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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: CIG
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Cheyenne Drilling Co., Inc.
License: 5382

API No. 15 - 081-21471-0000
County: Haskell
NE - SW - NE - NE Sec 6 Twp. 29 S. R. 34W
780 feet from S (N) (circle one) Line of Section
780 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Burton A Well #: 5
Field Name: Panoma Council Grove

Wellsite Geologist: NA
Designate Type of Completion: **CONFIDENTIAL**
 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: OXY USA, Inc.
Well Name: _____

Producing Formation: Council Grove
Elevation: Ground: 2990 Kelly Bushing: 2997
Total Depth: 3100 Plug Back Total Depth: 3057
Amount of Surface Pipe Set and Cemented at 803 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. To Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
04/03/03 04/04/03 04/24/03
Spud Date or Date Reached TD Completion Date or Recompletion Date

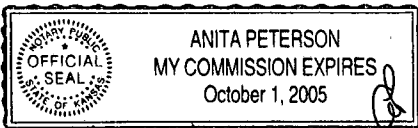
Drilling Fluid Management Plan *ALT I WITH 8-17-02*
(Data must be collected from the Reserve Pit)
Chloride content 15500 ppm Fluid volume 750 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ 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 July 18, 2003
Subscribed and sworn to before me this 18th day of July
20 03
Notary Public: Anita Peterson
Date Commission Expires: Oct 1, 2005

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



Operator Name: OXY USA Inc. Lease Name: Burton A Well #: 5

Sec. 6 Twp. 29 S. R. 34W 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <u>Dual Spaced Neutron</u> <u>Cement Bond</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Winfield</td> <td>2638</td> <td>+359</td> </tr> <tr> <td>Council Grove</td> <td>2874</td> <td>+123</td> </tr> </table>	Name	Top	Datum	Winfield	2638	+359	Council Grove	2874	+123
Name	Top	Datum								
Winfield	2638	+359								
Council Grove	2874	+123								

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	803	C	410	35/65 POZ, 6% Gel, 2% CC .25 Flocele
Production	7 7/8	4 1/2	11.6	3097	C	200 220	35/65 POZ C+ Add 50/50 POZ H + Add

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	-			
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	2881-2934	Acidize - 2000 gls 15% HCL	
		Diverta Frac - 12 Mgal 20# Linear Gel,	
		15 Mlbs 100 Mesh Sand, 29Mgls 70% N2,	
		56 Mlbs 12/20 Sand	

TUBING RECORD	Size 2 3/8	Set At 2962	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 05/13/03	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil BBLs	Gas Mcf 143	Water Bbls 42	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18)

METHOD OF COMPLETION

Production Interval Other (Specify) _____

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2003-Apr-04

Schlumberger

Service Order

Customer OXY USA, INC.		Person Taking Call CONFIDENTIAL		Dowell Location Perryton, TX		OrderDate 2003-Apr-04		Job Number 2205542526				
Well Name and Number BURTON A-5			Legal Location		Field PANOMA GAS		County HASKELL		State/Province KANSAS			
Well Master: 0630482496			API / UWI:									
Rig Name			Well Age New		Sales Engineer Parra Bandala-Dolores, Maria			Job Type Cem Prod Casing				
Time Well Ready: 4/4/2003 12:00 PM		Deviation 0 °		Bit Size 7.88 in		Well MD 3,100 ft		Well TVD 3,100 ft		BHP psi	BHST 106 °F	BHCT 98 °F
Treat Down Casing		Packer Type None		Packer Depth 0 ft		WellHead Connection 4 1/2 HS&M		HHP on Location		Max Allowed Pressure 2000		Max Allowed AnnPressure
Casing					Services Instructions:							
Depth, ft		Size, in		Weight, lb/ft		Grade		Thread		CEMENT 4 1/2 IN LONGSTRING WITH: SPACER: 10 BBLs CW100 LEAD: 200 SACKS 35.65 POZ C+ADDS TAIL: 220 SACKS 50:50 POZ H+ADDS		
3100		4.5		16.6		K55		HYD				
Tubing					Extra Equipment:							
Depth, ft		Size, in		Weight, lb/ft		Grade		Thread		1 ABT 1 PUMP 1 CEMCAT		
Perforated Intervals												
Top, ft		Bottom, ft		spf		No. of Shots		Total Interval				
								ft				
								Diameter				
								in				
Expected On Location: 4/4/2003 12:00 PM Ready To Pump:												

