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NOV 10 2003

KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1

September 1999

Form Must Be Typed

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

API No. 15 - 067-21545-0000
 County: Grant
SW - SE - SE - NE Sec 24 Twp. 27 S. R. 35W
2431 feet from S (circle one) Line of Section
532 feet from (circle one) W Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Baughman AB Well #: 2
 Field Name: Ladner
 Producing Formation: Morrow
 Elevation: Ground: 3044 Kelly Bushing: 3055
 Total Depth: 5600 Plug Back Total Depth: 5474
 Amount of Surface Pipe Set and Cemented at 1215 feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 3150
 If 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. _____
07/08/03 07/18/03 08/26/03
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

Drilling Fluid Management Plan *11-1-03-23-05*
 (Data must be collected from the Reserve Pit)
 Chloride content 1150 ppm Fluid volume 1550 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.: _____

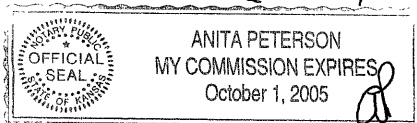
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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 November 7, 2003
 Subscribed and sworn to before me this 7th day of Nov
20 03
 Notary Public: Anita Peterson
 Date Commission Expires: Oct. 1, 2005

KCC Office Use Only

Letter of Confidentiality Attached
 If Denied, Yes Date: 11-12-03 *DPW*
 Wireline Log Received
 Geologist Report Received
 UIC Distribution



JAN 20 2000

Side Two

Operator Name: OXY USA Inc. Lease Name: Baughman AB Well #: 2

Sec. 24 Twp. 27 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 Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run: Sonic Microlog
 Induction Neutron Geological Report

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Heebner	3974	-919
Lansing	4022	-967
Marmaton	4645	-1590
Cherokee	4796	-1741
Atoka	5042	-1987
Morrow	5101	-2046
Chester	5350	-2295

(See Side Three)

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in. O.D.)	Weight Lbs./ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conductor	17 1/2	13 3/8	54.5	1215	C	940	35/65 Poz + Additives (See Cmt Tkt for Add.)
Surface	12 1/4	8 5/8	24	1920	C	565	35/65 Poz + Additives (See Cmt Tkt for Add.)
Production	7 7/8	5 1/2	15.5	5562	H	190	50/50 Lite Poz (See Cmt Tkt for Add.)

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	2500-3150	H	200	Port Collar - 50/50 Lite Poz (See Cmt Tkt for additives)
<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)	
		Amount	Depth
4	5210-5226	Acidize - 48 bbls 17% HCL, FE-MCA	
3	5190-5200, 5184-5186, 5166-5168, 5150-5151	Acidize - 3000 gls 17% MCA-FE	
		Frac - 60Mgls x-linked Gel, 137 Mlbs 16/30 Sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	5251		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
08/27/03	<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
	9.5		9.5		

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) _____

Side Three

Operator Name: OXY USA Inc. Lease Name: Baughman AB Well #: 2
Sec. 24 Twp. 27 S. R. 35W East West County: Grant

<u>Name</u>	<u>Top</u>	<u>Datum</u>
St. Genevieve	5452	-2397
St. Louis	5526	-2471

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KCC WICHITA



Service Order

2003-Nov-07

Customer OXY USA, INC.		Person Taking Call Lingo, Monty		Dowell Location Perryton, TX		Order Date 2003-Apr-07		Job Number 2205543467			
Well Name and Number BAUGHMAN A-2			Legal Location		Field		County GRANT		State/Province KANSAS		
Well Master 0630514120			API / UWI:								
Rlg Name		Well Age New		Sales Engineer Cotren, Randy			Job Type BlkSqz Rpr Prod. Casing				
Time Well Ready: 7/30/2003 9:00 AM		Deviation 0		Bit Size 0 in		Well MD 3,000 ft		Well TVD 3,000 ft		BHP 3000 psi	
Treat Down Tubing		Packer Type None		Packer Depth 0 ft		Wellhead Connection 2 3/8 TUBING		WHP on Location		Max Allowed Pressure 3000	
Casing					Services Instructions: CEMENT PORT COLLAR WITH THRU 2 3/8 TUBING WITH; 200 SACKS 50:50 POZ H + ADDS						
Depth, ft 3000		Size, in 5.5		Weight, lb/ft 15.5							
Tubing					Extra Equipment: 1 ABT 1 PUMP 1 CEMCAT RECEIVED NOV 10 2003 KCC WICHITA						
Depth 2999		Size, in 2.375		Weight, lb/ft 4.7							
Perforated Intervals											
Top, ft		Bottom, ft		spf		No. of Shots		Total Interval ft		Diameter in	
Expected On Location: 7/30/2003 9:00 AM Ready To Pump: 7/30/2003 10:00 AM											

Contact	Voice	Mobile	FAX	Notes
GREG FILLPOT	1-620-353-8869	1-320-329-4247		

Notes:
PUMP JOB VIA 2 3/8 TUBING

Directions:
NORTH OF LIBERAL === ON HWY 83 TO HITCHFEEDER ROAD === 12 MILES WEST ON HITCHFEEDER ROAD == 3/4 MILE NORTH == WEST INTO

Other Notes:
BE SAFE!!! STAY IN GREEN!!!

Comments:

Fluid Systems:

200 SACKS 50:50 POZ H+2%D20+5 PPS D42+5 PPS
 D53+0.25%D059+0.25%D65+3%KCL+0.2%D46

Density: 13.8 lb/gal Thickening Time: 3 HRS
 Yield: 1.55 ft³/sk
 H2O Mix: 7.1 gal/sk
 H2O: 1420 gal Eq. Sack Weight: 86.5 lb
 Total Blend: 200 sacks

D046	0.173	lbs/sk	34.6
M117	2.595	lt. s/sk	519
D065	0.216	lbs/sk	43.2
D059	0.216	lbs/sk	43.2
D053	5	lbs/sk	1000
D042	5	lbs/sk	1000
D020	1.73	lbs/sk	346
POZ	39.5	lbs/sk	7900
CLASS H	47	lbs/sk	9400

Time	Treating Pressure	Flow Rate	Density	Volume
mm:dd:yyyy:hh:mm:ss	psi	bb1/min lb/gal	bb1	bb1
07:30:2003:10:14:38	0	0.0	8.21	0.0
07:30:2003:10:14:44	Pressure Test Lines			
07:30:2003:10:14:44	0	0.0	8.12	0.0
07:30:2003:10:15:08	0	0.0	8.24	0.0
07:30:2003:10:15:38	55	0.1	8.35	0.0
07:30:2003:10:16:08	211	0.9	8.35	0.6
07:30:2003:10:16:38	1657	0.0	8.35	1.2
07:30:2003:10:17:08	1677	0.0	8.36	1.2
07:30:2003:10:17:38	1672	0.0	8.36	1.2
07:30:2003:10:18:08	1662	0.0	8.36	1.2
07:30:2003:10:18:38	1620	0.0	8.37	1.2
07:30:2003:10:19:09	1701	0.0	8.37	1.2
07:30:2003:10:19:39	1693	0.0	8.37	1.2
07:30:2003:10:20:09	577	0.0	8.36	1.2
07:30:2003:10:20:39	37	0.0	8.36	1.2
07:30:2003:10:21:09	256	2.1	8.36	1.5
07:30:2003:10:21:39	1826	0.0	8.35	2.2
07:30:2003:10:22:09	1780	0.0	8.35	2.2
07:30:2003:10:22:39	1609	0.0	8.35	2.2
07:30:2003:10:23:09	538	0.0	8.35	2.2
07:30:2003:10:23:38	Reset Total, Vol = 2.20			bb1
07:30:2003:10:23:38	521	0.0	8.35	2.2
07:30:2003:10:23:39	521	0.0	8.35	2.2
07:30:2003:10:24:09	77	0.0	8.35	2.2
07:30:2003:10:24:39	78	0.0	8.35	2.2
07:30:2003:10:25:09	78	0.0	8.35	2.2
07:30:2003:10:25:15	Start Pumping Spacer			
07:30:2003:10:25:15	78	0.0	8.35	2.2
07:30:2003:10:25:39	78	0.0	8.35	2.2
07:30:2003:10:26:09	78	0.0	8.35	2.2
07:30:2003:10:26:39	137	0.0	8.38	2.4
07:30:2003:10:27:09	520	2.9	8.35	3.4
07:30:2003:10:27:39	766	3.7	8.35	5.1
07:30:2003:10:28:09	769	3.7	8.35	6.9
07:30:2003:10:28:29	Reset Total, Vol = 5.98			bb1
07:30:2003:10:28:29	785	3.7	8.35	8.2
07:30:2003:10:28:30	Start Pumping wash			
07:30:2003:10:28:30	785	3.7	8.35	8.2
07:30:2003:10:28:39	795	3.7	8.35	8.8
07:30:2003:10:29:09	823	3.7	8.35	10.7
07:30:2003:10:29:39	834	3.8	8.35	12.5
07:30:2003:10:30:09	832	3.8	8.37	14.4
07:30:2003:10:30:40	809	3.8	8.90	16.4
07:30:2003:10:31:02	Reset Total, Vol = 9.49			bb1
07:30:2003:10:31:02	808	3.8	8.47	17.7
07:30:2003:10:31:03	Start Pumping spacer			
07:30:2003:10:31:03	810	3.8	8.47	17.8
07:30:2003:10:31:10	820	3.8	8.45	18.2
07:30:2003:10:31:40	796	3.8	8.72	20.1
07:30:2003:10:32:10	785	3.8	8.61	22.0
07:30:2003:10:32:36	Start Cement slurry			
07:30:2003:10:32:36	783	3.8	8.59	23.7
07:30:2003:10:32:40	780	3.8	8.88	23.9
07:30:2003:10:33:06	Reset Total, Vol = 8.19			bb1
07:30:2003:10:33:06	1061	4.9	12.12	25.9
07:30:2003:10:33:10	1059	4.9	12.37	26.3
07:30:2003:10:33:40	1059	4.7	14.17	28.6
07:30:2003:10:34:10	1085	4.6	14.61	31.0
07:30:2003:10:34:40	1104	4.6	14.34	33.3
07:30:2003:10:35:10	1100	4.6	13.88	35.5

