected from the Reserve Pit)
Chloride content 5500 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 [X] 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 07/06/06
Subscribed and sworn to before me this 6th day of July
2006
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2009

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

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

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Side Two

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

Sec. 18 Twp. 32 S. R. 34W East West County: Seward

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

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run: CBL Induction Neutron Microlog</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Name</td> <td style="width: 20%;">Top</td> <td style="width: 20%;">Datum</td> </tr> <tr> <td>Hollenberg</td> <td>2626</td> <td>350</td> </tr> <tr> <td>Herington</td> <td>2650</td> <td>326</td> </tr> <tr> <td>Krider</td> <td>2684</td> <td>292</td> </tr> <tr> <td>Winfeild</td> <td>2729</td> <td>247</td> </tr> <tr> <td>Towanda</td> <td>2779</td> <td>197</td> </tr> <tr> <td>Ft Riley</td> <td>2845</td> <td>131</td> </tr> <tr> <td>Council Grove</td> <td>2960</td> <td>16</td> </tr> </table> <p>(See Side Three)</p>	Name	Top	Datum	Hollenberg	2626	350	Herington	2650	326	Krider	2684	292	Winfeild	2729	247	Towanda	2779	197	Ft Riley	2845	131	Council Grove	2960	16
Name	Top	Datum																							
Hollenberg	2626	350																							
Herington	2650	326																							
Krider	2684	292																							
Winfeild	2729	247																							
Towanda	2779	197																							
Ft Riley	2845	131																							
Council Grove	2960	16																							

CASING RECORD New 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	658	C	155	35/65 Poz C + Additives
					C	195	Class C + Additives
Production	7 7/8	4 1/2	11.6	3214	C	240	35/65 Poz C + Additives
					H	225	50/50 Poz H + 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 <i>(Amount and Kind of Material Used)</i>	Depth
4	2988-3004	12 bbls FE Acid. 51bbls linear gel	
4	2984-3010	93 bbls 17% HCL-FE	
		Diverta Frac-10,018 gls WF115 linear gel	
		15,080# 100 mesh Sand, 43,367 gls 75QN2	
		WF115 linear gel, 80,840# 16/30 Sand	

TUBING RECORD	Size 2 3/8	Set At 3048	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. Pending	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil BBLS	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

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Side Three

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

Sec. 18 Twp. 32 S. R. 34W East West County: Seward

<u>Name</u>	<u>Top</u>	<u>Datum</u>
A1 LM	2971	5
B1 SH	3019	-43
B1 LM	3035	-59
B2 SH	3053	-77

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Cementing Service Report JUL 06 2006

