

CONFIDENTIAL

KCC
DEC 13 2005

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

ORIGINAL

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: NCRA
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Marvin T. Harvey, Jr.
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. _____
08/18/05 08/26/05 11/16/05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 081-21610 - 00-00
County: Haskell
SW - SW - NW Sec 29 Twp. 30 S. R. 33W
2284 feet from S (circle one) Line of Section
403 feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
Lease Name: Blair C Well #: 5
Field Name: _____
Producing Formation: Lansing
Elevation: Ground: 2949 Kelly Bushing: 2960
Total Depth: 5579 Plug Back Total Depth: 4960
Amount of Surface Pipe Set and Cemented at 1843 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3022
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT I WHM 3-9-07
(Data must be collected from the Reserve Pit)
Chloride content 2700 mg/l ppm Fluid volume 1500 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. DEC 14 2005 S. R. East West
County: _____ Docket No.: _____
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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 12/13/05
Subscribed and sworn to before me this 13 day of Dec
20 05
Notary Public: Anita Peterson
Date Commission Expires: Oct 1, 2009

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

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

Side Two

Operator Name: OXY USA Inc. Lease Name: Blair H Well #: 1
 Sec. 29 Twp. 30 S. R. 33W East West County: Haskell

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	4033	-1073
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4104	-1144
List All E. Logs Run:	Neutron Induction	Marmaton	4752	-1792
Sonic Microlog CBL		Cherokee	4914	-1954
Tracer Scan Geological Report		Morrow	5238	-2278
		Chester	5326	-2366
		St. Genevieve	5330	-2370
		St. Louis	5386	-2426

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	1843	C	615	35/65 Poz + Additives
					C	195	Class C + Additives
Production	7 7/8	4 1/2	10.5	5578	H	350	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	Est 1500-3022	H	200	50/50 Poz + Additives, Port Collar
<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
4	(St. Louis) 5460-5466	Acidize - 3000 gls 17% FE	
	CIBP @ 5420		
4	(Cherokee) 4995-4998	Acidize-24 bbls 7.5% HCL-FE	
		Frac-13,000 gls WF130 gel, 75QN2 and 15,160# 20/40	
		Sand (See Side Three)	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4434		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
11/18/05	<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 Bbls	Gas-Oil Ratio	Gravity
	20		37		

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) _____

ORIGINAL

Side Three

Operator Name: OXY USA Inc. Lease Name: Blair H Well #: 1
Sec. 29 Twp. 30 S. R. 33W East West County: Haskell

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
	Set CIBP @ 4960'		
4	(Lansing) 4399-4402	Acidize 22 bbls 17% HCL-FE	
4	(Lansing) 4154-4166	Acidize - 2400 gls 17% FE Acid	
4	(Lansing) 4134-4146	Acidize - 86 bbls 17% HCL-FE	
4	(Lansing) 4106-4112	Acidize-57 bbls 17% HCL-FE	

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Customer OXY USA, INC.						Job Number 2205548454			
Well BLAIR H 1		Location (legal) Sec 29-T30S-R33W				Schlumberger Location Perryton, TX		Job Start 2005-Aug-20	
Field VICTORY		Formation Name/Type		Deviation		Bit Size 12.3 in	Well MD 1,844 ft	Well TVD 1,844 ft	
County HASKELL		State/Province KANSAS		BHP psi	BHST 97.5 °F	BHCT °F	Pore Press. Gradient psi/ft		
Well Master: 0630723272		API / UWI: 1508121610000		Casing/Liner					
Rig Name MURFIN 20	Drilled For Gas	Service Via Land		Depth, ft 1836.35	Size, in 8.63	Weight, lb/ft 24	Grade	Thread	
Offshore Zone	Well Class New	Well Type Development		11	8.63	24			
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 750 psi	Max. Allowed Ann. Pressure psi	Well Head Connection 8 5/8" H&SM		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	
Service Instructions CEMENT SURFACE 8 5/8" CASING 10 BBLS FRESH WATER 615 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 114.9 bbl	Packer Type		Packer Depth ft					
Tubing Vol. bbl	Casing Vol. 117.7 bbl	Annular Vol. 135.5 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: psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type: Guide	Squeeze Type					
No. Centralizers: 1	Top Plugs: 1	Bottom Plugs:	Shoe Depth: 1836.35 ft	Tool Type:					
Cement Head Type: Single	Stage Tool Type:	Tool Depth: ft							
Job Scheduled For: 8/19/2005 22:00	Arrived on Location: 2005-Aug-19 22:00	Leave Location: 2005-Aug-20	Stage Tool Depth: ft	Tail Pipe Size: in					
			Collar Type: Auto-Fill	Tail Pipe Depth: ft					
			Collar Depth: 1793.19 ft	Sqz Total Vol: bbl					
Date	Time	Treating Pressure psi	Density lb/gal	Rate bbl/min	Volume bbl	0	0	0	Message
2005-Aug-20	0:17	0	8.28	0.0	0.0	0	0	0	
2005-Aug-20	0:18	0	8.28	0.0	0.0	0	0	0	
2005-Aug-20	0:18								
2005-Aug-20	0:18	0	8.28	0.0	0.0	0	0	0	Pressure Test Lines
2005-Aug-20	0:18	0	8.28	0.0	0.0	0	0	0	RECEIVED
2005-Aug-20	0:19	32	8.29	1.5	0.2	0	0	0	DEC 14 2005
2005-Aug-20	0:19	1465	8.29	0.1	0.4	0	0	0	KCC WICHITA
2005-Aug-20	0:20	1485	8.28	0.0	0.4	0	0	0	
2005-Aug-20	0:20	32	8.28	1.2	0.1	0	0	0	
2005-Aug-20	0:20								Start Pumping Spacer
2005-Aug-20	0:20	35	8.28	1.3	0.2	0	0	0	
2005-Aug-20	0:21	68	8.28	3.2	1.1	0	0	0	
2005-Aug-20	0:21	185	8.27	6.1	3.7	0	0	0	
2005-Aug-20	0:22	180	8.27	6.2	6.8	0	0	0	
2005-Aug-20	0:22	178	8.27	6.3	10.0	0	0	0	
2005-Aug-20	0:23								
2005-Aug-20	0:23	179	8.52	6.2	11.2	0	0	0	Reset Total, Vol = 10.58 bbl
2005-Aug-20	0:23	181	8.61	6.2	0.3	0	0	0	
2005-Aug-20	0:23								
2005-Aug-20	0:23	188	9.41	6.2	1.9	0	0	0	Start Mixing Lead Slurry
2005-Aug-20	0:23	207	11.04	6.3	4.9	0	0	0	
2005-Aug-20	0:24	208	12.15	6.4	8.1	0	0	0	