Time	ID	Flow	Pressure	Volume
ascii.txt				
07:30:2003:10:35:40	1107	4.6	14.14	37.8
07:30:2003:10:36:10	1114	4.5	14.50	40.1
07:30:2003:10:36:40	1117	4.5	14.01	42.4
07:30:2003:10:37:10	1125	4.6	13.97	44.6
07:30:2003:10:37:40	1120	4.6	13.95	46.9
07:30:2003:10:38:10	1104	4.6	14.17	49.2
07:30:2003:10:38:40	1101	4.5	14.32	51.5
07:30:2003:10:39:10	1101	4.6	14.40	53.8
07:30:2003:10:39:40	1091	4.5	14.09	56.1
07:30:2003:10:40:10	1090	4.4	13.99	58.4
07:30:2003:10:40:40	867	4.3	14.18	60.5
07:30:2003:10:41:10	1113	4.6	14.01	62.8
07:30:2003:10:41:41	1116	4.6	13.94	65.1
07:30:2003:10:42:11	1121	4.6	13.95	67.4
07:30:2003:10:42:41	1116	4.6	14.07	69.7
07:30:2003:10:43:11	1115	4.5	14.13	72.0
07:30:2003:10:43:41	954	4.2	14.21	74.1
07:30:2003:10:44:11	981	4.2	14.22	76.3
07:30:2003:10:44:41	988	4.2	14.23	78.4
07:30:2003:10:45:11	1259	4.4	13.83	80.6
07:30:2003:10:45:41	1228	4.2	13.80	82.7
07:30:2003:10:46:11	69	0.0	13.69	84.7
07:30:2003:10:46:16	Stop Pumping			
07:30:2003:10:46:16	0	0.0	13.67	84.7
07:30:2003:10:46:19	Reset Total, Vol = 58.80 bbl			
07:30:2003:10:46:19	0	0.0	13.67	84.7
07:30:2003:10:46:41	-5	0.0	13.66	84.7
07:30:2003:10:47:06	Start Displacement			
07:30:2003:10:47:06	-5	0.0	13.53	84.7
07:30:2003:10:47:11	60	2.7	12.34	84.8
07:30:2003:10:47:41	59	4.7	8.97	86.9
07:30:2003:10:48:11	1265	1.3	8.86	89.0
07:30:2003:10:48:41	1237	1.4	8.62	91.2
07:30:2003:10:49:11	1223	4.4	8.41	93.4
07:30:2003:10:49:41	792	3.4	8.40	95.6
07:30:2003:10:50:11	279	0.0	8.41	96.2
07:30:2003:10:50:28	Reset Total, Vol = 11.50 bbl			
07:30:2003:10:50:28	236	0.0	8.41	96.2
07:30:2003:10:50:41	230	0.0	8.41	96.2
07:30:2003:10:51:11	1278	2.4	8.45	96.8
07:30:2003:10:51:41	1862	0.0	8.45	97.0
07:30:2003:10:52:11	1847	0.0	8.45	97.0
07:30:2003:10:52:41	-5	0.0	8.45	97.0
07:30:2003:10:52:49	Stop Pumping			
07:30:2003:10:52:49	-5	0.0	8.45	97.0
07:30:2003:10:52:52	Pressure Test Lines			
07:30:2003:10:52:52	-5	0.0	8.45	97.0
07:30:2003:10:53:12	-4	0.0	8.45	97.0
07:30:2003:10:53:42	0	0.0	8.44	97.0
07:30:2003:10:54:12	-5	0.0	8.43	97.0
07:30:2003:10:54:42	-5	0.0	8.41	97.0
07:30:2003:10:55:12	0	0.0	8.41	97.0
07:30:2003:10:55:42	0	0.0	8.41	97.0
07:30:2003:10:55:50	Wash Lines			
07:30:2003:10:55:50	0	0.0	8.41	97.0
07:30:2003:10:56:12	0	0.0	8.41	97.0
07:30:2003:10:56:42	0	0.0	8.41	97.0
07:30:2003:10:57:12	36	0.0	8.54	97.0
07:30:2003:10:57:42	27	0.6	9.32	97.0
07:30:2003:10:58:12	29	0.5	9.34	97.2
07:30:2003:10:58:42	27	0.5	9.50	97.5
07:30:2003:10:59:12	55	0.5	8.43	97.8
07:30:2003:10:59:42	53	0.5	8.41	98.0

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07:30:2003:11:00:12      0      0.0      8.60      98.1
07:30:2003:11:00:42     -5      0.0      8.60      98.1
07:30:2003:11:01:12      0      0.0      13.16     98.1
07:30:2003:11:01:42      0      0.0      12.30     98.1
07:30:2003:11:01:55      reverse circulate
07:30:2003:11:01:55     -5      0.0      11.98     98.1
07:30:2003:11:02:12      0      0.0      11.62     98.1
07:30:2003:11:02:42     -5      0.0      11.14     98.1
07:30:2003:11:03:12      0      0.0      10.57     98.1
07:30:2003:11:03:42     60      0.0      8.49      98.1
07:30:2003:11:04:12     350     2.9     8.36     99.2
07:30:2003:11:04:43     511     2.9     8.36     100.7
07:30:2003:11:05:13     625     2.9     8.36     102.1
07:30:2003:11:05:43     627     2.9     8.36     103.6
07:30:2003:11:06:13     626     2.9     8.37     105.0
07:30:2003:11:06:43     620     2.9     8.37     106.5
07:30:2003:11:07:13     599     2.9     8.37     108.0
07:30:2003:11:07:43     585     2.9     8.37     109.4
07:30:2003:11:08:13     549     2.9     8.37     110.9
07:30:2003:11:08:43     502     2.9     8.37     112.3
07:30:2003:11:09:13     407     2.9     8.37     113.8
07:30:2003:11:09:43     369     2.9     8.37     115.3
07:30:2003:11:10:13     371     2.9     8.37     116.7
07:30:2003:11:10:43     367     2.9     8.37     118.2
07:30:2003:11:11:13     367     2.9     8.37     119.6
07:30:2003:11:11:43     368     2.9     8.37     121.1
07:30:2003:11:12:13     367     2.9     8.37     122.6
07:30:2003:11:12:43     -5      0.0     8.37     122.8
07:30:2003:11:13:10     Reset Total, Vol = 24.78 bbl
07:30:2003:11:13:10      5      0.0     8.37     122.8
07:30:2003:11:13:13      5      0.0     8.37     0.0
07:30:2003:11:13:15     END JOB
07:30:2003:11:13:15      5      0.0     8.37     0.0

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CONFIDENTIAL

CONFIDENTIAL

FIELD ORDER

6579

INVOICE NO.		Subject to Correction	
Date 7-19-03	Lease BAUGHMAN	Well # AB42	Legal 24-275-35W
Customer ID	County GRANT	State KS	Station LIBERAL
CHARGE OXY USA		Depth 5567	Formation
Casing 5/2	Casing Depth 5562	TD	Shoe Joint 86
Customer Representative GREG FILLPOT		Job Type 5/2 L.S. new well	
		Treater Shawn FREDERICK	

CHARGE

AFE Number	PO Number	Materials Received by X <i>Greg Fillpot</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D104	205SK	50/50 P2 PREMIUM				
C311	885lb	CAL SET				
C195	89lb	FLA-322				
C140	531lb	KCL				
C321	885lb	Gilsonite				
F143	1ea	TOP RUBBER PLUG 5/2				
F151	1ea	BOTTOM RUBBER PLUG 5/2				
C302	500gal	MOD FLUSH				
RECEIVED NOV 10 2003 KCC WICHITA						
R701	1ea	CMT HEAD RENTAL				
E107	205 SK	CMT SERVICE CHARGE				
E100	60 mi	UNITS 1 MILES 1 way				
E104	531 gm	TONS 9 MILES 60				
R211	1ea	EA. 2hrs PUMP CHARGE				
DISCOUNTED TOTAL PLUS TAX						5,213.29

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL

As consideration, the Customer agrees:

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated. or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.