Schlumberger

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Job Number

Customer OXY RESOURCES CALIFORNIA LLC ORCA

2205550463

Well Oxy Davis A-3		Location (legal)		Schlumberger Location Perryton, TX		Job Start 2006-Mar-11					
Field		Formation Name/Type		Deviation		Bit Size 12.3 in	Well MD 658 ft	Well TVD 658 ft			
County Seward		State/Province KS		BHP psi	BHST 86 °F	BHCT °F	Pore Press. Gradient psi/ft				
Well Master: 000000007		API / UWI:		Casing/Liner							
Rlg Name CHEYENNE 8	Drilled For Oil & Gas	Service Via Land		Depth, ft 661	Size, In 8.63	Weight, lb/ft 24	Grade	Thread			
Offshore Zone	Well Class New	Well Type Exploration		Tubing/Drill Pipe							
Drilling Fluid Type		Max. Density 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 1500 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 155 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 39.4 bbl	Packer Type	Packer Depth ft			
				Tubing Vol. bbl	Casing Vol. 42 bbl	Annular Vol. 49 bbl	OpenHole Vol 91 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: 200 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type:		Squeeze Type			
No. Centralizers:		Top Plugs: 1	Bottom Plugs: 0		Shoe Depth: 661 ft		Tool Type:				
Cement Head Type: Single		Stage Tool Type:		Tool Depth: ft		Stage Tool Depth: ft			Tall Pipe Size: in		
Job Scheduled For:		Arrived on Location: 2006-Mar-11 20:00	Leave Location: 2006-Mar-12 1:00		Collar Type:		Tall Pipe Depth: ft		Collar Depth: 618 ft		
						Sqz Total Vol: bbl					
Date	Time	Treating Pressure 24 hr clock psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	Flowmeter Rate bbl/min	Flowmeter Tot bbl	0	0	0	Message
2006-Mar-11	23:29	0	0.0	8.28	0.0	0.0	0.0	0	0	0	
2006-Mar-11	23:29										Start Job
2006-Mar-11	23:29	0	0.0	8.27	0.0	0.0	0.0	0	0	0	
2006-Mar-11	23:30	5	0.0	8.28	0.0	0.2	0.0	0	0	0	
2006-Mar-11	23:30	46	0.0	8.28	0.0	0.0	0.1	0	0	0	
2006-Mar-11	23:31	1836	0.0	8.28	0.1	0.0	0.2	0	0	0	
2006-Mar-11	23:31										Pressure Test Lines
2006-Mar-11	23:31	1794	0.0	8.27	0.1	0.0	0.2	0	0	0	
2006-Mar-11	23:31	146	0.0	8.27	0.1	0.0	0.2	0	0	0	
2006-Mar-11	23:31	46	0.0	8.24	0.1	2.6	0.3	0	0	0	
2006-Mar-11	23:31										Start Pumping Spacer
2006-Mar-11	23:32	41	0.6	8.27	0.1	3.5	0.8	0	0	0	
2006-Mar-11	23:32	41	2.7	8.27	0.5	3.5	2.6	0	0	0	
2006-Mar-11	23:33	23	2.2	7.98	1.7	2.4	4.2	0	0	0	
2006-Mar-11	23:33	14	0.0	5.44	2.7	27.9	6.4	0	0	0	
2006-Mar-11	23:34	37	0.0	7.40	2.7	6.4	8.6	0	0	0	
2006-Mar-11	23:34	37	0.0	8.27	2.7	3.3	10.3	0	0	0	
2006-Mar-11	23:35	37	0.0	8.27	2.7	3.2	11.9	0	0	0	
2006-Mar-11	23:35	37	2.8	8.27	3.1	3.3	13.5	0	0	0	
2006-Mar-11	23:36	37	2.7	8.27	4.5	3.1	15.1	0	0	0	
2006-Mar-11	23:36	110	5.7	8.55	7.0	5.6	17.5	0	0	0	
2006-Mar-11	23:36										End Spacer