Well		Field			Service Date		Customer			Job Number
BLAIR H #1		VICTORY			05232-Aug-20		OXY USA, INC.			2205548454
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbbl/min	bbbl	0	0	0		
2005-Aug-20	0:24	189	11.73	6.5	11.4	0	0	0		
2005-Aug-20	0:25	189	12.21	6.5	14.7	0	0	0		
2005-Aug-20	0:25	185	11.98	6.5	17.9	0	0	0		
2005-Aug-20	0:26	179	11.98	6.5	21.2	0	0	0		
2005-Aug-20	0:26	174	11.88	6.5	24.4	0	0	0		
2005-Aug-20	0:27	169	12.09	6.6	27.7	0	0	0		
2005-Aug-20	0:27	167	12.07	6.5	30.9	0	0	0		
2005-Aug-20	0:28	159	12.00	6.5	34.2	0	0	0		
2005-Aug-20	0:28	154	11.91	6.5	37.5	0	0	0		
2005-Aug-20	0:29	156	12.01	6.5	40.7	0	0	0		
2005-Aug-20	0:29	157	11.96	6.6	44.1	0	0	0		
2005-Aug-20	0:30	156	11.85	6.5	47.4	0	0	0		
2005-Aug-20	0:30	158	11.74	6.7	50.7	0	0	0		
2005-Aug-20	0:31	137	12.01	6.0	53.7	0	0	0		
2005-Aug-20	0:31	136	12.23	6.1	56.8	0	0	0		
2005-Aug-20	0:32	134	11.93	6.0	59.8	0	0	0		
2005-Aug-20	0:32	135	12.21	6.0	62.8	0	0	0		
2005-Aug-20	0:33	134	11.97	6.1	65.8	0	0	0		
2005-Aug-20	0:33	154	12.30	6.5	68.9	0	0	0		
2005-Aug-20	0:34	162	12.13	6.7	72.2	0	0	0		
2005-Aug-20	0:34	145	12.06	6.3	75.4	0	0	0		
2005-Aug-20	0:35	147	12.11	6.4	78.6	0	0	0		
2005-Aug-20	0:35	146	12.22	6.4	81.8	0	0	0		
2005-Aug-20	0:36	146	12.23	6.3	85.0	0	0	0		
2005-Aug-20	0:36	142	12.01	6.3	88.1	0	0	0		
2005-Aug-20	0:37	142	11.85	6.3	91.3	0	0	0		
2005-Aug-20	0:37	148	11.95	6.3	94.4	0	0	0		
2005-Aug-20	0:38	149	11.94	6.4	97.6	0	0	0		
2005-Aug-20	0:38	145	12.01	6.4	100.8	0	0	0		
2005-Aug-20	0:39	134	11.35	5.9	103.9	0	0	0		
2005-Aug-20	0:39	139	12.14	6.5	107.1	0	0	0		
2005-Aug-20	0:40	151	12.31	6.5	110.3	0	0	0		
2005-Aug-20	0:40	152	12.00	6.4	113.5	0	0	0		
2005-Aug-20	0:41	138	11.67	5.9	116.7	0	0	0		
2005-Aug-20	0:41	124	11.97	6.0	119.7	0	0	0		
2005-Aug-20	0:42	127	11.99	6.0	122.7	0	0	0		
2005-Aug-20	0:42	126	12.06	6.0	125.7	0	0	0		
2005-Aug-20	0:43	133	12.42	6.0	128.7	0	0	0		
2005-Aug-20	0:43	129	12.25	5.9	131.7	0	0	0		
2005-Aug-20	0:44	127	12.32	5.9	134.6	0	0	0		
2005-Aug-20	0:44	123	12.07	5.9	137.6	0	0	0		
2005-Aug-20	0:45	124	12.24	6.0	140.6	0	0	0		
2005-Aug-20	0:45	129	12.29	6.1	143.6	0	0	0		
2005-Aug-20	0:46	125	12.18	6.1	146.7	0	0	0		
2005-Aug-20	0:46	114	12.05	5.9	149.7	0	0	0		
2005-Aug-20	0:47	119	12.18	6.0	152.7	0	0	0		
2005-Aug-20	0:47	119	12.30	6.0	155.7	0	0	0		
2005-Aug-20	0:48	114	12.15	6.0	158.7	0	0	0		
2005-Aug-20	0:48	115	12.32	6.0	161.7	0	0	0		
2005-Aug-20	0:49	114	12.17	6.0	164.7	0	0	0		
2005-Aug-20	0:49	113	12.12	6.1	167.7	0	0	0		
2005-Aug-20	0:50	110	12.01	6.1	170.7	0	0	0		
2005-Aug-20	0:50	104	11.58	5.5	173.6	0	0	0		
2005-Aug-20	0:51	105	12.16	6.1	176.6	0	0	0		

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Well		Field			Service Date		Customer		Job Number
BLAIR H #1		VICTORY			05232-Aug-20		OXY USA, INC.		2205648454
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbbl/min	bbbl	0	0	0	
2005-Aug-20	0:51	113	12.12	6.1	179.7	0	0	0	
2005-Aug-20	0:52	109	12.01	6.1	182.7	0	0	0	
2005-Aug-20	0:52	107	12.01	6.0	185.8	0	0	0	
2005-Aug-20	0:53	106	11.96	6.1	188.9	0	0	0	
2005-Aug-20	0:54	103	11.93	6.0	191.9	0	0	0	
2005-Aug-20	0:54	107	12.13	6.0	194.9	0	0	0	
2005-Aug-20	0:55	114	12.34	6.0	198.0	0	0	0	
2005-Aug-20	0:55	116	12.37	6.0	201.0	0	0	0	
2005-Aug-20	0:56	114	12.28	6.0	204.0	0	0	0	
2005-Aug-20	0:56	111	12.16	6.0	207.0	0	0	0	
2005-Aug-20	0:57	109	12.12	6.0	210.0	0	0	0	
2005-Aug-20	0:57	110	12.16	6.0	213.0	0	0	0	
2005-Aug-20	0:58	110	12.14	6.0	216.0	0	0	0	
2005-Aug-20	0:58	114	12.23	6.1	219.0	0	0	0	
2005-Aug-20	0:59	113	12.18	6.0	222.0	0	0	0	
2005-Aug-20	0:59	110	12.12	6.1	225.0	0	0	0	
2005-Aug-20	1:00	108	12.05	6.0	228.0	0	0	0	
2005-Aug-20	1:00	109	12.11	6.0	231.0	0	0	0	
2005-Aug-20	1:01	118	12.27	6.0	234.0	0	0	0	
2005-Aug-20	1:01	122	12.34	6.1	237.0	0	0	0	
2005-Aug-20	1:02	124	12.27	6.0	240.0	0	0	0	
2005-Aug-20	1:02	115	12.50	6.0	242.9	0	0	0	
2005-Aug-20	1:02								Reset Total, Vol = 242.82 bbl
2005-Aug-20	1:02	113	12.53	5.9	0.1	0	0	0	
2005-Aug-20	1:02	112	12.56	6.0	0.2	0	0	0	
2005-Aug-20	1:02								Start Mixing Tail Slurry
2005-Aug-20	1:03	136	13.25	6.0	3.1	0	0	0	
2005-Aug-20	1:03	154	13.97	6.0	6.1	0	0	0	
2005-Aug-20	1:04	160	14.42	5.9	9.1	0	0	0	
2005-Aug-20	1:04	132	14.75	5.5	11.9	0	0	0	
2005-Aug-20	1:05	169	14.83	6.1	15.0	0	0	0	
2005-Aug-20	1:05	167	14.75	6.0	18.0	0	0	0	
2005-Aug-20	1:06	164	14.75	5.9	21.0	0	0	0	
2005-Aug-20	1:06	161	14.63	6.0	24.0	0	0	0	
2005-Aug-20	1:07	158	14.49	6.1	27.1	0	0	0	
2005-Aug-20	1:07	124	14.65	5.3	29.8	0	0	0	
2005-Aug-20	1:08	126	14.73	5.4	32.5	0	0	0	
2005-Aug-20	1:08	127	14.80	5.5	35.2	0	0	0	
2005-Aug-20	1:09	132	14.93	5.3	37.9	0	0	0	
2005-Aug-20	1:09	135	15.23	5.5	40.6	0	0	0	
2005-Aug-20	1:10	196	15.12	6.4	43.7	0	0	0	
2005-Aug-20	1:10	69	14.88	5.6	46.9	0	0	0	
2005-Aug-20	1:11	55	14.71	3.8	48.9	0	0	0	
2005-Aug-20	1:11	-18	14.68	3.9	50.9	0	0	0	
2005-Aug-20	1:11								Reset Total, Vol = 49.40 bbl
2005-Aug-20	1:11	-18	13.99	0.0	51.2	0	0	0	
2005-Aug-20	1:11								Drop Top Plug
2005-Aug-20	1:11	-19	14.23	0.0	0.0	0	0	0	
2005-Aug-20	1:11	-18	14.39	0.0	0.0	0	0	0	
2005-Aug-20	1:11								Start Displacement
2005-Aug-20	1:12	-18	14.52	0.0	0.0	0	0	0	
2005-Aug-20	1:12	-18	14.53	0.1	0.0	0	0	0	
2005-Aug-20	1:13	-18	11.92	0.0	0.1	0	0	0	
2005-Aug-20	1:13	-18	10.77	0.0	0.1	0	0	0	