TREATMENT REPORT

Customer ID	Date	
Customer OXY	7-19-03	
Lease BAUGHMAN	Lease No.	Well # AB#2

Field Order # 6579	Station LIBERAL	Casing 5 1/2	Depth 5562	County GRANT	State KS
Type Job 5 1/2 L.S. New well			Formation	Legal Description 24-275-35W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 50/50 POZ		RATE	PRESS	ISIP
Depth 5562	Depth	From	To	Pre Pad		Max		5 Min.
Volume 130	Volume	From	To	Pad		Min		10 Min.
Max Press 1500	Max Press	From	To	Frac		Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative GREG MILLPOT	Station Manager DICK MORRIS	Treater SHAWN FREDERICK
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Service Units	108	104	78	38	72				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2100					ON LOCATION / RIG UP
2105					SPOT EQUIPMENT
2110					RIG UP P.T.
2200					THROUGH CIR / HOOK UP P.C.
2215					PRE-JOB SAFETY MEETING
2245			6	2	PLUG RAT / MOUSE HOLE
2248					HOOK UP TO CASING
2250	1500				PSI TEST
2251	300		5	5	PUMP 5 BBLs FRESH WATER
2253	300		12	5	PUMP 12 BBLs (500gal) MUD FLUSH
2255	300		5	5	PUMP 5 BBLs FRESH WATER
2256	250		14	5	PUMP 20 SALS 50/50 POZ @ 10" SCRAVENGER
2300	200				SHOT DOWN / DROP BOTTOM PLUG
2302	150		43	5	PUMP 170 SALS 50/50 POZ PREM
-					4 1/2% GEL / 3% KCL / 5" SK CALSET / 5"
-					SK GILSONITE / 5/10% FLA322 P. 13.8"
2310					SHOT DOWN / DROP PLUG / WASH LINES
2315	0		130 TOTAL	6	PUMP DISP
2330	500		(120 in)	2	SLOW RATE
2335	1000		(130 in)	2	LAND PLUG
2336					RELEASE FLOAT - HELD / JOB COMPLETE

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

CONFIDENTIAL

Cementing Service Report

Schlumberger

RECEIVED
NOV 10 2003
KCC WICHITA

Customer OXY USA, INC.	Job Number 2205543108
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Field BAUGHMAN A-2	Location (legal) Perryton, TX	Schlumberger Location Perryton, TX	Job Start 2003-Jul-11
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Formation Name/Type	Deviation	Bit Size 12.3 in	Well MD 1,924 ft	Well TVD 1,924 ft
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County GRANT	State/Province KANSAS	BHP 1000 psi	BHST 94 °F	BHCT 86 °F	Pore Press. Gradient psi/ft
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Well Master: 0630514120	API / UWI:	Casing/Liner			
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Rig Name	Drilled For Oil & Gas	Service Via Land	Depth, ft 1921	Size, in 8.63	Weight, lb/ft 24	Grade K55	Thread 8RD
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Offshore Zone	Well Class New	Well Type Exploration	Tubing/Drill Pipe				
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Drilling Fluid Type	Max. Density lb/gal	Plastic Viscosity cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread
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Service Line Cementing	Job Type Cem Surface Casing	Perforations/Open Hole					
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Max. Allowed Tubing Pressure 1000 psi	Max. Allowed Ann. Pressure psi	Wellhead Connection 8 5/8 HS&M	Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft
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Service Instructions
CEMENT 8 5/8 IN SURFACE CASING WITH:

LEAD: 415 SKS 35:65 POZ C+ 6%D20 + 2%S1 + 0.25 PPS D29+0.2%D46
TAIL: 150 SKS CLASS C+2%S1+0.25 PPS D29

Treat Down Casing	Displacement 120.1 bbl	Packer Type None	Packer Depth 0 ft
Tubing Vol. bbl	Casing Vol. 122 bbl	Annular Vol. 141 bbl	OpenHole Vol 264 bbl

Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>	Casing Tools		Squeeze Job	
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Lift Pressure: 415 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type: Guide	Squeeze Type
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No. Centralizers: Top Plugs: 1 Bottom Plugs: 0	Cement Head Type: Single	Shoe Depth: 1921 ft	Tool Type:
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Job Scheduled For:	Arrived on Location: 2003-Jul-11 4:00	Leave Location: 2003-Jul-11 9:30	Stage Tool Type:	Tool Depth: ft
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Collar Type: Auto-Fill	Collar Depth: 1886 ft	Tail Pipe Size: in	Tail Pipe Depth: ft	Sqz Total Vol: bbl
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Date	Time	Treating Pressure psi	Flow Rate bbl/min	CMT DENS lb/gal	Volume bbl	0	0	0	Message
2003-Jul-11	7:33	0	0.9	8.37	0.0	0	0	0	
2003-Jul-11	7:33	0	0.9	8.37	0.0	0	0	0	
2003-Jul-11	7:33								Start Job
2003-Jul-11	7:33	1112	0.2	8.35	0.0	0	0	0	
2003-Jul-11	7:34								Pressure Test Lines
2003-Jul-11	7:34	2646	0.0	8.35	0.0	0	0	0	
2003-Jul-11	7:34	2563	0.0	8.35	0.0	0	0	0	
2003-Jul-11	7:34								Start Pumping Spacer
2003-Jul-11	7:34	2431	0.0	8.35	0.0	0	0	0	
2003-Jul-11	7:35	50	0.0	8.35	0.0	0	0	0	
2003-Jul-11	7:35	64	2.0	8.35	0.1	0	0	0	
2003-Jul-11	7:36	110	4.7	8.35	2.0	0	0	0	
2003-Jul-11	7:36	124	5.2	8.35	4.6	0	0	0	
2003-Jul-11	7:37	137	5.5	8.35	7.3	0	0	0	
2003-Jul-11	7:37	142	5.5	8.35	10.1	0	0	0	
2003-Jul-11	7:37	151	5.5	8.99	11.7	0	0	0	
2003-Jul-11	7:37								End Spacer
2003-Jul-11	7:37	146	5.5	9.17	11.9	0	0	0	
2003-Jul-11	7:37								Reset Total, Vol = 11.93 bbl
2003-Jul-11	7:37	146	5.5	9.42	0.3	0	0	0	
2003-Jul-11	7:37								Start Mixing Lead Slurry
2003-Jul-11	7:38	146	5.6	10.04	0.9	0	0	0	