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

Notes:
1 TOP PLUG === 1 BOTTOM PLUG

Directions:
FROM 160 & 83 JCT IN SUBLETTE, KS === 11 MILES WEST ON HWY 160 === 3/8 MILES SOUTH === WEST and NORTH INTO

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

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Comments:

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Fluid Systems:

LEAD				
200 SACKS 35:65 POZ C+6%D20+2%S1+0.25 PPS D29				
Density:	12.2	lb/gal	Thickening Time:	
Yield:	2.18	ft ³ /sk		
H2O Mix:	12.31	gal/sk		
H2O:	2462	gal	Eq. Sack Weight:	88.75 lb
			Total Blend:	200 sacks
Dowell Code	Conc/ Amount		Total Quantity	
D029	0.25	lbs/sk	50	
CLASS C	61.1	lbs/sk	12220	
POZ	27.65	lbs/sk	5530	
D020	5.32	lbs/sk	1064	
S001	1.775	lbs/sk	355	

TAIL				
220 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:	
Yield:	1.55	ft ³ /sk		
H2O Mix:	7.1	gal/sk		
H2O:	1562	gal	Eq. Sack Weight:	86.5 lb
			Total Blend:	220 sacks
Dowell Code	Conc/ Amount		Total Quantity	
POZ	39.5	lbs/sk	8690	
D046	0.173	lbs/sk	38.06	
D020	1.73	lbs/sk	380.6	
D042	5	lbs/sk	1100	
D053	5	lbs/sk	1100	
D059	0.216	lbs/sk	47.52	
D065	0.216	lbs/sk	47.52	
M117	2.595	lbs/sk	570.9	
CLASS H	47	lbs/sk	10340	

SPACER				
10 BBLs CW100				
Density:		lb/gal	Thickening Time:	
Yield:		ft ³ /sk		
H2O Mix:	0	gal/sk		
H2O:	420	gal	Eq. Sack Weight:	0 lb
			Total Blend:	0 sacks
Dowell Code	Conc/ Amount		Total Quantity	
J237A	3	gal	3	
D122A	5	gal	5	

Well		Customer OXY USA, INC.				KCC			Job Number 2205542526		
BURTON A-5		Location (legal) JUL 18 2003			Schlumberger Location Perryton, TX			Job Start 2003-Apr-04			
Field PANOMA GAS		Formation Name/Type		Deviation		Bit Size 7.88 in		Well MD 3,100 ft		Well TVD 3,100 ft	
County HASKELL		State/Province KANSAS		BHP psi		BHST 106 °F		BHCT 98 °F		Pore Press. Gradient psi/ft	
Well Master: 0630482496		API / UWI:		Casing/Liner							
Rig Name		Drilled For Gas		Service Via		Depth, ft 3100	Size, in 4.5	Weight, lb/ft 16.6	Grade K55	Thread HYD	
Offshore Zone		Well Class New		Well Type Development		Tubing/Drill Pipe					
Drilling Fluid Type		Max. Density 9.2 lb/gal		Plastic Vt: cp		Depth,	Size, in	Weight, lb/ft	Grade	Thread	
Service Line Cementing		Job Type Cem Prod Casing		Perforations/Open Hole							
Max. Allowed Tubing Pressure 2000 psi		Max. Allowed Ann. Pressure psi		WellHead Connection 4 1/2 HS&M		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	
Service Instructions CEMENT 4 1/2 IN LONGSTRING WITH: SPACER: 10 BBLS CW100 LEAD: 200 SACKS 35:65 POZ C+ADDS TAIL: 220 SACKS 50:50 POZ H+ADDS						Diameter in	Treat Down Casing	Displacement 47.5 bbl	Packer Type None	Packer Depth 0 ft	
						Tubing Vol. bbl	Casing Vol. 48 bbl	Annular Vol. 126 bbl	OpenHole Vol 187 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: 750 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type			
No. Centralizers:		Top Plugs: 1		Bottom Plugs: 1		Shoe Depth: 3097 ft		Tool Type:			
Cement Head Type: Single		Stage Tool Type:		Tool Depth: ft		Stage Tool Depth: ft		Tail Pipe Size: in			
Job Scheduled For: 4/4/2003 12:00		Arrived on Location: 2003-Apr-04 12:15		Leave Location: 2003-Apr-04		Collar Type: Other		Tail Pipe Depth: ft			
						Collar Depth: 3057 ft		Sqz Total Vol: bbl			
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message		
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0			
2003-Apr-04	17:47	0	8.27	0.0	0.0	0	0	0			
2003-Apr-04	17:47	0	8.27	0.0	0.0	0	0	0			
2003-Apr-04	17:47								Pressure Test Lines		
2003-Apr-04	17:48	0	8.27	0.0	0.0	0	0	0			
2003-Apr-04	17:48	0	8.27	0.0	0.0	0	0	0			
2003-Apr-04	17:49	5	8.28	0.0	0.0	0	0	0			
2003-Apr-04	17:49	0	8.28	0.0	0.0	0	0	0			
2003-Apr-04	17:50	0	8.28	0.0	0.0	0	0	0			
2003-Apr-04	17:50	1039	8.28	0.2	0.1	0	0	0			
2003-Apr-04	17:51	2458	8.28	0.0	0.1	0	0	0			
2003-Apr-04	17:51	2403	8.28	0.0	0.1	0	0	0			
2003-Apr-04	17:51	2403	8.28	0.0	0.0	0	0	0			
2003-Apr-04	17:51								Start Pumping Wash		
2003-Apr-04	17:52	50	8.28	0.0	0.0	0	0	0			
2003-Apr-04	17:52	142	8.28	3.8	0.2	0	0	0			
2003-Apr-04	17:53	78	8.28	4.0	2.2	0	0	0			
2003-Apr-04	17:53	78	8.28	4.0	4.2	0	0	0			
2003-Apr-04	17:54	156	8.28	4.0	6.2	0	0	0			
2003-Apr-04	17:54	82	8.31	4.0	8.3	0	0	0			
2003-Apr-04	17:55	110	8.29	4.0	10.3	0	0	0			
2003-Apr-04	17:55								Reset Total, Vol = 10.62 bbl		
2003-Apr-04	17:55	-23	8.29	0.2	10.6	0	0	0			