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Well		Field			Service Date		Customer		Job Number
BLAIR H #1		VICTORY			05232-Aug-20		OXY USA, INC.		2205548454
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2005-Aug-20	1:14	-18	10.30	0.0	0.1	0	0	0	
2005-Aug-20	1:14	-18	9.93	0.0	0.1	0	0	0	
2005-Aug-20	1:15	67	8.68	5.9	1.2	0	0	0	
2005-Aug-20	1:15	40	8.70	6.1	4.2	0	0	0	
2005-Aug-20	1:16	28	8.31	6.1	7.3	0	0	0	
2005-Aug-20	1:16	36	8.30	6.2	10.4	0	0	0	
2005-Aug-20	1:17	22	8.33	6.2	13.5	0	0	0	
2005-Aug-20	1:17	20	8.06	5.5	16.5	0	0	0	
2005-Aug-20	1:18	42	8.30	6.1	19.5	0	0	0	
2005-Aug-20	1:18	52	8.30	6.1	22.6	0	0	0	
2005-Aug-20	1:19	58	8.31	6.0	25.6	0	0	0	
2005-Aug-20	1:19	68	8.30	6.0	28.5	0	0	0	
2005-Aug-20	1:20	80	8.30	6.0	31.5	0	0	0	
2005-Aug-20	1:20	88	8.30	6.0	34.5	0	0	0	
2005-Aug-20	1:21	98	8.30	6.0	37.5	0	0	0	
2005-Aug-20	1:21	110	8.30	6.0	40.5	0	0	0	
2005-Aug-20	1:22	120	8.30	6.0	43.5	0	0	0	
2005-Aug-20	1:22	131	8.30	6.0	46.5	0	0	0	
2005-Aug-20	1:23	144	8.30	6.0	49.5	0	0	0	
2005-Aug-20	1:23								Cement to Surface
2005-Aug-20	1:23	151	8.30	6.0	52.1	0	0	0	
2005-Aug-20	1:23	152	8.30	6.1	52.5	0	0	0	
2005-Aug-20	1:24	170	8.30	6.0	55.6	0	0	0	
2005-Aug-20	1:24	179	8.30	6.0	58.6	0	0	0	
2005-Aug-20	1:25	191	8.30	6.1	61.6	0	0	0	
2005-Aug-20	1:25	206	8.30	6.0	64.6	0	0	0	
2005-Aug-20	1:26	220	8.30	6.1	67.6	0	0	0	
2005-Aug-20	1:26	240	8.30	6.0	70.7	0	0	0	
2005-Aug-20	1:27	255	8.30	6.0	73.7	0	0	0	
2005-Aug-20	1:27	276	8.30	6.1	76.7	0	0	0	
2005-Aug-20	1:28	292	8.30	6.0	79.8	0	0	0	
2005-Aug-20	1:28	321	8.30	6.1	82.8	0	0	0	
2005-Aug-20	1:29	332	8.30	6.1	85.8	0	0	0	
2005-Aug-20	1:29	353	8.30	6.0	88.8	0	0	0	
2005-Aug-20	1:30	374	8.30	6.1	91.9	0	0	0	
2005-Aug-20	1:30	395	8.30	6.0	94.9	0	0	0	
2005-Aug-20	1:31	428	8.30	6.1	97.9	0	0	0	
2005-Aug-20	1:31	434	8.30	6.1	100.9	0	0	0	
2005-Aug-20	1:32	460	8.30	6.0	103.9	0	0	0	
2005-Aug-20	1:32	488	8.30	6.0	107.0	0	0	0	
2005-Aug-20	1:33	506	8.30	6.1	110.0	0	0	0	
2005-Aug-20	1:33	441	8.30	2.6	111.5	0	0	0	
2005-Aug-20	1:34	453	8.30	2.6	112.8	0	0	0	
2005-Aug-20	1:34	462	8.30	2.6	114.1	0	0	0	
2005-Aug-20	1:35	471	8.30	2.6	115.5	0	0	0	
2005-Aug-20	1:35	967	8.30	0.2	116.6	0	0	0	
2005-Aug-20	1:36	987	8.30	0.0	116.6	0	0	0	
2005-Aug-20	1:36								Bump Top Plug
2005-Aug-20	1:36	987	8.30	0.0	116.6	0	0	0	
2005-Aug-20	1:36								Reset Total, Vol = 114.72 bbl
2005-Aug-20	1:36	719	8.30	0.0	0.0	0	0	0	
2005-Aug-20	1:37	-5	8.30	0.0	0.0	0	0	0	
2005-Aug-20	1:37								Float Holding

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Well		BLAIR H #1		Field		VICTORY		Service Date		05232-Aug-20		Customer		OXY USA, INC.		Job Number		2205548454	
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message										
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0											
2005-Aug-20	1:37	-4	8.29	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			6	293		10													
Treating Pressure Summary, psi										Breakdown Fluid									
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density													
500		250				8.34 lb/gal													
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	60 bbl													
%	286 bbl	114.9 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft													
Customer or Authorized Representative				Schlumberger Supervisor				Ousley, John				<input type="checkbox"/> Circulation Lost				<input checked="" type="checkbox"/> Job Completed			
Willimon, Wes																			

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Customer: Oxy USA Job #: 2205548454
 Well name: Blair H Job Type: Surface
 Well #: 1 Bit Size: 12 1/4
 County: Haskell Well Depth: 1844
 State: Texas Stage: 1

System 1
 615 sks 35/65 Poz C+6%D20+2%S1+0.5 pps D29
 2.18 :yield 239 bbl cmt
 12.3 :H2O 180 bbl H2O
 12.2 wt. 1341 cu. ft.
 2061 ann Psi 3248 ann. ft

System 2
 195 sks Class C+2%S1+0.25 pps D29
 1.34 :yield 47 bbl cmt
 6.3 :H2O 29 bbl H2O
 14.8 wt. 261 cu. ft.
 487 ann. Psi 633 ann. ft

Mud / Nitrogen
 bbl of 8.9 lb/gal mud
 scf/bbl cooldown nitrogen
 0 scf downhole 0 height ann.
 0 scf total used 0 psi ann.hyd.

Mud Removal/Spacer
 10 bbl of FreshWater 8.33 lb/gal
 136 ft ann. Height 59 psi ann. hyd.

Pipe Data

8.625 O.D.	DV Tool	feet	
8.097 I.D.			
Csg Wt.	Feet	cap.	volume
24	1836.35	0.0637	116.98 bbl
24	11	0.0637	0.70 bbl
24	0	0.0637	0.00 bbl

TD 1844 feet 3.35 ft above floor
 TP 1847.35 feet 117.68 bbl
 SJ 43.16 feet 2.75 bbl
 Float @ 1804.19 feet 114.93 bbl

Annular Data

12.250 OH	cap.	0.1458 bbl/ft
0.0735 bbl/ft		0.4127 cuft/ft
13.6035 ft/bbl		2.4229 ft/cuft

Csg Wt. Air 44336.4 lb.
 CrossSect. Area 6.9345 sq. in.
 Bouyancy 8720 lb.
 Csg Wt. Fluid 35616 lb.
 Csg Inside Area 51.4919 sq. in.
 Csg Lift Pressure 692 psi
 Ann Hydrostatic 1258 psi
 Differential 476 psi

D903 Class C Plug down @ 01:30 hrs
 D132 Poz Lift Pressure 500 psi
 D020 Bentonite Bumped to 990 psi
 S001 CaCl Salt
 D029 Celloflake Thickening Time: hrs

Totals

Nitrified Mud	0 bbl with	0 scf/bbl
FreshWater	10 bbl @	8.33 lb/gal
System 1	239 bbl @	12.2 lb/gal
System 2	47 bbl @	14.8 lb/gal
Displacement	114.9 bbl with	0 % flush
OpenHole Volume	269 bbl	
Annular Volume	136 bbl	
Total Cement	283 bbl	
Total Water	402 bbl needed	
Differential	476 psi	
Casing Lift	692 psi	
Top of Scav/Lead	0 ft	
Top of Tail	1252 ft	
Total Excess	108 %	

Rig Water

Chlorides	0	PH	6
Sulfates	0	Tanin/Lignin	n/a
Iron	0	usable?	yes

Displacement Chemicals

0 % Treated Displacement		
D047	0 gal/1000	0 gal total
L064	0 gal/1000	0 gal total
F103	0 gal/1000	0 gal total
L401	0 gal	0 gal total

Chemical Wash

none	0 gal needed
none	0 gal needed

Time

Stage	Vol	Rate	Minutes
N2/Mud	0	5.7	0
Spacer	10	5.7	2
Lead	239	5.7	42
Tail	47	5.7	8
Drop Plug	0	0	10
Displace	114.9	5.7	20
Slowdown	0	2	0
Total Pump Time			92