Well		Field			Service Date		Customer			Job Number
BAUGHMAN #A-2					03192-Jul-11		OXY USA, INC.			2205543108
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message	
	24 hr clock	psi	bbf/min	lb/gal	bbf	0	0	0		
2003-Jul-11	7:38	160	5.6	11.71	3.7	0	0	0		
2003-Jul-11	7:39	179	5.6	12.55	6.5	0	0	0		
2003-Jul-11	7:39	165	5.6	12.40	9.4	0	0	0		
2003-Jul-11	7:40	160	5.6	12.14	12.2	0	0	0		
2003-Jul-11	7:40	169	5.6	12.11	15.0	0	0	0		
2003-Jul-11	7:41	156	5.7	12.34	17.9	0	0	0		
2003-Jul-11	7:41	151	5.7	12.50	20.7	0	0	0		
2003-Jul-11	7:42	142	5.7	12.30	23.5	0	0	0		
2003-Jul-11	7:42	137	5.7	12.35	26.4	0	0	0		
2003-Jul-11	7:43	133	5.7	12.33	29.2	0	0	0		
2003-Jul-11	7:43	128	5.7	12.27	32.1	0	0	0		
2003-Jul-11	7:44	124	5.7	12.20	34.9	0	0	0		
2003-Jul-11	7:44	114	5.7	12.04	37.8	0	0	0		
2003-Jul-11	7:45	114	5.7	12.13	40.7	0	0	0		
2003-Jul-11	7:45	114	5.8	12.26	43.6	0	0	0		
2003-Jul-11	7:46	110	5.8	11.96	46.4	0	0	0		
2003-Jul-11	7:46	110	5.8	12.25	49.3	0	0	0		
2003-Jul-11	7:47	114	5.8	12.18	52.2	0	0	0		
2003-Jul-11	7:47	110	5.8	12.08	55.1	0	0	0		
2003-Jul-11	7:48	114	5.8	12.30	57.9	0	0	0		
2003-Jul-11	7:48	114	5.8	12.17	60.8	0	0	0		
2003-Jul-11	7:49	110	5.8	11.89	63.7	0	0	0		
2003-Jul-11	7:49	114	5.8	12.10	66.6	0	0	0		
2003-Jul-11	7:50	119	5.8	12.52	69.5	0	0	0		
2003-Jul-11	7:50	119	5.8	12.59	72.4	0	0	0		
2003-Jul-11	7:51	119	5.8	12.43	75.4	0	0	0		
2003-Jul-11	7:51	119	5.8	12.23	78.3	0	0	0		
2003-Jul-11	7:52	119	5.8	12.56	81.3	0	0	0		
2003-Jul-11	7:52	124	5.8	12.59	84.2	0	0	0		
2003-Jul-11	7:53	119	5.8	12.73	87.1	0	0	0		
2003-Jul-11	7:53	110	5.8	12.26	90.0	0	0	0		
2003-Jul-11	7:54	119	5.8	12.75	92.9	0	0	0		
2003-Jul-11	7:54	114	5.8	11.82	95.8	0	0	0		
2003-Jul-11	7:55	110	5.8	12.03	98.7	0	0	0		
2003-Jul-11	7:55	110	5.8	12.11	101.6	0	0	0		
2003-Jul-11	7:56	114	5.8	12.18	104.6	0	0	0		
2003-Jul-11	7:56	110	5.9	12.34	107.5	0	0	0		
2003-Jul-11	7:57	110	5.8	12.20	110.4	0	0	0		
2003-Jul-11	7:57	119	5.8	12.23	113.3	0	0	0		
2003-Jul-11	7:58	114	5.9	12.25	116.2	0	0	0		
2003-Jul-11	7:58	114	5.9	12.30	119.1	0	0	0		
2003-Jul-11	7:59	114	5.9	12.36	122.1	0	0	0		
2003-Jul-11	7:59	110	5.9	12.34	125.0	0	0	0		
2003-Jul-11	8:00	119	5.9	12.24	127.9	0	0	0		
2003-Jul-11	8:00	114	5.8	12.25	130.8	0	0	0		
2003-Jul-11	8:01	114	5.8	12.25	133.8	0	0	0		
2003-Jul-11	8:01	110	5.8	12.32	136.7	0	0	0		
2003-Jul-11	8:02	114	5.8	12.03	139.6	0	0	0		
2003-Jul-11	8:02	114	5.8	12.42	142.5	0	0	0		
2003-Jul-11	8:03	119	5.8	12.65	145.5	0	0	0		
2003-Jul-11	8:03	110	5.9	12.01	148.4	0	0	0		
2003-Jul-11	8:04	110	5.9	12.24	151.4	0	0	0		
2003-Jul-11	8:04	114	5.8	12.34	154.3	0	0	0		
2003-Jul-11	8:05	114	5.8	12.02	157.2	0	0	0		

Well		Field			Service Date		Customer		Job Number
BAUGHMAN #A-2					03192-Jul-11		OXY USA, INC.		2205543108
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2003-Jul-11	8:05	110	5.9	12.35	160.1	0	0	0	
2003-Jul-11	8:06	114	5.8	12.49	163.1	0	0	0	
2003-Jul-11	8:06	114	5.8	12.50	166.0	0	0	0	
2003-Jul-11	8:07	114	5.9	12.36	168.9	0	0	0	
2003-Jul-11	8:07	114	5.9	12.46	171.8	0	0	0	
2003-Jul-11	8:08	114	5.9	12.52	174.8	0	0	0	
2003-Jul-11	8:08	114	5.9	12.65	177.7	0	0	0	
2003-Jul-11	8:09	114	5.9	12.78	180.7	0	0	0	
2003-Jul-11	8:09	82	5.0	12.82	183.4	0	0	0	
2003-Jul-11	8:09								End Lead Slurry
2003-Jul-11	8:09	82	5.0	12.92	183.6	0	0	0	
2003-Jul-11	8:09	82	5.0	12.96	183.8	0	0	0	
2003-Jul-11	8:09								Reset Total, Vol = 183.76 bbl
2003-Jul-11	8:09	82	5.0	12.96	0.1	0	0	0	
2003-Jul-11	8:09								Start Mixing Tail Slurry
2003-Jul-11	8:10	92	5.0	12.95	2.2	0	0	0	
2003-Jul-11	8:10	110	5.0	13.85	4.7	0	0	0	
2003-Jul-11	8:11	119	5.0	14.50	7.1	0	0	0	
2003-Jul-11	8:11	128	5.0	14.86	9.6	0	0	0	
2003-Jul-11	8:12	128	5.0	14.87	12.1	0	0	0	
2003-Jul-11	8:12	124	5.0	14.82	14.6	0	0	0	
2003-Jul-11	8:13	124	5.0	14.75	17.1	0	0	0	
2003-Jul-11	8:13	128	5.0	14.78	19.6	0	0	0	
2003-Jul-11	8:14	128	5.0	14.81	22.1	0	0	0	
2003-Jul-11	8:14	128	5.0	14.85	24.7	0	0	0	
2003-Jul-11	8:15	128	5.0	14.88	27.2	0	0	0	
2003-Jul-11	8:15	128	5.0	14.88	29.7	0	0	0	
2003-Jul-11	8:16	119	5.0	14.92	32.2	0	0	0	
2003-Jul-11	8:16	110	5.0	14.78	34.6	0	0	0	
2003-Jul-11	8:17	114	5.0	14.68	37.1	0	0	0	
2003-Jul-11	8:17	114	5.0	14.67	39.6	0	0	0	
2003-Jul-11	8:17	27	0.0	14.60	40.0	0	0	0	
2003-Jul-11	8:17								End Tail Slurry
2003-Jul-11	8:17								Reset Total, Vol = 40.04 bbl
2003-Jul-11	8:17	-5	0.0	14.57	40.0	0	0	0	
2003-Jul-11	8:17								Reset Total, Vol = 0.00 bbl
2003-Jul-11	8:17	0	0.0	14.56	0.0	0	0	0	
2003-Jul-11	8:17								Drop Top Plug
2003-Jul-11	8:17	-5	0.0	14.56	0.0	0	0	0	
2003-Jul-11	8:17								Start Displacement
2003-Jul-11	8:17	-5	0.0	10.49	0.0	0	0	0	
2003-Jul-11	8:18	0	0.0	15.12	0.0	0	0	0	
2003-Jul-11	8:18	-5	0.0	12.15	0.0	0	0	0	
2003-Jul-11	8:19	-5	0.0	9.77	0.0	0	0	0	
2003-Jul-11	8:19	-9	0.0	8.99	0.0	0	0	0	
2003-Jul-11	8:20	-5	0.0	8.99	0.0	0	0	0	
2003-Jul-11	8:20	-5	0.0	8.98	0.0	0	0	0	
2003-Jul-11	8:21	60	5.2	8.83	2.1	0	0	0	
2003-Jul-11	8:21	60	5.2	8.83	4.7	0	0	0	
2003-Jul-11	8:22	64	5.6	8.36	7.4	0	0	0	
2003-Jul-11	8:22	60	5.6	8.36	10.2	0	0	0	
2003-Jul-11	8:23	64	5.7	8.43	13.0	0	0	0	
2003-Jul-11	8:23	60	5.6	8.37	15.8	0	0	0	
2003-Jul-11	8:24	60	5.6	8.36	18.6	0	0	0	