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Well		Field			Service Date		Customer		Job Number
Oxy Davis #A-3					0670-Mar-11		OXY RESOURCES CALIFORNIA LLC ORCA		2205550463
Date	Time	Treating Pressure	Flow Rate	Density	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2006-Mar-11	23:36	119	5.7	9.03	9.3	5.8	19.8	0	
2006-Mar-11	23:36								Reset Total, Vol = 9.45 bbl
2006-Mar-11	23:36	124	5.7	9.13	9.4	5.8	20.0	0	
2006-Mar-11	23:37								Start Mixing Lead Slurry
2006-Mar-11	23:37	124	5.7	9.28	0.3	5.8	0.3	0	
2006-Mar-11	23:37	124	5.7	9.33	0.4	5.8	0.4	0	
2006-Mar-11	23:37	137	5.8	10.56	3.3	5.8	3.3	0	
2006-Mar-11	23:38	142	5.8	11.22	6.1	5.9	6.2	0	
2006-Mar-11	23:38	146	5.9	11.66	9.1	5.9	9.1	0	
2006-Mar-11	23:39	151	5.9	11.85	12.0	5.9	12.1	0	
2006-Mar-11	23:39	151	5.9	12.07	15.0	5.9	15.0	0	
2006-Mar-11	23:40	151	6.0	12.24	17.9	6.0	18.0	0	
2006-Mar-11	23:40	146	6.0	12.32	20.9	6.0	21.0	0	
2006-Mar-11	23:41	142	6.0	12.29	23.9	6.0	24.0	0	
2006-Mar-11	23:41	142	6.0	12.26	26.9	6.0	27.0	0	
2006-Mar-11	23:42	142	6.0	12.17	29.9	6.1	30.1	0	
2006-Mar-11	23:42	142	6.1	11.95	32.9	6.1	33.1	0	
2006-Mar-11	23:43	146	6.1	12.13	35.9	6.1	36.2	0	
2006-Mar-11	23:43	146	6.1	11.95	39.0	6.2	39.2	0	
2006-Mar-11	23:44	137	5.8	12.41	41.8	5.8	42.1	0	
2006-Mar-11	23:44	142	5.8	12.63	44.7	5.9	45.0	0	
2006-Mar-11	23:45	133	5.8	12.18	47.6	5.9	47.9	0	
2006-Mar-11	23:45	142	5.8	12.46	50.5	5.8	50.9	0	
2006-Mar-11	23:46	137	5.9	12.10	53.5	5.9	53.8	0	
2006-Mar-11	23:46	60	3.5	11.56	56.2	4.2	56.7	0	
2006-Mar-11	23:47	78	4.3	12.40	58.1	4.3	58.7	0	
2006-Mar-11	23:47	87	4.2	12.91	59.1	4.3	59.7	0	
2006-Mar-11	23:47								End Lead Slurry
2006-Mar-11	23:47	87	4.2	12.98	59.2	4.3	59.8	0	
2006-Mar-11	23:47								Reset Total, Vol = 59.23 bbl
2006-Mar-11	23:47								Start Mixing Tail Slurry
2006-Mar-11	23:47	82	4.2	13.02	0.1	4.3	0.1	0	
2006-Mar-11	23:47	92	4.2	13.39	1.0	4.3	1.0	0	
2006-Mar-11	23:48	87	4.2	13.95	3.1	4.3	3.2	0	
2006-Mar-11	23:48	128	5.0	14.32	5.3	5.0	5.4	0	
2006-Mar-11	23:49	137	5.0	14.54	7.8	5.0	7.9	0	
2006-Mar-11	23:49	137	5.0	14.70	10.3	5.1	10.4	0	
2006-Mar-11	23:50	151	5.2	14.78	12.8	5.2	12.9	0	
2006-Mar-11	23:50	146	5.2	14.84	15.4	5.3	15.6	0	
2006-Mar-11	23:51	156	5.3	14.85	18.0	5.3	18.2	0	
2006-Mar-11	23:51	146	5.2	14.79	20.6	5.3	20.9	0	
2006-Mar-11	23:52	151	5.2	14.76	23.3	5.4	23.5	0	
2006-Mar-11	23:52	146	5.2	14.72	25.9	5.3	26.2	0	
2006-Mar-11	23:53	146	5.2	14.60	28.5	5.4	28.8	0	
2006-Mar-11	23:53	146	5.2	14.69	31.1	5.3	31.4	0	
2006-Mar-11	23:54	146	5.3	14.75	33.7	5.3	34.1	0	
2006-Mar-11	23:54	151	5.2	14.75	36.3	5.3	36.7	0	
2006-Mar-11	23:55	146	5.2	14.74	39.0	5.3	39.4	0	
2006-Mar-11	23:55	151	5.2	14.69	41.6	5.3	42.0	0	
2006-Mar-11	23:56	69	0.0	14.31	43.9	4.1	44.6	0	
2006-Mar-11	23:56	-9	0.0	14.20	43.9	2.2	46.5	0	
2006-Mar-11	23:57	18	0.0	14.08	43.9	4.0	48.2	0	
2006-Mar-11	23:57	-5	0.0	11.23	43.9	3.6	48.6	0	
2006-Mar-11	23:57								Reset Total, Vol = 43.95 bbl