60 BBL CMT TO SURFACE

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Cementing Service Report

Customer OXY USA, INC.	Job Number 2205549422
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Well BLAIR H 1		Location (legal) Sec 29-T30S-R33W		Schlumberger Location Perryton, TX		Job Start 2005-Aug-27									
Field VICTORY		Formation Name/Type		Deviation		Bit Size 7.88 in		Well MD 5,579 ft		Well TVD 5,579 ft					
County HASKELL		State/Province KANSAS		BHP psi		BHST 135 °F		BHCT °F		Pore Press. Gradient psi/ft					
Well Master: 0630723272		API / UWI: 15081216100000		Casing/Liner											
Rig Name MURFIN 20		Drilled For Gas		Service Via Land		Depth, ft 5578		Size, in 4.5		Weight, lb/ft 10.5		Grade		Thread	
Offshore Zone		Well Class New		Well Type Development		Tubing/Drill Pipe									
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cp		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Service Line Cementing		Job Type Cem Prod Casing		Perforations/Open Hole											
Max. Allowed Tubing Pressure 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" PRODUCTION CASING : 20 BBLs CW100 350 SKS 50/50 Poz:H+2%D20+3%M117+ 5 PPS D42+5 PPS D53+0.25 %D112+ 0.25 %D65 + 0.25%D46 DISPLACE W/FRESH WATER 25 SKS 50/50 POZ H + ADDS FOR RAT & MOUSE						Treat Down Casing		Displacement 88.2 bbl		Packer Type		Packer Depth ft			
						Tubing Vol. bbl		Casing Vol. 89 bbl		Annular Vol. 226 bbl		Open Hole Vol. 315 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: 850 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		Shoe Type:		Squeeze Type							
No. Centralizers:		Top Plugs: 1		Bottom Plugs: 1		Shoe Depth: 5578 ft		Tool Type:							
Cement Head Type: Single		Stage Tool Type:		Tool Depth: ft		Stage Tool Depth: ft		Tail Pipe Size: in							
Job Scheduled For:		Arrived on Location: 2005-Aug-27 21:45		Leave Location: 2005-Aug-28 0:30		Collar Type:		Tail Pipe Depth: ft							
						Collar Depth: 5535 ft		Sqz Total Vol: bbl							
Date	Time	Treating Pressure psi	Flow Rate bbl/min	CMT DENS lb/gal	Volume bbl	Flowmeter Rate bbl/min	Flowmeter Tot bbl	0	0	0	0	Message			
2005-Aug-27	22:54	0	0.0	8.29	0.0	0.0	0.0	0	0	0	0				
2005-Aug-27	22:54											Start Job			
2005-Aug-27	22:55	5	0.0	8.29	0.0	0.5	0.0	0	0	0	0				
2005-Aug-27	22:55	3195	0.0	8.28	0.1	0.0	0.4	0	0	0	0				
2005-Aug-27	22:55	3145	0.0	8.28	0.1	0.0	0.4	0	0	0	0				
2005-Aug-27	22:55											Pressure Test Lines			
2005-Aug-27	22:56	2957	0.0	8.28	0.1	0.0	0.4	0	0	0	0				
2005-Aug-27	22:56	9	0.0	8.28	0.1	0.0	0.4	0	0	0	0				
2005-Aug-27	22:57	252	2.6	8.28	0.3	1.8	0.7	0	0	0	0				
2005-Aug-27	22:57											Drop Bottom Plug			
2005-Aug-27	22:57	266	5.6	8.28	1.1	5.1	1.4	0	0	0	0				
2005-Aug-27	22:57	261	5.5	8.29	2.1	5.6	2.5	0	0	0	0				
2005-Aug-27	22:57											Start Pumping Wash			
2005-Aug-27	22:57	266	5.6	8.29	2.7	5.7	3.0	0	0	0	0				
2005-Aug-27	22:58	261	5.6	8.29	5.5	5.7	5.8	0	0	0	0				
2005-Aug-27	22:58	252	5.6	8.29	8.3	5.7	8.7	0	0	0	0				
2005-Aug-27	22:59	275	5.6	8.29	11.1	5.7	11.6	0	0	0	0				
2005-Aug-27	22:59	238	5.7	8.29	13.9	5.7	14.4	0	0	0	0				
2005-Aug-27	23:00	243	5.7	8.29	16.8	5.8	17.3	0	0	0	0				
2005-Aug-27	23:00	160	5.8	8.75	19.6	5.0	20.2	0	0	0	0				
2005-Aug-27	23:01											End Wash			
2005-Aug-27	23:01	14	0.0	8.24	20.3	0.1	21.2	0	0	0	0				

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Well		Field			Service Date		Customer		Job Number
BLAIR H #1		VICTORY			05239-Aug-27		OXY USA, INC.		2205549422
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2005-Aug-27	23:01	9	0.0	8.24	20.3	0.0	21.2	0	
2005-Aug-27	23:01								Reset Total, Vol = 20.26 bbl
2005-Aug-27	23:01	9	0.0	8.22	0.0	0.0	0.0	0	
2005-Aug-27	23:01								rat & mouse
2005-Aug-27	23:01	5	0.0	8.25	0.0	0.0	0.0	0	
2005-Aug-27	23:01	5	0.0	8.28	0.0	0.0	0.0	0	
2005-Aug-27	23:02	5	0.0	8.37	0.0	2.4	0.1	0	
2005-Aug-27	23:02	0	0.0	10.48	0.0	1.1	0.9	0	
2005-Aug-27	23:03	0	0.0	12.14	0.0	1.0	1.5	0	
2005-Aug-27	23:03	0	0.0	13.28	0.0	1.0	2.0	0	
2005-Aug-27	23:04	69	0.0	13.28	0.0	2.5	3.2	0	
2005-Aug-27	23:04	69	0.0	13.12	0.0	2.6	4.4	0	
2005-Aug-27	23:05	0	0.0	13.14	0.0	0.0	5.1	0	
2005-Aug-27	23:05	0	0.0	13.17	0.0	0.0	5.1	0	
2005-Aug-27	23:06	92	0.0	13.14	0.0	1.9	5.2	0	
2005-Aug-27	23:06	92	0.0	13.11	0.0	3.0	6.6	0	
2005-Aug-27	23:07	92	0.0	13.08	0.0	3.0	8.1	0	
2005-Aug-27	23:07	0	0.0	13.04	0.0	0.0	8.5	0	
2005-Aug-27	23:08	0	0.0	11.15	0.0	0.0	8.5	0	
2005-Aug-27	23:08	0	0.0	10.38	0.0	0.0	8.5	0	
2005-Aug-27	23:09	41	0.0	10.00	0.0	0.0	8.5	0	
2005-Aug-27	23:09	60	0.0	8.31	0.0	3.3	9.8	0	
2005-Aug-27	23:10	9	0.0	8.30	0.0	0.0	10.4	0	
2005-Aug-27	23:10	64	3.0	9.44	0.3	0.3	10.5	0	
2005-Aug-27	23:11	101	3.0	9.89	1.8	2.3	11.3	0	
2005-Aug-27	23:11	179	4.5	10.58	3.7	4.3	13.0	0	
2005-Aug-27	23:12								Start Cement Slurry
2005-Aug-27	23:12	201	4.4	11.39	4.5	4.1	13.7	0	
2005-Aug-27	23:12	252	5.3	12.01	6.4	5.8	15.5	0	
2005-Aug-27	23:12	279	6.2	12.52	9.3	6.0	18.3	0	
2005-Aug-27	23:13	201	5.9	12.84	12.3	5.8	21.2	0	
2005-Aug-27	23:13	197	5.9	12.93	15.3	5.8	14.2	0	
2005-Aug-27	23:14	151	5.9	12.81	18.3	5.8	17.1	0	
2005-Aug-27	23:14	146	5.9	13.48	21.2	5.8	20.0	0	
2005-Aug-27	23:15	146	5.9	13.24	24.2	5.8	22.9	0	
2005-Aug-27	23:15	156	5.9	13.58	27.2	5.9	25.8	0	
2005-Aug-27	23:16	174	6.0	14.38	30.1	5.9	28.7	0	
2005-Aug-27	23:16	151	6.0	13.39	33.1	5.7	31.7	0	
2005-Aug-27	23:17	119	5.6	12.98	36.0	5.5	34.5	0	
2005-Aug-27	23:17	124	5.6	13.23	38.8	5.6	37.3	0	
2005-Aug-27	23:18	128	5.6	13.56	41.6	5.4	40.0	0	
2005-Aug-27	23:18	101	5.1	13.84	44.4	5.3	42.8	0	
2005-Aug-27	23:19	160	6.1	13.66	47.2	6.1	45.5	0	
2005-Aug-27	23:19	151	6.1	13.24	50.3	6.1	48.6	0	
2005-Aug-27	23:20	124	5.1	13.62	53.0	4.6	51.2	0	
2005-Aug-27	23:20	174	6.5	13.82	55.6	4.9	53.6	0	
2005-Aug-27	23:21	165	6.3	13.78	58.7	6.2	56.7	0	
2005-Aug-27	23:21	169	6.2	13.87	61.9	6.0	59.8	0	
2005-Aug-27	23:22	179	6.4	13.86	65.0	6.2	62.8	0	
2005-Aug-27	23:22	174	6.3	13.97	68.2	6.2	65.9	0	
2005-Aug-27	23:23	183	6.4	14.00	71.4	6.2	69.1	0	
2005-Aug-27	23:23	183	6.3	13.99	74.6	6.2	72.2	0	
2005-Aug-27	23:24	174	6.3	13.91	77.7	6.2	75.3	0	
2005-Aug-27	23:24	174	6.3	13.87	80.9	6.2	78.4	0	