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Well		Field			Service Date		Customer		Job Number
BURTON #A-5		PANOMA GAS			0394-Apr-04		OXY USA, INC.		2205542526
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2003-Apr-04	17:55								Drop Bottom Plug
2003-Apr-04	17:55	-23	8.28	0.0	0.0	0	0	0	
2003-Apr-04	17:55	-14	8.28	0.0	0.0	0	0	0	
2003-Apr-04	17:56	-9	8.28	0.0	0.0	0	0	0	
2003-Apr-04	17:56	-9	8.28	0.0	0.0	0	0	0	
2003-Apr-04	17:57	-14	8.28	0.0	0.0	0	0	0	
2003-Apr-04	17:57	-9	8.28	0.0	0.0	0	0	0	
2003-Apr-04	17:58	-9	8.28	0.0	0.0	0	0	0	
2003-Apr-04	17:58								Start Pumping Spacer
2003-Apr-04	17:58	174	8.28	4.3	1.4	0	0	0	
2003-Apr-04	17:59	179	8.42	5.2	3.9	0	0	0	
2003-Apr-04	17:59	165	8.44	5.2	6.5	0	0	0	
2003-Apr-04	17:59	179	8.80	5.1	7.0	0	0	0	
2003-Apr-04	17:59								Reset Total, Vol = 7.01 bbl
2003-Apr-04	18:00								Start Mixing Lead Slurry
2003-Apr-04	18:00	183	8.91	5.2	0.2	0	0	0	
2003-Apr-04	18:00	197	9.81	5.2	2.0	0	0	0	
2003-Apr-04	18:00	206	10.23	5.2	4.6	0	0	0	
2003-Apr-04	18:01	211	10.23	5.2	7.2	0	0	0	
2003-Apr-04	18:01	169	10.23	4.3	9.4	0	0	0	
2003-Apr-04	18:02	179	10.23	4.4	11.6	0	0	0	
2003-Apr-04	18:02	142	10.23	4.4	13.8	0	0	0	
2003-Apr-04	18:03	105	10.23	4.4	16.0	0	0	0	
2003-Apr-04	18:03	110	10.23	4.4	18.2	0	0	0	
2003-Apr-04	18:04	101	10.23	4.4	20.5	0	0	0	
2003-Apr-04	18:04	78	13.43	4.4	22.7	0	0	0	
2003-Apr-04	18:05	69	12.20	4.5	24.9	0	0	0	
2003-Apr-04	18:05	82	12.32	4.5	27.2	0	0	0	
2003-Apr-04	18:06	92	12.17	4.5	29.4	0	0	0	
2003-Apr-04	18:06	87	12.14	4.5	31.7	0	0	0	
2003-Apr-04	18:07	82	12.14	4.5	33.9	0	0	0	
2003-Apr-04	18:07	69	12.14	4.5	36.1	0	0	0	
2003-Apr-04	18:08	73	12.14	4.4	38.4	0	0	0	
2003-Apr-04	18:08	69	12.25	4.5	40.6	0	0	0	
2003-Apr-04	18:09	82	11.94	4.5	42.8	0	0	0	
2003-Apr-04	18:09	78	12.25	4.4	45.1	0	0	0	
2003-Apr-04	18:10	87	12.43	4.4	47.4	0	0	0	
2003-Apr-04	18:10	82	11.94	4.5	49.6	0	0	0	
2003-Apr-04	18:11	82	12.17	4.5	51.8	0	0	0	
2003-Apr-04	18:11	64	12.21	4.5	54.1	0	0	0	
2003-Apr-04	18:12	64	12.08	4.5	56.3	0	0	0	
2003-Apr-04	18:12	82	12.04	4.5	58.5	0	0	0	
2003-Apr-04	18:13	87	12.00	4.5	60.8	0	0	0	
2003-Apr-04	18:13	87	12.53	4.5	63.0	0	0	0	
2003-Apr-04	18:14	69	12.18	4.5	65.3	0	0	0	
2003-Apr-04	18:14	87	12.27	4.5	67.5	0	0	0	
2003-Apr-04	18:15	92	12.64	4.5	69.7	0	0	0	
2003-Apr-04	18:15	55	13.69	4.5	71.1	0	0	0	
2003-Apr-04	18:15								Reset Total, Vol = 71.15 bbl
2003-Apr-04	18:15	133	13.71	4.5	0.2	0	0	0	
2003-Apr-04	18:15								Start Mixing Tail Slurry
2003-Apr-04	18:15	69	13.67	4.5	0.8	0	0	0	
2003-Apr-04	18:16	78	13.83	4.5	3.1	0	0	0	
2003-Apr-04	18:16	64	13.75	4.6	5.4	0	0	0	