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Well		Field			Service Date	Customer		Job Number	
Oxy Davis #A-3					0670-Mar-11	OXY RESOURCES CALIFORNIA LLC ORCA		2205550463	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2006-Mar-11	23:57	-9	0.0	12.55	43.9	1.6	49.0	0	
2006-Mar-11	23:57								End Tail Slurry
2006-Mar-11	23:57	-9	0.0	13.10	43.9	4.1	49.1	0	
2006-Mar-11	23:57								Reset Total, Vol = 0.00 bbl
2006-Mar-11	23:57	-9	0.0	13.61	0.0	0.0	0.2	0	
2006-Mar-11	23:58	-9	0.0	13.40	0.0	0.0	0.3	0	
2006-Mar-11	23:58	-9	0.0	12.63	0.0	0.0	0.3	0	
2006-Mar-11	23:59	-14	0.0	10.69	0.0	0.0	0.3	0	
2006-Mar-11	23:59	-5	0.0	9.91	0.0	0.0	0.3	0	
2006-Mar-12	0:00	-9	0.0	9.54	0.0	0.0	0.3	0	
2006-Mar-12	0:00	-9	0.0	9.32	0.0	0.0	0.3	0	
2006-Mar-12	0:01	-9	0.0	9.18	0.0	0.0	0.3	0	
2006-Mar-12	0:01	-9	0.0	9.07	0.0	0.0	0.3	0	
2006-Mar-12	0:02	-9	0.0	9.00	0.0	0.0	0.3	0	
2006-Mar-12	0:02	-9	0.0	8.96	0.0	0.0	0.3	0	
2006-Mar-12	0:03	-9	0.0	8.94	0.0	0.0	0.3	0	
2006-Mar-12	0:03	37	0.0	8.60	0.0	3.4	0.8	0	
2006-Mar-12	0:03								Drop Top Plug
2006-Mar-12	0:03	37	0.4	8.58	0.0	3.6	0.8	0	
2006-Mar-12	0:03								Start Displacement
2006-Mar-12	0:03	37	2.6	8.57	0.2	4.2	1.2	0	
2006-Mar-12	0:04	50	4.0	8.58	2.2	4.9	3.7	0	
2006-Mar-12	0:04	55	5.5	8.25	4.8	5.7	6.3	0	
2006-Mar-12	0:05	46	5.5	8.28	7.5	5.7	9.2	0	
2006-Mar-12	0:05	64	5.5	8.33	10.3	5.7	12.0	0	
2006-Mar-12	0:06	87	5.6	8.33	13.1	5.7	14.9	0	
2006-Mar-12	0:06	96	5.6	8.28	15.9	5.7	17.8	0	
2006-Mar-12	0:07	114	5.6	8.28	18.7	5.8	20.6	0	
2006-Mar-12	0:07	133	5.6	8.28	21.5	10.4	24.1	0	
2006-Mar-12	0:08	156	5.6	8.28	24.3	5.8	27.2	0	
2006-Mar-12	0:08	169	5.6	8.28	27.1	5.8	30.1	0	
2006-Mar-12	0:09	192	5.7	8.28	30.0	5.8	33.0	0	
2006-Mar-12	0:09	206	5.7	8.28	32.8	5.8	35.9	0	
2006-Mar-12	0:10	146	2.7	8.28	35.1	2.8	38.3	0	
2006-Mar-12	0:10	192	2.7	8.27	36.5	2.8	39.7	0	
2006-Mar-12	0:11	1080	0.0	8.28	37.7	0.9	41.1	0	
2006-Mar-12	0:11	1057	0.0	8.27	37.7	0.0	41.1	0	
2006-Mar-12	0:12	1053	0.0	8.27	37.7	0.0	41.1	0	
2006-Mar-12	0:12	1053	0.0	8.28	37.7	0.0	41.1	0	
2006-Mar-12	0:13	1039	0.0	8.28	37.7	0.0	41.1	0	
2006-Mar-12	0:13	-5	0.0	8.23	37.7	0.0	41.1	0	
2006-Mar-12	0:14	-5	0.0	7.45	37.7	0.0	41.1	0	
2006-Mar-12	0:14	-5	0.0	7.35	37.7	0.0	41.1	0	
2006-Mar-12	0:14								Bump Top Plug
2006-Mar-12	0:14								End Displacement
2006-Mar-12	0:14								Reset Total, Vol = 37.69 bbl
2006-Mar-12	0:14	-5	0.0	7.28	37.7	0.0	41.1	0	
2006-Mar-12	0:14	-5	0.0	7.21	0.0	0.0	0.0	0	
2006-Mar-12	0:14								End Job

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Well		Field		Service Date		Customer		Job Number	
Oxy Davis #A-3				0670-Mar-11		OXY RESOURCES CALIFORNIA LLC ORCA		2205550463	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5			6	107	0	10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
			1000		bbl	lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	3	bbl		
%	107 bbl	39.4 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft			
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	
Fillpot, Gregg			Ahrends, Timothy						