Well		Field			Service Date		Customer		Job Number
BAUGHMAN #A-2					09192-Jul-11		OXY USA, INC.		2205543108
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2003-Jul-11	8:24	60	5.6	8.37	21.4	0	0	0	
2003-Jul-11	8:25	60	5.5	8.37	24.2	0	0	0	
2003-Jul-11	8:25	64	5.6	8.36	27.0	0	0	0	
2003-Jul-11	8:26	69	5.6	8.36	29.9	0	0	0	
2003-Jul-11	8:26	78	5.6	8.36	32.7	0	0	0	
2003-Jul-11	8:27	82	5.5	8.36	35.5	0	0	0	
2003-Jul-11	8:27	96	5.5	8.36	38.3	0	0	0	
2003-Jul-11	8:28	105	5.4	8.35	41.0	0	0	0	
2003-Jul-11	8:28	114	5.5	8.35	43.7	0	0	0	
2003-Jul-11	8:29	124	5.4	8.35	46.5	0	0	0	
2003-Jul-11	8:29	137	5.4	8.35	49.2	0	0	0	
2003-Jul-11	8:30	142	5.4	8.35	51.9	0	0	0	
2003-Jul-11	8:30	151	5.3	8.35	54.6	0	0	0	
2003-Jul-11	8:31	124	5.4	8.35	57.2	0	0	0	
2003-Jul-11	8:31	151	5.3	8.35	59.9	0	0	0	
2003-Jul-11	8:32	156	5.3	8.35	62.6	0	0	0	
2003-Jul-11	8:32	179	5.3	8.35	65.2	0	0	0	
2003-Jul-11	8:33	183	5.3	8.35	67.9	0	0	0	
2003-Jul-11	8:33	188	5.3	8.35	70.5	0	0	0	
2003-Jul-11	8:34	211	5.3	8.35	73.2	0	0	0	
2003-Jul-11	8:34	238	5.8	8.35	75.9	0	0	0	
2003-Jul-11	8:35	247	5.5	8.35	78.7	0	0	0	
2003-Jul-11	8:35	256	5.4	8.35	81.4	0	0	0	
2003-Jul-11	8:36	275	5.3	8.35	84.1	0	0	0	
2003-Jul-11	8:36	284	5.2	8.35	86.8	0	0	0	
2003-Jul-11	8:37	293	5.1	8.35	89.3	0	0	0	
2003-Jul-11	8:37	302	5.1	8.35	92.0	0	0	0	
2003-Jul-11	8:38	325	5.1	8.35	94.5	0	0	0	
2003-Jul-11	8:38	339	5.0	8.35	97.1	0	0	0	
2003-Jul-11	8:39	366	5.0	8.35	99.6	0	0	0	
2003-Jul-11	8:39	375	5.0	8.35	102.1	0	0	0	
2003-Jul-11	8:40	385	5.0	8.35	104.6	0	0	0	
2003-Jul-11	8:40	412	4.9	8.35	107.0	0	0	0	
2003-Jul-11	8:41	362	2.3	8.35	108.7	0	0	0	
2003-Jul-11	8:41	366	2.2	8.35	109.8	0	0	0	
2003-Jul-11	8:42	380	2.2	8.35	111.0	0	0	0	
2003-Jul-11	8:42	389	2.2	8.35	112.1	0	0	0	
2003-Jul-11	8:43	398	2.2	8.35	113.2	0	0	0	
2003-Jul-11	8:43	403	2.2	8.35	114.4	0	0	0	
2003-Jul-11	8:44	407	2.2	8.35	115.5	0	0	0	
2003-Jul-11	8:44	412	2.2	8.35	116.6	0	0	0	
2003-Jul-11	8:45	426	2.2	8.35	117.7	0	0	0	
2003-Jul-11	8:45	659	2.1	8.35	118.8	0	0	0	
2003-Jul-11	8:46	925	0.0	8.35	118.9	0	0	0	
2003-Jul-11	8:46								Bump Top Plug
2003-Jul-11	8:46	925	0.0	8.35	118.9	0	0	0	
2003-Jul-11	8:46								End Displacement
2003-Jul-11	8:46	925	0.0	8.35	118.9	0	0	0	
2003-Jul-11	8:46	920	0.0	8.35	118.9	0	0	0	
2003-Jul-11	8:47	-9	0.0	8.35	118.9	0	0	0	
2003-Jul-11	8:47	-14	0.0	8.35	118.9	0	0	0	
2003-Jul-11	8:47								End Job
2003-Jul-11	8:47	-9	0.0	8.35	118.9	0	0	0	
2003-Jul-11	8:48	-9	0.0	8.35	118.9	0	0	0	

Well		Field			Service Date		Customer		Job Number	
BAUGHMAN #A-2					03192-Jul-11		OXY USA, INC.		2205543108	
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message	
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0		
2003-Jul-11	8:48	-9	0.0	8.35	118.9	0	0	0		
2003-Jul-11	8:49	-14	0.0	8.35	118.9	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	0	0	6		197	0	10			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density				
			925			bbbl	lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume 50 bbl <input type="checkbox"/> Washed Thru Perfs To ft						
%	197 bbl	120.1 bbl	°F							
Customer or Authorized Representative			Schlumberger Supervisor		Ahrends, Timothy			<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed		
Rice, David										

Date	7/9/2003
Company	OXY
Job Number	2205543108
Well Name	Baughman
Well Number	A-2
County	Grant
State	KS

Schlumberger

Pipe Size	8 5/8	
Pipe Weight	24	24
Pipe Depth	1921	
Shoe Length	40	
Insert Depth	1881	
Hole Size	12 1/4	
Hole Depth	1924	

1st System	
415 sacks	35/65 POZ/C
2.18 yield	D20,S1,D29,D46
12.2 weight	
17.7	175
cubic ft.	905
height	2192
bbls	161

Pipe Volume	122
264 Annular Volume	141
Total Cement	197
Total Water	317

Pipe Factor	0.0637	0.0637
Annular Factor	0.0735	
Height Factor	2.4231	

2nd System	
150 sacks	Class C
1.34 yield	S1,D29
14.8 weight	
6.3 water	23
cubic ft.	201
height	487
bbls	35.8

Casing lift	789
Cement lift	431

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

Test 2000 psi

Mud

10 Spacer

161 Lead 12.2

36 Tail 14.8

119.8 Displacement

2000 Maximum Pressure

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

Pump time @ 6 BPM 53 MIN

CONFIDENTIAL

Schlumberger

for MAIL

Service Order

2003-Jul-08

Customer OXY USA, INC.		Person Taking Call Lingo, Monty		Dowell Location Perryton, TX		OrderDate 2003-Jun-27	Job Number 2205543109	
Well Name and Number BAUGHMAN <i>AB</i>			Legal Location	Field		County GRANT	State/Province KANSAS	
Well Master: 0630514120			API / UWI:					
Rig Name		Well Age New	Sales Engineer Parra Bandala-Dolores, Maria			Job Type Cem Surface Casing		
Time Well Ready:	Deviation °	Bit Size 17.5 in	Well MD 1,300 ft	Well TVD 1,300 ft	BHP 1000 psi	BHST 94 °F	BHCT 86 °F	
Treat Down Casing	Packer Type None	Packer Depth 0 ft	WellHead Connection 13 3/8 HS&M	HHP on Location	Max Allowed Pressure 1000	Max Allowed AnnPressure		
Casing					Services Instructions:			
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	CEMENT 13 3/8 IN SURFACE CASING WITH:			
1300	13.38	54.5			LEAD: 705 SKS 35:65 POZ C+ 6%D20 + 2%S1 + 0.25 PPS D29+0.2%D46			
					TAIL: 235 SKS CLASS C+2%S1+0.25 PPS D29			
Tubing					Extra Equipment:			
Depth,	Size, in	Weight, lb/ft	Grade	Thread	3 ABTS			
					1 PUMP			
					1 CEMCAT			
Perforated Intervals					RECEIVED NOV 10 2003 KCC WICHITA			
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval				
				ft				
				Diameter				
				in				
Expected On Location:				Ready To Pump:				

Contact	Voice	Mobile	FAX	Notes
GREG PHILPOT	620-353-8669			

Notes:
13 3/8: TOP PLUG

Directions:
NORTH OF LIBERAL === ON HWY 83 TO HITCHFEEDER ROAD === 12 MILES WEST ON HITCHFEEDER ROAD == 3/4 MIL;E NORTH == WEST INTO

Other Notes:
BE SAFE!!

Comments:

Fluid Systems:

LEAD			
705 SKS 35:65 POZ C+ 6%D20 + 2%S1 + 0.25 PPS D29+0.2%D46			
<i>Density:</i>	12.2	lb/gal	<i>Thickening Time:</i>
<i>Yield:</i>	2.17	ft ³ /sk	
<i>H2O Mix:</i>	17.7	gal/sk	
<i>H2O:</i>	12478.5	gal	<i>Eq. Sack Weight:</i> 88.75 lb
			<i>Total Blend:</i> 705 sacks
Dowell Code	Conc/ Amount		Total Quantity
CLASS C	61.1	lbs/sk	43075.5
POZ	27.65	lbs/sk	19493.25
D020	5.325	lbs/sk	3754.125
S001	1.775	lbs/sk	1251.375
D029	0.25	lbs/sk	176.25
D046	0.188	lbs/sk	132.54

TAIL			
235 SKS CLASS C+2%S1+0.25 PPS D29			
<i>Density:</i>	14.8	lb/gal	<i>Thickening Time:</i>
<i>Yield:</i>	1.32	ft ³ /sk	
<i>H2O Mix:</i>	6.3	gal/sk	
<i>H2O:</i>	1480.5	gal	<i>Eq. Sack Weight:</i> 94 lb
			<i>Total Blend:</i> 235 sacks
Dowell Code	Conc/ Amount		Total Quantity
S001	1.88	lbs/sk	441.8
D029	0.25	lbs/sk	58.75
CLASS C	94	lbs/sk	22090