Well			Field			Service Date		Customer		Job Number
BURTON #A-5			PANOMA GAS			0394-Apr-04		OXY USA, INC.		2205642526
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2003-Apr-04	18:17	60	13.94	4.5	7.7	0	0	0	KCC	
2003-Apr-04	18:17	64	13.62	4.5	9.9	0	0	0		
2003-Apr-04	18:18	60	14.05	4.5	12.2	0	0	0	JUL 18 2003	
2003-Apr-04	18:18	55	13.98	4.5	14.5	0	0	0		
2003-Apr-04	18:19	60	13.78	4.5	16.7	0	0	0	CONFIDENTIAL	
2003-Apr-04	18:19	50	13.56	4.5	19.0	0	0	0		
2003-Apr-04	18:20	60	13.60	4.6	21.3	0	0	0		
2003-Apr-04	18:20	60	13.71	4.5	23.6	0	0	0		
2003-Apr-04	18:21	60	13.87	4.5	25.9	0	0	0		
2003-Apr-04	18:21	55	13.77	4.5	28.2	0	0	0		
2003-Apr-04	18:22	55	13.67	4.5	30.5	0	0	0		
2003-Apr-04	18:22	64	13.94	4.6	32.8	0	0	0		
2003-Apr-04	18:23	55	13.91	4.5	35.0	0	0	0		
2003-Apr-04	18:23	55	13.91	4.5	37.3	0	0	0		
2003-Apr-04	18:24	60	13.92	4.5	39.6	0	0	0		
2003-Apr-04	18:24	60	13.67	4.5	41.8	0	0	0		
2003-Apr-04	18:25	60	13.73	4.5	44.1	0	0	0		
2003-Apr-04	18:25	50	14.14	4.5	46.4	0	0	0		
2003-Apr-04	18:26	55	13.73	4.5	48.7	0	0	0		
2003-Apr-04	18:26	55	13.62	4.5	50.9	0	0	0		
2003-Apr-04	18:27	60	13.97	4.5	53.2	0	0	0		
2003-Apr-04	18:27	64	13.82	4.5	55.5	0	0	0		
2003-Apr-04	18:28	64	13.92	4.5	57.8	0	0	0		
2003-Apr-04	18:28	60	14.17	4.5	60.0	0	0	0		
2003-Apr-04	18:29	60	14.20	4.5	62.3	0	0	0		
2003-Apr-04	18:29	60	13.98	4.5	64.6	0	0	0		
2003-Apr-04	18:30	60	14.24	4.5	66.9	0	0	0		
2003-Apr-04	18:30	55	14.23	4.5	69.1	0	0	0		
2003-Apr-04	18:31	60	14.23	4.5	71.4	0	0	0		
2003-Apr-04	18:31	78	14.23	4.5	73.7	0	0	0		
2003-Apr-04	18:32	87	14.23	4.6	76.0	0	0	0		
2003-Apr-04	18:32								Reset Total, Vol = 77.17 bbl	
2003-Apr-04	18:32	-9	14.23	0.0	77.2	0	0	0		
2003-Apr-04	18:32	-9	14.23	0.0	0.0	0	0	0		
2003-Apr-04	18:32								Wash Pump and Lines	
2003-Apr-04	18:32	-9	14.23	0.0	0.0	0	0	0		
2003-Apr-04	18:33	-5	14.23	0.0	0.0	0	0	0		
2003-Apr-04	18:33	-9	14.23	0.0	0.0	0	0	0		
2003-Apr-04	18:34	-9	14.23	0.0	0.0	0	0	0		
2003-Apr-04	18:34	-5	14.23	0.0	0.0	0	0	0		
2003-Apr-04	18:35	55	14.23	3.6	0.5	0	0	0		
2003-Apr-04	18:35	73	14.23	4.9	2.9	0	0	0		
2003-Apr-04	18:36	41	3.49	4.9	5.3	0	0	0		
2003-Apr-04	18:36	41	8.09	4.9	7.8	0	0	0		
2003-Apr-04	18:37	-9	8.28	0.0	0.0	0	0	0		
2003-Apr-04	18:37	0	8.28	0.0	0.0	0	0	0		
2003-Apr-04	18:37								Drop Top Plug	
2003-Apr-04	18:37	-9	8.28	0.0	0.0	0	0	0		
2003-Apr-04	18:37								Start Displacement	
2003-Apr-04	18:37	-5	8.28	0.0	0.0	0	0	0		
2003-Apr-04	18:38	0	8.28	0.0	0.0	0	0	0		
2003-Apr-04	18:38	0	8.28	0.0	0.0	0	0	0		
2003-Apr-04	18:39	78	8.28	1.6	0.0	0	0	0		
2003-Apr-04	18:39	50	8.28	4.1	1.8	0	0	0		