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Schlumberger

Date	03/11/06
Company	OXY
Job Number	2205550463
Well Name	Oxy Davis
Well Number	A-3
County	Seward
State	KS

Pipe Size	8 5/8	
Pipe Weight	24	24
Pipe Depth	661	
Shoe Length	43	
Insert Depth	618	
Hole Size	12 1/4	
Hole Depth	658	

1st System	
155 sacks	C
2.18 yield	D132,D20,S1,D130
12.2 weight	
12.3 water	45.4
cubic ft.	338
height	819
bbls	60.2

91	Pipe Volume	42
	Annular Volume	49
	Total Cement	107
	Total Water	114

Pipe Factor	0.0637	0.0637
Annular Factor	0.0735	
Height Factor	2.4231	

2nd System	
195 sacks	C
1.34 yield	S1,D130
14.8 weight	
6.3 water	29
cubic ft.	261
height	633
bbls	46.5

Casing lift 272
 Cement lift 196

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

Test 2000

0 Mud
 10 Spacer

60 Lead **12.2**

47 Tail **14.8**

39.4 Displacement

1000 Maximum Pressure

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

Pump time @ 6 BPM

24 MIN

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Customer OXY RESOURCES CALIFORNIA LLC ORCA						Job Number 2205550468								
Well Oxy Davis A-3			Location (legal)			Schlumberger Location Perryton, TX			Job Start 2006-Mar-14					
Field		Formation Name/Type		Deviation		Bit Size 7.88 in	Well MD 3,215 ft	Well TVD 3,215 ft						
County seward		State/Province ks		BHP psi	BHST 112 °F	BHCT 88 °F	Pore Press. Gradient psi/ft							
Well Master: 000000007		API / UWI:		Casing/Liner										
Rlg Name CHEYENNE 8	Drilled For Oil & Gas		Service Via Land		Depth, ft 3219	Size, in 4.5	Weight, lb/ft 11.6	Grade J55	Thread 8RD					
Offshore Zone	Well Class New		Well Type Exploration		Tubing/Drill Pipe									
Drilling Fluid Type Bentonite		Max. Density 9 lb/gal	Plastic Viscosity 30 cp		Depth,	Size, in	Weight, lb/ft	Grade	Thread					
Service Line Cementing		Job Type Cem Prod Casing			Perforations/Open Hole									
Max. Allowed Tubing Pressure 2000 psi	Max. Allowed Ann. Pressure psi		Wellhead Connection 4 1/2" H&SM		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft					