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Well		Field			Service Date		Customer		Job Number
BLAIR H #1		VICTORY			05239-Aug-27		OXY USA, INC.		2205549422
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2005-Aug-27	23:25	174	6.3	13.85	84.0	6.3	81.5	0	
2005-Aug-27	23:25	188	6.5	13.83	87.3	6.4	84.7	0	
2005-Aug-27	23:26	169	6.2	13.83	90.5	6.1	87.9	0	
2005-Aug-27	23:26	183	6.5	13.82	93.5	6.3	90.7	0	
2005-Aug-27	23:27	174	6.2	13.85	96.7	6.1	93.9	0	
2005-Aug-27	23:27	151	5.9	14.23	99.6	5.6	96.7	0	
2005-Aug-27	23:28	105	4.9	14.40	102.2	4.6	99.2	0	
2005-Aug-27	23:28	96	3.0	14.36	104.1	4.5	101.5	0	
2005-Aug-27	23:29	-9	0.0	13.49	104.3	0.1	102.1	0	
2005-Aug-27	23:29								End Cement Slurry
2005-Aug-27	23:29	-5	0.0	13.49	104.3	0.0	102.1	0	
2005-Aug-27	23:29								Reset Total, Vol = 104.33 bbl
2005-Aug-27	23:29	-5	0.0	13.51	0.0	0.0	0.0	0	
2005-Aug-27	23:29	-9	0.0	13.51	0.0	0.0	0.0	0	
2005-Aug-27	23:30	73	0.0	12.65	0.0	2.1	0.1	0	
2005-Aug-27	23:30	46	0.0	8.55	0.0	2.8	1.4	0	
2005-Aug-27	23:31	46	0.0	8.41	0.0	2.9	2.8	0	
2005-Aug-27	23:31	201	5.8	8.41	0.0	5.7	4.9	0	
2005-Aug-27	23:32	211	5.8	8.37	0.0	5.7	7.7	0	
2005-Aug-27	23:32	197	5.8	8.23	0.0	5.7	10.6	0	
2005-Aug-27	23:33	0	0.0	8.27	0.0	0.0	12.4	0	
2005-Aug-27	23:33	0	0.0	8.28	0.0	0.0	12.4	0	
2005-Aug-27	23:34	55	0.0	8.29	0.0	5.6	13.8	0	
2005-Aug-27	23:34	55	3.3	8.29	0.1	5.6	16.6	0	
2005-Aug-27	23:35	55	4.8	8.29	2.5	6.1	19.6	0	
2005-Aug-27	23:35	55	4.8	8.29	4.9	5.9	22.5	0	
2005-Aug-27	23:36	55	4.8	8.29	7.4	6.0	25.5	0	
2005-Aug-27	23:36	55	4.8	8.29	9.8	5.9	28.5	0	
2005-Aug-27	23:37	55	5.5	8.28	12.5	6.1	31.6	0	
2005-Aug-27	23:37								Drop Top Plug
2005-Aug-27	23:37	55	5.7	8.28	13.1	6.4	32.2	0	
2005-Aug-27	23:37	55	5.5	8.29	13.2	6.2	32.3	0	
2005-Aug-27	23:37								Start Displacement
2005-Aug-27	23:37	55	5.5	8.28	15.3	6.0	34.7	0	
2005-Aug-27	23:38	55	5.6	8.28	18.1	6.1	37.7	0	
2005-Aug-27	23:38	55	5.5	8.29	20.9	6.0	40.7	0	
2005-Aug-27	23:39	55	5.6	8.29	29.4	6.1	29.5	0	
2005-Aug-27	23:39	55	5.6	8.29	32.2	6.1	32.6	0	
2005-Aug-27	23:40	60	5.6	8.28	35.0	5.9	35.6	0	
2005-Aug-27	23:40	55	5.6	8.28	37.8	6.1	38.6	0	
2005-Aug-27	23:41	55	5.6	8.28	40.6	6.1	41.7	0	
2005-Aug-27	23:41	55	5.6	8.28	43.4	6.2	44.8	0	
2005-Aug-27	23:42	55	5.6	8.28	46.2	6.2	47.8	0	
2005-Aug-27	23:42	229	5.6	8.28	49.0	5.8	50.9	0	
2005-Aug-27	23:43	169	5.6	8.28	51.8	5.7	53.8	0	
2005-Aug-27	23:43	229	5.6	8.28	54.6	5.8	56.7	0	
2005-Aug-27	23:44	284	5.7	8.28	57.5	5.8	59.6	0	
2005-Aug-27	23:44	348	5.6	8.28	60.3	5.8	62.4	0	
2005-Aug-27	23:45	435	5.7	8.28	63.1	5.8	65.3	0	
2005-Aug-27	23:45	481	5.7	8.29	66.0	5.8	68.2	0	
2005-Aug-27	23:46	558	5.7	8.28	68.8	5.7	71.1	0	
2005-Aug-27	23:46	613	5.7	8.28	71.7	5.8	74.0	0	
2005-Aug-27	23:47	687	5.7	8.28	74.5	5.8	76.9	0	
2005-Aug-27	23:47	742	5.7	8.28	77.4	5.8	79.8	0	

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Well		Field			Service Date		Customer		Job Number	
BLAIR H #1		VICTORY			05239-Aug-27		OXY USA, INC.		2205549422	
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message	
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	bbbl/min	bbbl	0		
2005-Aug-27	23:48	655	2.9	8.28	80.1	3.8	82.6	0		
2005-Aug-27	23:48	710	2.6	8.28	81.4	2.7	84.1	0		
2005-Aug-27	23:49	723	2.6	8.28	82.7	2.7	85.4	0		
2005-Aug-27	23:49	746	2.6	8.28	84.0	2.7	86.8	0		
2005-Aug-27	23:50	797	2.6	8.28	85.2	2.7	88.1	0		
2005-Aug-27	23:50	1373	0.0	8.28	86.4	1.1	89.4	0		
2005-Aug-27	23:51	1346	0.0	8.28	86.4	0.1	89.5	0		
2005-Aug-27	23:51								Bump Top Plug	
2005-Aug-27	23:51	1373	0.0	8.28	86.4	0.1	89.5	0		
2005-Aug-27	23:51								End Displacement	
2005-Aug-27	23:51	1341	0.0	8.28	86.4	0.1	89.5	0		
2005-Aug-27	23:51	1378	0.0	8.28	86.4	0.1	89.6	0		
2005-Aug-27	23:52	-9	0.0	8.28	86.4	0.1	89.6	0		
2005-Aug-27	23:52	0	0.0	8.28	86.4	0.1	89.7	0		
2005-Aug-27	23:52								Reset Total, Vol = 86.43 bbl	
2005-Aug-27	23:52	0	0.0	8.28	0.0	0.1	0.0	0		
2005-Aug-27	23:53								End Job	
2005-Aug-27	23:53	0	0.0	8.28	0.0	0.1	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			
5			6	97		20				
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density				
			1300		bbbl	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						
%	97 bbl	88.2 bbl	°F							
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed				
Willimon, Wes			Ahrends, Timothy							

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Date	08/27/05
Company	OXY
Job Number	2205549422
Well Name	Blair
Well Number	H 1
County	Haskell
State	KS

Schlumberger

Pipe Size	4 1/2	
Pipe Weight	10.5	11.6
Pipe Depth	5578	
Shoe Length	43	
Insert Depth	5535	
Hole Size	7 7/8	
Hole Depth	5579	

1st System	
350 sacks	H
1.55 yield	
13.8 weight	
7.1 water	59.2
cubic ft.	543
height	2381
bbls	96.6

315	Pipe Volume	89
	Annular Volume	226
	Total Cement	97
	Total Water	147

Pipe Factor	0.01594	0.01554
Annular Factor	0.0406	
Height Factor	4.3898	

2nd System	
sacks	
yield	
weight	
water	0
cubic ft.	0
height	0
bbls	0

Casing lift 3683
Cement lift 958

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

Test 3000

0 Mud
20 Chemical Wash
97 Lead 13.8
0 Tail 0

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

88.2 Displacement

2000 Maximum Pressure

Pump Time @ 5 BPM 37 MIN



CONFIDENTIAL
Cementing Service Report

Customer OXY USA, INC.	Job Number 2205548461
---------------------------	--------------------------

Well BLAIR H 1		Location (legal) Sec 29-T30S-R33W		Schlumberger Location Perryton, TX		Job Start 2005-Sep-12				
Field VICTORY		Formation Name/Type		Deviation		Bit Size 7.88 in	Well MD 3,022 ft	Well TVD 3,022 ft		
County HASKELL		State/Province KANSAS		BHP psi	BHST 110 °F	BHCT °F	Pore Press. Gradient psi/ft			
Well Master: 0630723272		API / UWI: 15081216100000		Casing/Liner						
Rig Name Workover	Drilled For Gas	Service Via Land		Depth, ft 5570	Size, in 4.5	Weight, lb/ft 10.5	Grade	Thread		
Offshore Zone	Well Class New	Well Type Development		Tubing/Drill Pipe						
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cp	Depth, ft 3000	Size, in 2.375	Weight, lb/ft 4.7	Grade	Thread 8RD		
Service Line Cementing	Job Type Cem Prod Casing			Perforations/Open Hole						
Max. Allowed Tubing Pressure 2500 psi	Max. Allowed Ann. Pressure psi	Wellhead Connection 2 3/8" 4.7# T/S		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft		
Service Instructions CEMENTPort Collar with 10 BBL'S CW100 200 SKS 50/50 Poz:H+2%D20+3%M117+ 5 PPS D42+5 PPS D53+0.25 %D112+ 0.25 %D65 + 0.25%D46 DISPLACE W/FRESH WATER				Treat Down Casing	Displacement 11 bbl	Packer Type	Packer Depth ft			
				Tubing Vol. 11.7 bbl	Casing Vol. bbl	Annular Vol. bbl	Open Hole Vol. bbl			
Casing/Tubing Secured <input checked="" type="checkbox"/>				1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>	Casing Tools		Squeeze Job			
Lift Pressure: 900 psi				Shoe Type:		Squeeze Type				
Pipe Rotated <input type="checkbox"/>				Pipe Reciprocated <input type="checkbox"/>		Shoe Depth: ft		Tool Type:		
No. Centralizers: Top Plugs: Bottom Plugs:				Stage Tool Type:		Tool Depth: ft				
Cement Head Type:				Stage Tool Depth: ft		Tail Pipe Size: in				
Job Scheduled For: 9/12/2005		Arrived on Location: 2005-Sep-12 10:00		Leave Location: 2005-Sep-12		Collar Type:		Tail Pipe Depth: ft		
				Collar Depth: ft		Sqz Total Vol: bbl				