Cementing Service Report

Customer OXY USA, INC.						Job Number 2205543109						
Well BAUGHMAN A-2			Location (legal)			Schlumberger Location Perryton, TX			Job Start 2003-Jul-09			
Field		Formation Name/Type			Deviation		Bit Size 17.5 in	Well MD 1,216 ft	Well TVD 1,216 ft			
County GRANT		State/Province KANSAS			BHP 1000 psi	BHST 94 °F	BHCT 86 °F	Pore Press. Gradient psi/ft				
Well Master: 0630514120		API / UWI:			Casing/Liner							
Rig Name	Drilled For Oil & Gas		Service Via Land		Depth, ft 1216	Size, in 13.38	Weight, lb/ft 48	Grade	Thread			
Offshore Zone	Well Class New		Well Type Exploration		Tubing/Drill Pipe							
Drilling Fluid Type		Max. Density lb/gal	Plastic Vt: cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread				
Service Line Cementing	Job Type Cem Surface Casing			Perforations/Open Hole								
Max. Allowed Tubing Pressure 1000 psi	Max. Allowed Ann. Pressure psi	WellHead Connection 13 3/8 HS&M		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft				
Service Instructions CEMENT 13 3/8 IN SURFACE CASING WITH: LEAD: 420 SKS 35:65 POZ C+ 6%D20 + 2%S1 + 0.25 PPS D29+0.2%D46 TAIL: 150 SKS CLASS C+2%S1+0.25 PPS D29				Treat Down Casing	Displacement 185 bbl	Packer Type None	Packer Depth 0 ft					
				Tubing Vol. bbl	Casing Vol. 191 bbl	Annular Vol. 150 bbl	OpenHole Vol 341 bbl					
				<input checked="" type="checkbox"/> Casing/Tubing Secured				<input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing		Casing Tools		Squeeze Job
				Lift Pressure: 300 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type: None	Shoe Depth: 1216 ft	Squeeze Type	Tool Type:		
No. Centralizers: 3	Top Plugs: 1	Bottom Plugs: 0	Stage Tool Type:	Tool Depth: ft	Stage Tool Depth: ft	Tail Pipe Size: in						
Cement Head Type: Single	Job Scheduled For:	Arrived on Location: 2003-Jul-09 18:30	Leave Location: 2003-Jul-10 0:30	Collar Type: None	Collar Depth: ft	Tail Pipe Depth: ft	Sqz Total Vol: bbl					
Date	Time <small>24 hr clock</small>	Treating Pressure psi	Flow Rate bbl/min	CMT DENS lb/gal	Volume bbl	0	0	0	Message			
2003-Jul-09	21:39	-5	0.0	8.35	0.0	0	0	0				
2003-Jul-09	21:39								Start Job			
2003-Jul-09	21:39	-5	0.0	8.35	0.0	0	0	0				
2003-Jul-09	21:40	-5	0.0	8.35	0.0	0	0	0				
2003-Jul-09	21:40	-5	0.0	8.35	0.0	0	0	0				
2003-Jul-09	21:41	2605	0.0	8.32	0.0	0	0	0				
2003-Jul-09	21:41	2325	0.0	8.32	0.0	0	0	0				
2003-Jul-09	21:41								Pressure Test Lines			
2003-Jul-09	21:41								Start Pumping Spacer			
2003-Jul-09	21:41	2303	0.0	8.32	0.0	0	0	0				
2003-Jul-09	21:42	2266	0.0	8.32	0.0	0	0	0				
2003-Jul-09	21:42	5	0.0	8.32	0.0	0	0	0				
2003-Jul-09	21:43	46	3.9	8.31	0.9	0	0	0				
2003-Jul-09	21:43	92	5.5	8.31	3.4	0	0	0				
2003-Jul-09	21:44	64	4.9	8.31	5.9	0	0	0				
2003-Jul-09	21:44	87	5.9	8.31	8.6	0	0	0				
2003-Jul-09	21:45	82	5.9	8.41	11.6	0	0	0				
2003-Jul-09	21:45								End Spacer			
2003-Jul-09	21:45	87	5.9	8.67	12.0	0	0	0				
2003-Jul-09	21:45								Reset Total, Vol = 12.15 bbl			
2003-Jul-09	21:45	87	5.9	8.81	12.2	0	0	0				
2003-Jul-09	21:45								Start Mixing Lead Slurry			

Well		Field			Service Date		Customer		Job Number
BAUGHMAN #A-2					03190-Jul-09		OXY USA, INC.		2205543109
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2003-Jul-09	21:45	92	5.9	9.03	0.3	0	0	0	
2003-Jul-09	21:45	78	6.0	10.76	2.4	0	0	0	
2003-Jul-09	21:46	101	6.0	12.08	5.4	0	0	0	
2003-Jul-09	21:46	133	6.0	12.74	8.4	0	0	0	
2003-Jul-09	21:47	128	6.0	12.59	11.4	0	0	0	
2003-Jul-09	21:47	128	6.0	11.70	14.4	0	0	0	
2003-Jul-09	21:48	128	6.0	11.95	17.4	0	0	0	
2003-Jul-09	21:48	119	6.0	12.43	20.4	0	0	0	
2003-Jul-09	21:49	146	6.4	12.64	23.6	0	0	0	
2003-Jul-09	21:49	146	6.5	11.65	26.8	0	0	0	
2003-Jul-09	21:50	137	6.5	12.07	30.1	0	0	0	
2003-Jul-09	21:50	146	6.5	12.23	33.4	0	0	0	
2003-Jul-09	21:51	151	6.5	12.77	36.8	0	0	0	
2003-Jul-09	21:51	156	6.6	12.56	40.0	0	0	0	
2003-Jul-09	21:52	142	6.6	1.07	43.3	0	0	0	
2003-Jul-09	21:52	137	6.6	11.81	46.6	0	0	0	
2003-Jul-09	21:53	133	6.6	12.07	49.9	0	0	0	
2003-Jul-09	21:53	151	6.6	11.74	53.2	0	0	0	
2003-Jul-09	21:54	160	6.6	12.33	56.5	0	0	0	
2003-Jul-09	21:54	156	6.6	12.73	59.9	0	0	0	
2003-Jul-09	21:55	156	6.6	12.61	63.2	0	0	0	
2003-Jul-09	21:55	146	6.6	12.22	66.5	0	0	0	
2003-Jul-09	21:56	142	6.6	12.14	69.8	0	0	0	
2003-Jul-09	21:56	137	6.6	12.11	73.2	0	0	0	
2003-Jul-09	21:57	133	6.6	12.35	76.5	0	0	0	
2003-Jul-09	21:57	133	6.7	12.46	79.8	0	0	0	
2003-Jul-09	21:58	133	6.7	12.21	83.2	0	0	0	
2003-Jul-09	21:58	133	6.7	12.09	86.5	0	0	0	
2003-Jul-09	21:59	133	6.7	12.37	89.9	0	0	0	
2003-Jul-09	21:59	137	6.7	12.32	93.2	0	0	0	
2003-Jul-09	22:00	133	6.7	12.32	96.6	0	0	0	
2003-Jul-09	22:00	133	6.7	11.95	100.0	0	0	0	
2003-Jul-09	22:01	133	6.7	12.09	103.3	0	0	0	
2003-Jul-09	22:01	137	6.7	12.00	106.7	0	0	0	
2003-Jul-09	22:02	133	6.7	12.05	110.1	0	0	0	
2003-Jul-09	22:02	137	6.7	12.39	113.4	0	0	0	
2003-Jul-09	22:03	142	6.7	12.42	116.9	0	0	0	
2003-Jul-09	22:03	137	6.7	12.27	120.3	0	0	0	
2003-Jul-09	22:04	137	6.7	12.09	123.7	0	0	0	
2003-Jul-09	22:04	137	6.7	12.34	127.0	0	0	0	
2003-Jul-09	22:05	137	6.7	11.82	130.4	0	0	0	
2003-Jul-09	22:05	137	6.8	11.60	133.8	0	0	0	
2003-Jul-09	22:06	137	6.8	12.09	137.2	0	0	0	
2003-Jul-09	22:06	146	6.8	12.57	140.6	0	0	0	
2003-Jul-09	22:07	156	6.8	12.67	144.0	0	0	0	
2003-Jul-09	22:07	156	6.8	12.31	147.4	0	0	0	
2003-Jul-09	22:08	151	6.8	12.24	150.8	0	0	0	
2003-Jul-09	22:08	156	6.8	12.19	154.2	0	0	0	
2003-Jul-09	22:09	151	6.8	12.21	157.6	0	0	0	
2003-Jul-09	22:09	151	6.8	12.06	161.0	0	0	0	
2003-Jul-09	22:10	142	6.8	12.00	164.4	0	0	0	
2003-Jul-09	22:10	142	6.8	12.25	167.8	0	0	0	
2003-Jul-09	22:11	142	6.8	12.17	171.2	0	0	0	
2003-Jul-09	22:11	146	6.8	12.24	174.6	0	0	0	