Service Instructions CEMENT 4 1/2" PROD CASING WITH: 20 bbls CW100 240 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.5 pps D029 225 SK 50/50 POZ:H+2%D20+3%M117+5 pps D42+5 pps D53+0.25%D112+ 0.25%D65+0.25%D46					Diameter in	Treat Down Casing	Displacement 49.5 bbl	Packer Type	Packer Depth ft					
					Tubing Vol. bbl	Casing Vol. 50 bbl	Annular Vol. 130 bbl	Open Hole Vol. 194 bbl						
					Casing/Tubing Secured <input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>					Casing Tools		Squeeze Job		
					Lift Pressure: 2400 psi					Shoe Type: Guide		Squeeze Type		
Pipe Rotated <input type="checkbox"/> Pipe Reciprocated <input type="checkbox"/>					Shoe Depth: 3219 ft		Tool Type:							
No. Centralizers: 12		Top Plugs: 1		Bottom Plugs:		Stage Tool Type:		Tool Depth: ft						
Cement Head Type: Single					Stage Tool Depth: ft		Tall Pipe Size: in							
Job Scheduled For:		Arrived on Location: 2006-Mar-14 10:00		Leave Location: 2006-Mar-14 13:00		Collar Type: Auto-Fill		Tall Pipe Depth: ft						
					Collar Depth: 3174 ft		Sqz Total Vol: bbl							
Date	Time	Treating Pressure 24 hr clock psi	Flow Rate bbl/min	Density lb/gal	CMT STG VOL bbl	CMT VOL bbl	0	0	Message					
2006-Mar-14	11:22	27	0.0	8.36	0.0	0.0	0	0						
2006-Mar-14	11:22								Start Job					
2006-Mar-14	11:22	0	0.0	8.36	0.0	0.0	0	0						
2006-Mar-14	11:22								Pressure Test Lines					
2006-Mar-14	11:22	0	0.0	8.36	0.0	0.0	0	0						
2006-Mar-14	11:23	0	0.0	8.36	0.0	0.0	0	0						
2006-Mar-14	11:23	0	0.0	8.36	0.0	0.0	0	0						
2006-Mar-14	11:24								Start CW100					
2006-Mar-14	11:24	0	0.0	8.36	0.0	0.0	0	0						
2006-Mar-14	11:24	0	0.0	8.35	0.0	0.0	0	0						
2006-Mar-14	11:24	69	2.1	8.35	0.8	0.8	0	0						
2006-Mar-14	11:25	5	0.2	8.35	2.2	2.2	0	0						
2006-Mar-14	11:25	2097	0.0	8.35	2.3	2.3	0	0						
2006-Mar-14	11:26	23	0.0	8.35	2.3	2.3	0	0						
2006-Mar-14	11:26	73	2.3	8.35	2.3	2.3	0	0						
2006-Mar-14	11:27	201	5.9	8.36	4.2	4.2	0	0						
2006-Mar-14	11:27	211	6.1	8.36	7.2	7.2	0	0						
2006-Mar-14	11:28	224	6.3	8.36	10.3	10.3	0	0						
2006-Mar-14	11:28	247	6.4	8.36	13.5	13.5	0	0						
2006-Mar-14	11:29	156	6.5	8.36	16.7	16.7	0	0						
2006-Mar-14	11:29	224	6.1	8.36	19.8	19.8	0	0						
2006-Mar-14	11:30	243	6.1	8.38	22.8	22.8	0	0						