Date	Time	Treating Pressure 24 hr clock psi	Density lb/gal	Rate bbl/min	Volume bbl	0	0	0	Message
2005-Sep-12	11:21	0	8.17	0.0	0.0	0	0	0	
2005-Sep-12	11:21	0	8.17	0.0	0.0	0	0	0	
2005-Sep-12	11:21	0	8.17	0.0	0.0	0	0	0	
2005-Sep-12	11:22	0	8.17	0.0	0.0	0	0	0	
2005-Sep-12	11:22	0	8.17	0.0	0.0	0	0	0	
2005-Sep-12	11:22	0	8.17	0.0	0.0	0	0	0	
2005-Sep-12	11:23	-5	7.77	0.0	0.0	0	0	0	Pressure Test Lines
2005-Sep-12	11:23	-5	8.25	0.0	0.0	0	0	0	
2005-Sep-12	11:23	-5	8.25	0.0	0.0	0	0	0	
2005-Sep-12	11:24	5	8.25	0.2	0.0	0	0	0	
2005-Sep-12	11:24	23	8.25	0.3	0.1	0	0	0	
2005-Sep-12	11:24	3790	8.25	0.0	0.2	0	0	0	
2005-Sep-12	11:25	3452	8.25	0.0	0.2	0	0	0	
2005-Sep-12	11:25	3328	8.25	0.0	0.2	0	0	0	
2005-Sep-12	11:25	3241	8.25	0.0	0.2	0	0	0	
2005-Sep-12	11:26	96	8.25	0.0	0.2	0	0	0	
2005-Sep-12	11:26	5	8.25	0.0	0.2	0	0	0	
2005-Sep-12	11:26	9	8.25	0.0	0.2	0	0	0	
2005-Sep-12	11:27	9	8.25	0.0	0.2	0	0	0	
2005-Sep-12	11:27								Test Pot Collar
2005-Sep-12	11:27	9	8.25	0.0	0.2	0	0	0	
2005-Sep-12	11:27	96	8.25	1.6	0.5	0	0	0	

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Well		Field			Service Date		Customer		Job Number
BLAIR H #1		VICTORY			05255-Sep-12		OXY USA, INC.		2205548461
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbf/min	bbf	0	0	0	
2005-Sep-12	11:27	-5	8.25	0.0	0.7	0	0	0	
2005-Sep-12	11:28	14	8.25	0.0	0.7	0	0	0	
2005-Sep-12	11:28	9	8.25	0.0	0.7	0	0	0	
2005-Sep-12	11:28	14	8.25	0.0	0.7	0	0	0	
2005-Sep-12	11:29	9	8.25	0.0	0.7	0	0	0	
2005-Sep-12	11:29	14	8.25	0.0	0.7	0	0	0	
2005-Sep-12	11:29	73	8.25	0.2	0.9	0	0	0	
2005-Sep-12	11:30	60	8.25	0.0	0.9	0	0	0	
2005-Sep-12	11:30	55	8.25	0.0	0.9	0	0	0	
2005-Sep-12	11:30	50	8.25	0.0	0.9	0	0	0	
2005-Sep-12	11:31	46	8.25	0.0	0.9	0	0	0	
2005-Sep-12	11:31	64	8.25	0.3	0.9	0	0	0	
2005-Sep-12	11:31	499	8.25	0.6	1.1	0	0	0	
2005-Sep-12	11:32	1030	8.25	0.5	1.3	0	0	0	
2005-Sep-12	11:32	1538	8.25	0.4	1.5	0	0	0	
2005-Sep-12	11:32	1717	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:33	1909	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:33	1900	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:33	1886	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:34	1881	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:34	1877	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:34	1698	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:35	1199	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:35	677	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:35	439	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:36	449	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:36	453	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:36	412	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:37	371	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:37	298	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:37	229	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:38	41	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:38	18	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:38	46	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:39	46	8.25	0.0	1.6	0	0	0	
2005-Sep-12	11:39	211	8.25	1.7	2.1	0	0	0	
2005-Sep-12	11:39								Start Pumping Water
2005-Sep-12	11:39	211	8.25	1.7	0.2	0	0	0	
2005-Sep-12	11:39	339	8.25	1.6	0.4	0	0	0	
2005-Sep-12	11:40	755	8.24	3.8	1.4	0	0	0	
2005-Sep-12	11:40	774	8.25	3.9	2.7	0	0	0	
2005-Sep-12	11:40	764	8.25	3.9	4.0	0	0	0	
2005-Sep-12	11:41	778	8.25	3.9	5.3	0	0	0	
2005-Sep-12	11:41	806	8.25	3.9	6.6	0	0	0	
2005-Sep-12	11:41	829	8.25	3.9	7.9	0	0	0	
2005-Sep-12	11:42	833	8.25	3.9	9.2	0	0	0	
2005-Sep-12	11:42								Reset Total, Vol = 10.29 bbl
2005-Sep-12	11:42	824	8.25	3.9	10.3	0	0	0	
2005-Sep-12	11:42	829	8.26	3.9	0.3	0	0	0	
2005-Sep-12	11:42								Start Pumping Wash
2005-Sep-12	11:42	819	8.26	3.9	0.2	0	0	0	
2005-Sep-12	11:42	833	8.27	3.9	1.3	0	0	0	
2005-Sep-12	11:43	824	8.27	3.9	2.6	0	0	0	
2005-Sep-12	11:43	819	8.26	3.9	3.9	0	0	0	

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Well		Field			Service Date		Customer		Job Number
BLAIR H #1		VICTORY			05255-Sep-12		OXY USA, INC.		2205548481
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2005-Sep-12	11:43	819	8.25	3.9	5.2	0	0	0	
2005-Sep-12	11:44	806	8.25	3.9	6.5	0	0	0	
2005-Sep-12	11:44	787	8.25	3.9	7.8	0	0	0	
2005-Sep-12	11:44	801	8.25	3.9	9.1	0	0	0	
2005-Sep-12	11:45	810	8.25	3.9	10.4	0	0	0	
2005-Sep-12	11:45	806	8.21	3.9	11.7	0	0	0	
2005-Sep-12	11:45								Reset Total, Vol = 13.03 bbl
2005-Sep-12	11:45	792	8.16	3.9	13.0	0	0	0	
2005-Sep-12	11:45	792	8.15	3.9	0.1	0	0	0	
2005-Sep-12	11:45								Start Cement Slurry
2005-Sep-12	11:46	691	10.21	3.9	1.3	0	0	0	
2005-Sep-12	11:46	609	12.55	3.9	2.6	0	0	0	
2005-Sep-12	11:46	664	13.33	3.9	3.9	0	0	0	
2005-Sep-12	11:47	650	13.38	3.9	5.2	0	0	0	
2005-Sep-12	11:47	677	13.98	3.9	6.5	0	0	0	
2005-Sep-12	11:47	636	13.92	3.9	7.8	0	0	0	
2005-Sep-12	11:48	655	14.17	3.9	9.1	0	0	0	
2005-Sep-12	11:48	613	13.99	3.9	10.4	0	0	0	
2005-Sep-12	11:48	591	14.28	3.9	11.7	0	0	0	
2005-Sep-12	11:49	540	13.14	3.9	13.0	0	0	0	
2005-Sep-12	11:49	517	13.24	3.9	14.3	0	0	0	
2005-Sep-12	11:49	664	13.76	3.9	15.6	0	0	0	
2005-Sep-12	11:50	723	14.04	3.9	16.9	0	0	0	
2005-Sep-12	11:50	696	14.05	3.9	18.2	0	0	0	
2005-Sep-12	11:50	723	14.03	3.9	19.5	0	0	0	
2005-Sep-12	11:51	696	13.71	3.9	20.9	0	0	0	
2005-Sep-12	11:51	728	13.96	3.9	22.2	0	0	0	
2005-Sep-12	11:51	769	14.12	3.9	23.5	0	0	0	
2005-Sep-12	11:52	797	13.49	3.9	24.8	0	0	0	
2005-Sep-12	11:52	778	13.14	3.9	26.1	0	0	0	
2005-Sep-12	11:52	751	14.03	3.9	27.4	0	0	0	
2005-Sep-12	11:53	783	13.51	3.9	28.7	0	0	0	
2005-Sep-12	11:53	797	14.31	3.9	30.0	0	0	0	
2005-Sep-12	11:53	879	14.21	3.9	31.3	0	0	0	
2005-Sep-12	11:54	851	13.96	3.9	32.6	0	0	0	
2005-Sep-12	11:54	829	13.91	3.9	33.9	0	0	0	
2005-Sep-12	11:54	810	14.36	3.9	35.2	0	0	0	
2005-Sep-12	11:55	879	14.10	3.9	36.5	0	0	0	
2005-Sep-12	11:55	856	13.95	3.9	37.8	0	0	0	
2005-Sep-12	11:55	902	13.83	3.9	39.1	0	0	0	
2005-Sep-12	11:56	893	13.92	3.9	40.4	0	0	0	
2005-Sep-12	11:56	874	13.98	3.9	41.7	0	0	0	
2005-Sep-12	11:56	797	13.68	3.9	43.0	0	0	0	
2005-Sep-12	11:57	897	13.96	3.9	44.3	0	0	0	
2005-Sep-12	11:57	883	13.88	3.9	45.6	0	0	0	
2005-Sep-12	11:57	870	13.92	3.9	46.8	0	0	0	
2005-Sep-12	11:58	920	13.96	3.9	48.1	0	0	0	
2005-Sep-12	11:58	888	13.57	3.9	49.4	0	0	0	
2005-Sep-12	11:58	911	13.66	3.9	50.7	0	0	0	
2005-Sep-12	11:59	861	14.01	3.9	52.0	0	0	0	
2005-Sep-12	11:59	948	13.60	3.9	53.3	0	0	0	
2005-Sep-12	11:59	938	13.78	3.9	54.6	0	0	0	
2005-Sep-12	12:00	911	13.90	3.9	55.9	0	0	0	
2005-Sep-12	12:00	929	13.94	3.9	57.2	0	0	0	