Well		Field				Service Date		Customer		Job Number
BAUGHMAN #A-2						03190-Jul-09		OXY USA, INC.		2205543109
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2003-Jul-09	22:12	146	6.8	12.17	178.0	0	0	0		
2003-Jul-09	22:12	146	6.8	12.24	181.4	0	0	0		
2003-Jul-09	22:13	146	6.8	12.24	184.8	0	0	0		
2003-Jul-09	22:13	146	6.8	12.21	188.2	0	0	0		
2003-Jul-09	22:14	146	6.8	12.23	191.6	0	0	0		
2003-Jul-09	22:14	146	6.8	12.10	195.0	0	0	0		
2003-Jul-09	22:15	151	6.8	12.08	198.5	0	0	0		
2003-Jul-09	22:15	151	6.8	12.20	201.9	0	0	0		
2003-Jul-09	22:16	156	6.8	12.23	205.3	0	0	0		
2003-Jul-09	22:16	151	6.8	12.21	208.7	0	0	0		
2003-Jul-09	22:17	151	6.8	12.29	212.1	0	0	0		
2003-Jul-09	22:17	151	6.8	12.31	215.5	0	0	0		
2003-Jul-09	22:18	146	6.8	12.21	218.9	0	0	0		
2003-Jul-09	22:18	146	6.8	12.11	222.4	0	0	0		
2003-Jul-09	22:19	146	6.8	12.32	225.8	0	0	0		
2003-Jul-09	22:19	156	6.8	12.31	229.2	0	0	0		
2003-Jul-09	22:20	156	6.8	12.28	232.6	0	0	0		
2003-Jul-09	22:20	156	6.8	12.29	236.0	0	0	0		
2003-Jul-09	22:21	156	6.8	12.09	239.4	0	0	0		
2003-Jul-09	22:21	146	6.9	12.11	242.8	0	0	0		
2003-Jul-09	22:22	137	6.8	12.21	246.2	0	0	0		
2003-Jul-09	22:22	137	6.8	11.91	249.6	0	0	0		
2003-Jul-09	22:23	137	6.8	12.48	253.0	0	0	0		
2003-Jul-09	22:23	142	6.8	12.38	256.4	0	0	0		
2003-Jul-09	22:24	137	6.8	12.28	259.8	0	0	0		
2003-Jul-09	22:24	142	6.8	12.55	263.2	0	0	0		
2003-Jul-09	22:25	151	6.8	12.27	266.6	0	0	0		
2003-Jul-09	22:25	156	6.8	12.68	270.0	0	0	0		
2003-Jul-09	22:26	165	6.8	12.66	273.4	0	0	0		
2003-Jul-09	22:26	165	6.8	12.31	276.8	0	0	0		
2003-Jul-09	22:27	160	6.8	12.12	280.3	0	0	0		
2003-Jul-09	22:27	160	6.8	12.11	283.7	0	0	0		
2003-Jul-09	22:28	160	6.8	12.08	287.1	0	0	0		
2003-Jul-09	22:28	156	6.8	12.33	290.5	0	0	0		
2003-Jul-09	22:29	160	6.8	12.24	293.9	0	0	0		
2003-Jul-09	22:29	156	6.8	11.89	297.3	0	0	0		
2003-Jul-09	22:30	156	6.8	12.03	300.7	0	0	0		
2003-Jul-09	22:30	160	6.8	12.09	304.1	0	0	0		
2003-Jul-09	22:31	169	6.8	12.43	307.5	0	0	0		
2003-Jul-09	22:31	174	6.8	12.77	310.9	0	0	0		
2003-Jul-09	22:32	179	6.8	12.67	314.3	0	0	0		
2003-Jul-09	22:32	169	6.8	12.63	317.7	0	0	0		
2003-Jul-09	22:33	169	6.8	12.40	321.1	0	0	0		
2003-Jul-09	22:33	165	6.8	12.32	324.5	0	0	0		
2003-Jul-09	22:34	160	6.8	12.19	327.9	0	0	0		
2003-Jul-09	22:34	165	6.8	12.19	331.3	0	0	0		
2003-Jul-09	22:35	160	6.8	12.15	334.7	0	0	0		
2003-Jul-09	22:35	165	6.8	12.43	338.1	0	0	0		
2003-Jul-09	22:36	165	6.8	12.47	341.5	0	0	0		
2003-Jul-09	22:36	169	6.8	12.59	344.9	0	0	0		
2003-Jul-09	22:37	169	6.8	12.43	348.3	0	0	0		
2003-Jul-09	22:37	160	6.8	12.04	351.7	0	0	0		
2003-Jul-09	22:38	156	6.8	12.24	355.1	0	0	0		
2003-Jul-09	22:38	156	6.8	12.43	358.5	0	0	0		

Well		Field			Service Date		Customer			Job Number
BAUGHMAN #A-2					03190-Jul-09		OXY USA, INC.			2205543109
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2003-Jul-09	22:39	151	6.8	12.94	362.0	0	0	0		
2003-Jul-09	22:39								End Lead Slurry	
2003-Jul-09	22:39	160	6.8	13.37	363.5	0	0	0		
2003-Jul-09	22:39	160	6.8	13.40	363.6	0	0	0		
2003-Jul-09	22:39								Reset Total, Vol = 363.62 bbl	
2003-Jul-09	22:39	165	6.8	13.48	0.3	0	0	0		
2003-Jul-09	22:39								Start Mixing Tail Slurry	
2003-Jul-09	22:40	174	6.7	13.91	1.8	0	0	0		
2003-Jul-09	22:40	124	5.2	13.88	5.0	0	0	0		
2003-Jul-09	22:41	133	5.2	14.33	7.6	0	0	0		
2003-Jul-09	22:41	146	5.2	14.83	10.1	0	0	0		
2003-Jul-09	22:42	160	5.2	15.10	12.7	0	0	0		
2003-Jul-09	22:42	156	5.2	15.11	15.3	0	0	0		
2003-Jul-09	22:43	156	5.2	15.10	17.9	0	0	0		
2003-Jul-09	22:43	146	5.2	14.85	20.5	0	0	0		
2003-Jul-09	22:44	142	5.2	14.73	23.1	0	0	0		
2003-Jul-09	22:44	142	5.2	14.81	25.6	0	0	0		
2003-Jul-09	22:45	146	5.2	14.95	28.2	0	0	0		
2003-Jul-09	22:45	146	5.2	14.85	30.8	0	0	0		
2003-Jul-09	22:46	137	5.2	14.80	33.4	0	0	0		
2003-Jul-09	22:46	142	5.2	14.75	35.9	0	0	0		
2003-Jul-09	22:47	137	5.1	14.75	38.5	0	0	0		
2003-Jul-09	22:47	142	5.1	14.95	41.1	0	0	0		
2003-Jul-09	22:48	146	5.1	14.98	43.6	0	0	0		
2003-Jul-09	22:48	146	5.1	15.00	46.2	0	0	0		
2003-Jul-09	22:49	146	5.1	14.99	48.8	0	0	0		
2003-Jul-09	22:49	151	5.1	15.01	51.3	0	0	0		
2003-Jul-09	22:50	151	5.1	14.95	53.9	0	0	0		
2003-Jul-09	22:50	142	5.1	14.81	56.5	0	0	0		
2003-Jul-09	22:51	137	5.1	14.67	59.0	0	0	0		
2003-Jul-09	22:51								End Tail Slurry	
2003-Jul-09	22:51	0	0.0	10.53	59.8	0	0	0		
2003-Jul-09	22:51	0	0.0	10.47	59.8	0	0	0		
2003-Jul-09	22:51								Reset Total, Vol = 59.77 bbl	
2003-Jul-09	22:51	0	0.0	10.44	0.0	0	0	0		
2003-Jul-09	22:51								Drop Top Plug	
2003-Jul-09	22:51								Start Displacement	
2003-Jul-09	22:51	0	0.0	10.43	0.0	0	0	0		
2003-Jul-09	22:51	0	0.0	10.38	0.0	0	0	0		
2003-Jul-09	22:52	0	0.0	11.80	0.0	0	0	0		
2003-Jul-09	22:52	0	0.0	8.95	0.0	0	0	0		
2003-Jul-09	22:53	0	0.0	8.73	0.0	0	0	0		
2003-Jul-09	22:53	50	3.0	8.77	0.2	0	0	0		
2003-Jul-09	22:54	64	5.2	8.66	2.4	0	0	0		
2003-Jul-09	22:54	60	5.2	8.60	5.0	0	0	0		
2003-Jul-09	22:55	60	5.6	8.36	7.7	0	0	0		
2003-Jul-09	22:55	55	5.7	8.38	10.6	0	0	0		
2003-Jul-09	22:56	60	5.7	8.38	13.4	0	0	0		
2003-Jul-09	22:56	55	5.7	8.35	16.3	0	0	0		
2003-Jul-09	22:57	55	5.7	8.35	19.1	0	0	0		
2003-Jul-09	22:57	55	5.7	8.35	22.0	0	0	0		
2003-Jul-09	22:58	55	5.7	8.35	24.8	0	0	0		
2003-Jul-09	22:58	69	6.3	8.35	27.8	0	0	0		
2003-Jul-09	22:59	69	6.4	8.35	31.0	0	0	0		