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Well			Field		Service Date		Customer		Job Number
Oxy Davis #A-3					0673-Mar-14		OXY RESOURCES CALIFORNIA LLC ORCA		2205550468
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0	
2006-Mar-14	11:30	243	6.1	8.38	22.9	22.9	0	0	
2006-Mar-14	11:30								Reset Total, Vol = 22.95 bbl
2006-Mar-14	11:30								Start Water Spacer
2006-Mar-14	11:30	247	6.1	8.37	0.1	23.3	0	0	
2006-Mar-14	11:30	270	6.2	8.35	2.6	25.9	0	0	
2006-Mar-14	11:31	266	6.3	8.35	5.7	29.1	0	0	
2006-Mar-14	11:31	275	6.4	8.51	8.3	31.7	0	0	
2006-Mar-14	11:31								Reset Total, Vol = 8.30 bbl
2006-Mar-14	11:31	279	6.5	8.82	0.1	32.3	0	0	
2006-Mar-14	11:31	279	6.4	8.99	0.1	32.6	0	0	
2006-Mar-14	11:31								Start Mixing Lead Slurry
2006-Mar-14	11:32	288	6.4	10.12	2.7	35.5	0	0	
2006-Mar-14	11:32	298	6.4	11.26	5.9	38.7	0	0	
2006-Mar-14	11:33	307	6.5	12.45	9.1	42.0	0	0	
2006-Mar-14	11:33	284	6.6	12.78	12.4	45.2	0	0	
2006-Mar-14	11:34	252	6.6	12.63	15.7	48.5	0	0	
2006-Mar-14	11:34	206	6.7	12.43	19.0	51.8	0	0	
2006-Mar-14	11:35	179	6.7	12.30	22.3	55.2	0	0	
2006-Mar-14	11:35	156	6.4	12.30	25.5	58.4	0	0	
2006-Mar-14	11:36	156	6.4	12.30	28.7	61.6	0	0	
2006-Mar-14	11:36	151	6.4	12.28	31.9	64.7	0	0	
2006-Mar-14	11:37	156	6.4	12.26	35.1	67.9	0	0	
2006-Mar-14	11:37	151	6.4	12.23	38.3	71.1	0	0	
2006-Mar-14	11:38	156	6.4	12.33	41.5	74.4	0	0	
2006-Mar-14	11:38	151	6.5	12.04	44.7	77.6	0	0	
2006-Mar-14	11:39	169	6.4	12.76	48.0	80.8	0	0	
2006-Mar-14	11:39	165	6.4	12.32	51.2	84.0	0	0	
2006-Mar-14	11:40	160	6.5	12.35	54.4	87.3	0	0	
2006-Mar-14	11:40	165	6.5	12.48	57.7	90.5	0	0	
2006-Mar-14	11:41	169	6.5	12.34	60.9	93.8	0	0	
2006-Mar-14	11:41	165	6.5	12.40	64.2	97.0	0	0	
2006-Mar-14	11:42	165	6.5	12.30	67.4	100.2	0	0	
2006-Mar-14	11:42	156	6.4	12.24	70.6	103.5	0	0	
2006-Mar-14	11:43	156	6.4	12.25	73.8	106.6	0	0	
2006-Mar-14	11:43	156	6.4	12.24	77.1	109.9	0	0	
2006-Mar-14	11:44	160	6.4	12.30	80.3	113.2	0	0	
2006-Mar-14	11:44	156	6.5	12.32	83.5	116.4	0	0	
2006-Mar-14	11:45	165	6.4	12.37	86.8	119.6	0	0	
2006-Mar-14	11:45	160	6.5	12.24	90.0	122.8	0	0	
2006-Mar-14	11:46	165	6.4	12.62	93.0	125.8	0	0	
2006-Mar-14	11:46								Reset Total, Vol = 92.97 bbl
2006-Mar-14	11:46	169	6.4	12.63	0.0	125.8	0	0	
2006-Mar-14	11:46	165	6.3	12.65	0.0	125.8	0	0	
2006-Mar-14	11:46								Start Mixing Tail Slurry
2006-Mar-14	11:46	197	6.2	13.55	2.7	128.5	0	0	
2006-Mar-14	11:47	247	6.3	14.20	5.9	131.7	0	0	
2006-Mar-14	11:47	238	6.3	13.97	9.0	134.8	0	0	
2006-Mar-14	11:48	229	6.2	13.88	12.1	137.9	0	0	
2006-Mar-14	11:48	224	6.1	13.95	15.2	141.0	0	0	
2006-Mar-14	11:49	238	6.2	13.97	18.3	144.1	0	0	
2006-Mar-14	11:49	238	6.2	13.98	21.4	147.2	0	0	
2006-Mar-14	11:50	243	6.3	13.83	24.5	150.3	0	0	
2006-Mar-14	11:50	238	6.3	13.98	27.6	153.4	0	0	
2006-Mar-14	11:51	243	6.3	14.21	30.8	156.6	0	0	