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Well			Field			Service Date		Customer		Job Number
BLAIR H #1			VICTORY			05255-Sep-12		OXY USA, INC.		2205548461
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2005-Sep-12	12:00	888	14.27	3.9	58.5	0	0	0		
2005-Sep-12	12:01	902	13.83	3.9	59.8	0	0	0		
2005-Sep-12	12:01	957	13.69	3.9	61.1	0	0	0		
2005-Sep-12	12:01	1053	13.66	3.8	62.4	0	0	0		
2005-Sep-12	12:02	1089	10.49	3.9	63.7	0	0	0		
2005-Sep-12	12:02								Reset Total, Vol = 54 bbl	
2005-Sep-12	12:02	1080	10.27	3.9	63.8	0	0	0		
2005-Sep-12	12:02	1080	10.19	3.9	0.1	0	0	0		
2005-Sep-12	12:02								Start Displacement	
2005-Sep-12	12:02	1057	9.72	3.9	1.1	0	0	0		
2005-Sep-12	12:02	1103	9.71	3.9	2.4	0	0	0		
2005-Sep-12	12:03	1140	9.72	3.9	3.7	0	0	0		
2005-Sep-12	12:03	1163	9.73	3.9	5.0	0	0	0		
2005-Sep-12	12:03	1158	9.73	3.9	6.4	0	0	0		
2005-Sep-12	12:04	1163	9.74	3.9	7.7	0	0	0		
2005-Sep-12	12:04	865	9.73	3.2	8.9	0	0	0		
2005-Sep-12	12:04	288	9.73	0.0	9.2	0	0	0		
2005-Sep-12	12:05	261	9.73	0.0	9.2	0	0	0		
2005-Sep-12	12:05								Reset Total, Vol = 11 bbl	
2005-Sep-12	12:05	252	9.73	0.0	9.2	0	0	0		
2005-Sep-12	12:05								Test Tool	
2005-Sep-12	12:05	243	9.73	0.0	0.0	0	0	0		
2005-Sep-12	12:05	229	9.76	0.0	0.0	0	0	0		
2005-Sep-12	12:05	229	9.76	0.0	0.0	0	0	0		
2005-Sep-12	12:06	270	9.74	0.6	0.0	0	0	0		
2005-Sep-12	12:06	870	9.75	0.5	0.2	0	0	0		
2005-Sep-12	12:06	1378	9.75	0.4	0.4	0	0	0		
2005-Sep-12	12:07	1767	9.73	0.4	0.5	0	0	0		
2005-Sep-12	12:07	1913	9.72	0.0	0.6	0	0	0		
2005-Sep-12	12:07	1909	9.71	0.0	0.6	0	0	0		
2005-Sep-12	12:08	1904	9.70	0.0	0.6	0	0	0		
2005-Sep-12	12:08	1904	9.70	0.0	0.6	0	0	0		
2005-Sep-12	12:08	1900	9.69	0.0	0.6	0	0	0		
2005-Sep-12	12:09	1900	9.68	0.0	0.6	0	0	0		
2005-Sep-12	12:09	1900	9.68	0.0	0.6	0	0	0		
2005-Sep-12	12:09	421	9.66	0.0	0.6	0	0	0		
2005-Sep-12	12:10	-9	9.66	0.0	0.6	0	0	0		
2005-Sep-12	12:10	-9	9.65	0.0	0.6	0	0	0		
2005-Sep-12	12:10	-9	9.66	0.0	0.6	0	0	0		
2005-Sep-12	12:11	-9	9.65	0.0	0.6	0	0	0		
2005-Sep-12	12:11	-9	9.64	0.0	0.6	0	0	0		
2005-Sep-12	12:11	-9	9.64	0.0	0.6	0	0	0		
2005-Sep-12	12:12	-9	9.63	0.0	0.6	0	0	0		
2005-Sep-12	12:12	-9	9.63	0.0	0.6	0	0	0		
2005-Sep-12	12:12	-9	9.63	0.0	0.6	0	0	0		
2005-Sep-12	12:13	-9	9.62	0.0	0.6	0	0	0		
2005-Sep-12	12:13	-5	9.63	0.0	0.6	0	0	0		
2005-Sep-12	12:13	-9	9.62	0.0	0.6	0	0	0		
2005-Sep-12	12:14	-5	9.62	0.0	0.6	0	0	0		
2005-Sep-12	12:14	165	9.65	4.9	1.0	0	0	0		
2005-Sep-12	12:14	64	9.08	4.4	2.8	0	0	0		
2005-Sep-12	12:15	110	8.73	5.1	3.8	0	0	0		
2005-Sep-12	12:15								Wash Pump and Lines	
2005-Sep-12	12:15	110	8.60	5.2	4.4	0	0	0		

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Well		Field			Service Date		Customer		Job Number
BLAIR H #1		VICTORY			05255-Sep-12		OXY USA, INC.		2205548461
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2005-Sep-12	12:15	101	8.42	5.2	6.2	0	0	0	
2005-Sep-12	12:15	92	8.32	5.2	7.9	0	0	0	
2005-Sep-12	12:16	96	8.26	5.2	9.6	0	0	0	
2005-Sep-12	12:16	101	8.23	5.2	11.3	0	0	0	
2005-Sep-12	12:16	101	8.22	5.2	13.1	0	0	0	
2005-Sep-12	12:17	50	8.21	5.2	14.9	0	0	0	
2005-Sep-12	12:17	-32	8.24	0.0	15.0	0	0	0	
2005-Sep-12	12:17	-14	8.25	0.0	15.0	0	0	0	
2005-Sep-12	12:18	0	8.27	0.0	15.0	0	0	0	
2005-Sep-12	12:18	-9	8.26	1.7	15.4	0	0	0	
2005-Sep-12	12:18	27	8.25	1.7	16.0	0	0	0	
2005-Sep-12	12:19	27	8.26	1.7	16.5	0	0	0	
2005-Sep-12	12:19	14	8.25	1.7	17.1	0	0	0	
2005-Sep-12	12:19	9	8.22	1.7	17.6	0	0	0	
2005-Sep-12	12:20	37	8.25	1.7	18.2	0	0	0	
2005-Sep-12	12:20	-23	8.25	0.0	18.4	0	0	0	
2005-Sep-12	12:20	-14	8.23	0.0	18.4	0	0	0	
2005-Sep-12	12:21	-9	8.25	0.0	18.4	0	0	0	
2005-Sep-12	12:21	-9	8.25	0.0	18.4	0	0	0	
2005-Sep-12	12:21	-9	8.25	0.0	18.4	0	0	0	
2005-Sep-12	12:22	-9	8.24	0.0	18.4	0	0	0	
2005-Sep-12	12:22	-9	8.23	0.0	18.4	0	0	0	
2005-Sep-12	12:22	-9	8.22	0.0	18.4	0	0	0	
2005-Sep-12	12:23	-9	8.22	0.0	18.4	0	0	0	
2005-Sep-12	12:23	-9	8.21	0.0	18.4	0	0	0	
2005-Sep-12	12:23	-9	8.19	0.0	18.4	0	0	0	
2005-Sep-12	12:24	-5	8.18	0.0	18.4	0	0	0	
2005-Sep-12	12:24	-5	8.18	0.0	18.4	0	0	0	
2005-Sep-12	12:24								Reset Total, Vol = 18.41 bbl
2005-Sep-12	12:24	-5	8.18	0.0	18.4	0	0	0	
2005-Sep-12	12:24								Tubing Reverse Out
2005-Sep-12	12:24	-5	8.17	0.0	0.0	0	0	0	
2005-Sep-12	12:25	-5	8.16	0.0	0.0	0	0	0	
2005-Sep-12	12:25	-5	8.21	0.0	0.0	0	0	0	
2005-Sep-12	12:25	-5	8.21	0.0	0.0	0	0	0	
2005-Sep-12	12:26	124	7.96	1.9	0.4	0	0	0	
2005-Sep-12	12:26	343	8.25	2.3	1.1	0	0	0	
2005-Sep-12	12:26	513	8.25	3.0	2.1	0	0	0	
2005-Sep-12	12:27	554	8.25	3.0	3.1	0	0	0	
2005-Sep-12	12:27	568	8.25	3.0	4.1	0	0	0	
2005-Sep-12	12:27	572	8.25	3.0	5.1	0	0	0	
2005-Sep-12	12:28	568	8.25	3.0	6.2	0	0	0	
2005-Sep-12	12:28	563	8.25	3.0	7.2	0	0	0	
2005-Sep-12	12:28	568	8.25	3.0	8.2	0	0	0	
2005-Sep-12	12:29	572	8.25	3.0	9.2	0	0	0	
2005-Sep-12	12:29	604	8.25	3.0	10.2	0	0	0	
2005-Sep-12	12:29	604	8.25	3.0	11.2	0	0	0	
2005-Sep-12	12:30	545	8.25	3.0	12.2	0	0	0	
2005-Sep-12	12:30	517	8.25	3.0	13.2	0	0	0	
2005-Sep-12	12:30	526	8.25	3.1	14.2	0	0	0	
2005-Sep-12	12:31	481	8.25	3.1	15.3	0	0	0	
2005-Sep-12	12:31	462	8.25	3.1	16.3	0	0	0	
2005-Sep-12	12:31	471	8.25	3.1	17.3	0	0	0	
2005-Sep-12	12:32	449	8.25	3.1	18.4	0	0	0	