Well		Field			Service Date		Customer		Job Number
BAUGHMAN #A-2					03190-Jul-09		OXY USA, INC.		2205543109
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2003-Jul-09	22:59	69	6.3	8.35	34.2	0	0	0	
2003-Jul-09	23:00	69	6.3	8.35	37.3	0	0	0	
2003-Jul-09	23:00	69	6.4	8.35	40.5	0	0	0	
2003-Jul-09	23:01	73	6.3	8.35	43.7	0	0	0	
2003-Jul-09	23:01	73	6.4	8.35	46.9	0	0	0	
2003-Jul-09	23:02	78	6.4	8.35	50.0	0	0	0	
2003-Jul-09	23:02	82	6.4	8.38	53.2	0	0	0	
2003-Jul-09	23:03	82	6.4	8.35	56.4	0	0	0	
2003-Jul-09	23:03	82	6.4	8.35	59.7	0	0	0	
2003-Jul-09	23:04	92	6.4	8.35	62.9	0	0	0	
2003-Jul-09	23:04	92	6.4	8.35	66.1	0	0	0	
2003-Jul-09	23:05	96	6.4	8.35	69.3	0	0	0	
2003-Jul-09	23:05	105	6.4	8.35	72.5	0	0	0	
2003-Jul-09	23:06	105	6.4	8.35	75.7	0	0	0	
2003-Jul-09	23:06	105	6.4	8.35	78.9	0	0	0	
2003-Jul-09	23:07	110	6.4	8.35	82.1	0	0	0	
2003-Jul-09	23:07	119	6.4	8.35	85.3	0	0	0	
2003-Jul-09	23:08	119	6.4	8.35	88.5	0	0	0	
2003-Jul-09	23:08	128	6.4	8.35	91.7	0	0	0	
2003-Jul-09	23:09	128	6.4	8.35	94.9	0	0	0	
2003-Jul-09	23:09	137	6.4	8.35	98.1	0	0	0	
2003-Jul-09	23:10	142	6.4	8.35	101.3	0	0	0	
2003-Jul-09	23:10	101	4.1	8.35	104.3	0	0	0	
2003-Jul-09	23:11	92	4.0	8.35	106.3	0	0	0	
2003-Jul-09	23:11	96	4.0	8.35	108.3	0	0	0	
2003-Jul-09	23:12	101	4.0	8.35	110.3	0	0	0	
2003-Jul-09	23:12	105	4.0	8.35	112.3	0	0	0	
2003-Jul-09	23:13	110	4.0	8.35	114.3	0	0	0	
2003-Jul-09	23:13	110	4.0	8.35	116.3	0	0	0	
2003-Jul-09	23:14	119	4.0	8.35	118.2	0	0	0	
2003-Jul-09	23:14	124	4.0	8.35	120.2	0	0	0	
2003-Jul-09	23:15	133	4.0	8.35	122.2	0	0	0	
2003-Jul-09	23:15	133	4.0	8.35	124.3	0	0	0	
2003-Jul-09	23:16	142	4.0	8.35	126.2	0	0	0	
2003-Jul-09	23:16	156	4.0	8.35	128.2	0	0	0	
2003-Jul-09	23:17	146	4.0	8.35	130.2	0	0	0	
2003-Jul-09	23:17	160	4.0	8.35	132.2	0	0	0	
2003-Jul-09	23:18	165	4.0	8.35	134.2	0	0	0	
2003-Jul-09	23:18	179	4.0	8.35	136.2	0	0	0	
2003-Jul-09	23:19	179	4.0	8.35	138.1	0	0	0	
2003-Jul-09	23:19	188	3.9	8.35	140.1	0	0	0	
2003-Jul-09	23:20	188	4.0	8.35	142.1	0	0	0	
2003-Jul-09	23:20	201	4.0	8.35	144.1	0	0	0	
2003-Jul-09	23:21	206	4.0	8.35	146.1	0	0	0	
2003-Jul-09	23:21	211	3.9	8.35	148.0	0	0	0	
2003-Jul-09	23:22	224	4.0	8.35	150.0	0	0	0	
2003-Jul-09	23:22	215	3.0	8.35	151.8	0	0	0	
2003-Jul-09	23:23	220	3.0	8.35	158.7	0	0	0	
2003-Jul-09	23:23	201	1.2	8.35	159.7	0	0	0	
2003-Jul-09	23:24	197	0.3	8.35	160.1	0	0	0	
2003-Jul-09	23:24	197	0.4	8.35	160.3	0	0	0	
2003-Jul-09	23:25	188	0.0	8.35	160.3	0	0	0	
2003-Jul-09	23:25	183	0.0	8.35	160.3	0	0	0	
2003-Jul-09	23:26	183	0.0	8.35	160.3	0	0	0	

Well		Field			Service Date		Customer		Job Number
BAUGHMAN #A-2					03190-Jul-09		OXY USA, INC.		2205543109
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2003-Jul-09	23:26	183	0.0	8.34	160.3	0	0	0	
2003-Jul-09	23:27	183	0.0	8.34	160.3	0	0	0	
2003-Jul-09	23:27	183	0.0	8.34	160.3	0	0	0	
2003-Jul-09	23:28	183	0.0	8.34	160.3	0	0	0	
2003-Jul-09	23:28	183	0.0	8.34	160.3	0	0	0	
2003-Jul-09	23:29	183	0.0	8.34	160.3	0	0	0	
2003-Jul-09	23:29	183	0.0	8.34	160.3	0	0	0	
2003-Jul-09	23:30	183	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:30	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:31	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:31	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:32	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:32	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:33	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:33	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:34	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:34	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:35	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:35	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:36	179	0.0	8.33	160.3	0	0	0	
2003-Jul-09	23:36	174	0.0	8.31	160.3	0	0	0	
2003-Jul-09	23:37	174	0.0	8.31	160.3	0	0	0	
2003-Jul-09	23:37	174	0.0	8.31	160.3	0	0	0	
2003-Jul-09	23:38	174	0.0	8.31	160.3	0	0	0	
2003-Jul-09	23:38	174	0.0	8.31	160.3	0	0	0	
2003-Jul-09	23:39	174	0.0	8.31	160.3	0	0	0	
2003-Jul-09	23:39	174	0.0	8.31	160.3	0	0	0	
2003-Jul-09	23:40	174	0.0	8.31	160.3	0	0	0	
2003-Jul-09	23:40	169	0.0	8.31	160.3	0	0	0	
2003-Jul-09	23:41	169	0.0	8.31	160.3	0	0	0	
2003-Jul-09	23:41	201	1.1	8.31	160.6	0	0	0	
2003-Jul-09	23:42	206	1.1	8.31	161.2	0	0	0	
2003-Jul-09	23:42	206	1.1	8.32	161.7	0	0	0	
2003-Jul-09	23:43	215	1.1	8.32	162.3	0	0	0	
2003-Jul-09	23:43	211	1.6	8.32	162.8	0	0	0	
2003-Jul-09	23:44	206	1.8	8.33	163.7	0	0	0	
2003-Jul-09	23:44	201	1.8	8.33	164.6	0	0	0	
2003-Jul-09	23:45	238	1.8	8.33	165.5	0	0	0	
2003-Jul-09	23:45	270	1.8	8.33	166.4	0	0	0	
2003-Jul-09	23:46	229	1.8	8.33	167.3	0	0	0	
2003-Jul-09	23:46	229	1.8	8.33	168.2	0	0	0	
2003-Jul-09	23:47	215	1.8	8.33	169.1	0	0	0	
2003-Jul-09	23:47	284	1.8	8.33	170.0	0	0	0	
2003-Jul-09	23:48	229	1.8	8.33	170.9	0	0	0	
2003-Jul-09	23:48	233	1.8	8.33	171.8	0	0	0	
2003-Jul-09	23:49	238	1.9	8.33	172.7	0	0	0	
2003-Jul-09	23:49	279	3.0	8.33	174.2	0	0	0	
2003-Jul-09	23:50	279	3.0	8.33	175.7	0	0	0	
2003-Jul-09	23:50	284	3.0	8.33	177.2	0	0	0	
2003-Jul-09	23:51	288	3.0	8.33	178.7	0	0	0	
2003-Jul-09	23:51	293	3.0	8.33	180.2	0	0	0	
2003-Jul-09	23:52	302	3.0	8.33	181.7	0	0	0	
2003-Jul-09	23:52	307	3.0	8.33	183.2	0	0	0	
2003-Jul-09	23:53	316	3.0	8.33	184.7	0	0	0	

Well BAUGHMAN #A-2		Field			Service Date 03190-Jul-09		Customer OXY USA, INC.		Job Number 2205543109	
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2003-Jul-09	23:53	256	0.0	8.33	184.7	0	0	0		
2003-Jul-09	23:54	256	0.0	8.33	184.7	0	0	0		
2003-Jul-09	23:54	256	0.0	8.33	184.7	0	0	0		
2003-Jul-09	23:54								End Displacement	
2003-Jul-09	23:54	256	0.0	8.33	184.7	0	0	0		
2003-Jul-09	23:54	256	0.0	8.33	184.7	0	0	0		
2003-Jul-09	23:54								End Job	
2003-Jul-09	23:54								Reset Total, Vol = 184.74 bbl	
2003-Jul-09	23:54	256	0.0	8.33	184.7	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		
6	0	0	7		423	0	10			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density				
					bbl	lb/gal				
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?		Volume	70 bbl		
%	329 bbl		185 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, Greg			Ahrends, Timothy							