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Well			Field		Service Date		Customer		Job Number
Oxy Davis #A-3					0673-Mar-14		OXY RESOURCES CALIFORNIA LLC ORCA		2205550468
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT-VOL	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0	
2006-Mar-14	11:51	238	6.3	14.16	33.9	159.7	0	0	
2006-Mar-14	11:52	233	6.3	13.86	37.1	162.9	0	0	
2006-Mar-14	11:52	224	6.4	13.84	40.2	166.0	0	0	
2006-Mar-14	11:53	266	6.4	14.51	43.4	169.2	0	0	
2006-Mar-14	11:53	270	6.4	14.38	46.6	172.4	0	0	
2006-Mar-14	11:54	247	6.4	14.26	49.8	175.6	0	0	
2006-Mar-14	11:54	279	6.8	14.05	53.1	178.9	0	0	
2006-Mar-14	11:55	256	6.6	14.02	56.5	182.3	0	0	
2006-Mar-14	11:55	110	4.3	14.02	58.8	184.6	0	0	
2006-Mar-14	11:56								Reset Total, Vol = 60.43 bbl
2006-Mar-14	11:56	-14	0.1	13.53	60.4	186.2	0	0	
2006-Mar-14	11:56	-14	0.0	13.53	0.0	0.0	0	0	
2006-Mar-14	11:56								Drop Top Plug
2006-Mar-14	11:56	-14	0.0	13.54	0.0	0.0	0	0	
2006-Mar-14	11:56								Start Displacement
2006-Mar-14	11:56	-14	0.0	12.12	0.0	0.0	0	0	
2006-Mar-14	11:57	46	0.0	10.74	0.0	0.0	0	0	
2006-Mar-14	11:57	160	4.6	8.96	0.0	0.0	0	0	
2006-Mar-14	11:58	169	5.2	8.92	0.0	0.0	0	0	
2006-Mar-14	11:58	160	5.2	8.65	0.0	0.0	0	0	
2006-Mar-14	11:59	156	5.2	8.37	0.0	0.0	0	0	
2006-Mar-14	11:59	156	5.2	8.31	0.0	0.0	0	0	
2006-Mar-14	12:00	-14	0.0	8.37	0.0	0.0	0	0	
2006-Mar-14	12:00	-9	0.0	8.38	0.0	0.0	0	0	
2006-Mar-14	12:01	64	4.0	8.36	0.5	0.6	0	0	
2006-Mar-14	12:01	64	5.6	8.36	3.1	3.3	0	0	
2006-Mar-14	12:02	64	5.7	8.36	6.0	6.1	0	0	
2006-Mar-14	12:02	55	5.7	8.36	8.8	9.0	0	0	
2006-Mar-14	12:03	64	5.8	8.36	11.7	11.8	0	0	
2006-Mar-14	12:03	151	5.5	8.36	14.5	14.7	0	0	
2006-Mar-14	12:04	165	5.6	8.36	17.3	17.4	0	0	
2006-Mar-14	12:04	247	5.5	8.36	20.0	20.2	0	0	
2006-Mar-14	12:05	316	5.5	8.36	22.8	23.0	0	0	
2006-Mar-14	12:05	380	5.6	8.36	25.6	25.7	0	0	
2006-Mar-14	12:06	467	5.6	8.36	28.4	28.5	0	0	
2006-Mar-14	12:06	513	5.5	8.36	31.2	31.4	0	0	
2006-Mar-14	12:07	581	5.5	8.36	34.0	34.1	0	0	
2006-Mar-14	12:07	645	5.5	8.36	36.7	36.9	0	0	
2006-Mar-14	12:08	723	5.4	8.36	39.4	39.6	0	0	
2006-Mar-14	12:08	687	3.6	8.36	41.9	42.1	0	0	
2006-Mar-14	12:09	714	2.8	8.36	43.4	43.5	0	0	
2006-Mar-14	12:09	751	2.7	8.36	44.7	44.9	0	0	
2006-Mar-14	12:10	783	2.7	8.36	46.1	46.3	0	0	
2006-Mar-14	12:10	829	2.7	8.36	47.5	47.6	0	0	
2006-Mar-14	12:11	842	2.7	8.36	48.9	49.0	0	0	
2006-Mar-14	12:11	1703	0.0	8.36	49.9	50.0	0	0	
2006-Mar-14	12:12	1721	0.0	8.36	49.9	50.0	0	0	
2006-Mar-14	12:12	-14	0.0	8.36	49.9	50.0	0	0	
2006-Mar-14	12:13	-9	0.0	8.36	49.9	50.0	0	0	
2006-Mar-14	12:13								Reset Total, Vol = 49.89 bbl
2006-Mar-14	12:13	-9	0.0	8.36	49.9	50.0	0	0	
2006-Mar-14	12:13								Bump Top Plug
2006-Mar-14	12:13	-9	0.0	8.36	49.9	50.0	0	0	
2006-Mar-14	12:13	-9	0.0	8.36	49.9	50.0	0	0	

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Well		Field		Service Date		Customer		Job Number	
Oxy Davis #A-3				0673-Mar-14		OXY RESOURCES CALIFORNIA LLC ORCA		2205550468	
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	bbbl	0	0	
2006-Mar-14	12:13						0	0	End Displacement
2006-Mar-14	12:13	-9	0.0	8.36	49.9	50.0	0	0	
2006-Mar-14	12:13								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			7	153	22	8			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
800		300	1500			8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume bbl <input type="checkbox"/> Washed Thru Perfs To ft					
%	155 bbl	149 bbl	60 °F						
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			
Fillpot, Greg			Grigoriev, Valeriy						

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