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Well			Field			Service Date		Customer			Job Number
BLAIR H #1			VICTORY			08255-Sep-12		OXY USA, INC.			2205548461
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message		
		24 hr clock								psi	lb/gal
2005-Sep-12	12:32	467	8.25	3.1	19.4	0	0	0			
2005-Sep-12	12:32	453	8.25	3.1	20.4	0	0	0			
2005-Sep-12	12:33	458	8.25	3.1	21.4	0	0	0			
2005-Sep-12	12:33	467	8.25	3.1	22.5	0	0	0			
2005-Sep-12	12:33	458	8.25	3.1	23.5	0	0	0			
2005-Sep-12	12:34	444	8.25	3.1	24.5	0	0	0			
2005-Sep-12	12:34	-37	8.26	0.0	24.9	0	0	0			
2005-Sep-12	12:34	-23	8.26	0.0	24.9	0	0	0			
2005-Sep-12	12:35	-14	8.26	0.0	24.9	0	0	0			
2005-Sep-12	12:35	-14	8.26	0.0	24.9	0	0	0			
2005-Sep-12	12:35	-14	8.26	0.0	24.9	0	0	0			
2005-Sep-12	12:36	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:36	-14	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:36	-5	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:37	-14	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:37	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:37	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:38	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:38	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:38	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:39	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:39	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:39	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:40	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:40	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:40	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:41	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:41	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:41	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:42	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:42	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:43								Reset Total, Vol = 24.86 bbl		
2005-Sep-12	12:43	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:43								Test Port Collar		
2005-Sep-12	12:43	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:43	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:43	-9	8.25	0.0	24.9	0	0	0			
2005-Sep-12	12:43	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:44	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:44	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:44	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:45	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:45	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:45	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:46	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:46	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:47	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:47	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:47	-9	8.25	0.0	0.0	0	0	0			
2005-Sep-12	12:48	0	8.25	0.3	0.0	0	0	0			
2005-Sep-12	12:48	513	8.25	0.6	0.2	0	0	0			
2005-Sep-12	12:48	1067	8.25	0.5	0.4	0	0	0			

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Well		Field			Service Date		Customer			Job Number
BLAIR H #1		VICTORY			05255-Sep-12		OXY USA, INC.			2205548461
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbf/min	bbf	0	0	0		
2005-Sep-12	12:49	1538	8.25	0.4	0.6	0	0	0		
2005-Sep-12	12:49	1909	8.25	0.3	0.7	0	0	0		
2005-Sep-12	12:49	1991	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:50	1991	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:50	1991	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:50	1991	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:51	1991	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:51	1991	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:51	1987	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:52	1987	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:52	1987	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:52	1987	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:53	1987	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:53	1987	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:53	1982	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:54	1483	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:54	-14	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:54	-9	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:55	-9	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:55	-9	8.25	0.0	0.7	0	0	0		
2005-Sep-12	12:55	-9	8.25	0.0	0.7	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
3			4	55		20	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density	
1100		900			bbf	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			
%	55 bbl	11 bbl	°F				
Customer or Authorized Representative			Schlumberger Supervisor		<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed		
Fillpot, Greg			Ousley, John				

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Customer: Oxy Job #: 2205548461
 Well name: Blair H Job Type: Port Collar
 Well #: 1 Bit Size: 7 7/8
 County: Haskell Well Depth: 3022
 State: Kansas Stage: 1

System 1	
sks	
:yield	0 bbl cmt
:H2O	0 bbl H2O
wt.	0 cu. ft.
0 ann Psi	0 ann. ft

System 2	
200 sks	50/50 Poz H+2%D20+5 pps D53+5 pps D42+3%M117+0.25%D112
1.55 :yield	55 bbl cmt +0.25%D65+0.25%D46
7.1 :H2O	34 bbl H2O
13.8 wt.	310 cu. ft.
723 ann. Psi	1008 ann. ft

Mud / Nitrogen	
bbl of	8.9 lb/gal mud
scf/bbl	cooldown nitrogen
0 scf downhole	0 height ann.
0 scf total used	0 psi ann.hyd.

Mud Removal/Spacer	
10 bbl of	CW100 8.33 lb/gal
183 ft ann. Height	79 psi ann. hyd.

Pipe Data			
2.375 O.D.	DV Tool		feet
1.995 I.D.			
Csg Wt.	Feet	cap.	volume
4.7	3022	0.00387	11.70 bbl
10.5	0	0.0159	0.00 bbl
10.5	0	0.0159	0.00 bbl

TD	3022 feet	0.00 ft off bottom
TP	3022 feet	11.70 bbl
SJ	250 feet	0.97 bbl
Float @	2772 feet	10.73 bbl

Annular Data	
7.875 OH	cap. 0.0602 bbl/ft
0.0548 bbl/ft	0.3075 cuft/ft
18.2599 ft/bbl	3.2522 ft/cuft

Csg Wt. Air 14203.4 lb.
 CrossSect. Area 1.3042 sq. in.
 Bouyancy 2152 lb.
 Csg Wt. Fluid 12051 lb.
 Csg Inside Area 3.1259 sq. in.
 Csg Lift Pressure 3855 psi
 Ann Hydrostatic 1650 psi
 Differential 449 psi

D909 Class H Plug down @ hrs
 D132 Poz Lift Pressure psi
 D020 Bentonite Bumped to psi
 D053 Gypsum
 D042 Kolite Thickening Time: hrs
 D112 Fluid Loss
 D065 TIC Dispersant
 D046 Antifoam
 M117 KCl Salt

Totals		
Nitrified Mud	0 bbl with	0 scf/bbl
CW100	10 bbl @	8.33 lb/gal
System 1	0 bbl @	0 lb/gal
System 2	55 bbl @	13.8 lb/gal
Displacement	10.7 bbl with	0 % flush
OpenHole Volume	182 bbl	
Annular Volume	165 bbl	
Total Cement	54 bbl	
Total Water	65 bbl needed	
Differential	449 psi	
Casing Lift	3855 psi	
Top of Scav/Lead	2031 ft	
Top of Tail	2031 ft	
Total Excess	N/A %	

Rig Water		
Chlorides	0	PH 6
Sulfates	0	Tanin/Lignin n/a
Iron	0	usable? yes

Displacement Chemicals		
	0 % Treated Displacement	
D047	0 gal/1000	0 gal total
L064	0 gal/1000	0 gal total
L055	0 gal/1000	0 gal total
L401	0 gal	0 gal total

Chemical Wash	
J237A	3 gal needed
D122A	5 gal needed

Time			
Stage	Vol	Rate	Minutes
N2/Mud	0	2	0
Spacer	10	5	2
Lead	0	5	0
Tail	55	5	11
Drop Plug	0	0	10
Displace	0.7	5	0
Slowdown	10	2	5
Total Pump Time			38

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