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Well		Field			Service Date		Customer		Job Number
BURTON #A-5		PANOMA GAS			0394-Apr-04		OXY USA, INC.		2205542526
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2003-Apr-04	18:40	46	8.28	4.1	3.9	0	0	0	KCC
2003-Apr-04	18:40	46	8.27	4.1	5.9	0	0	0	
2003-Apr-04	18:41	64	8.27	4.0	7.9	0	0	0	
2003-Apr-04	18:41	101	8.28	4.0	9.9	0	0	0	JUL 18 2003
2003-Apr-04	18:42	64	8.28	4.0	11.9	0	0	0	
2003-Apr-04	18:42	169	8.28	3.9	13.9	0	0	0	CONFIDENTIAL
2003-Apr-04	18:43	201	8.28	3.9	15.8	0	0	0	
2003-Apr-04	18:43	229	8.28	3.9	17.8	0	0	0	
2003-Apr-04	18:44	270	8.28	3.9	19.8	0	0	0	
2003-Apr-04	18:44	311	8.28	3.9	21.8	0	0	0	
2003-Apr-04	18:45	362	8.28	3.9	23.7	0	0	0	
2003-Apr-04	18:45	394	8.28	4.0	25.7	0	0	0	
2003-Apr-04	18:46	430	8.28	4.0	27.7	0	0	0	
2003-Apr-04	18:46	476	8.28	3.9	29.6	0	0	0	
2003-Apr-04	18:47	536	8.28	3.9	31.6	0	0	0	
2003-Apr-04	18:47	554	8.28	3.9	33.5	0	0	0	
2003-Apr-04	18:48	504	8.28	1.6	34.8	0	0	0	
2003-Apr-04	18:48	540	8.28	2.0	35.8	0	0	0	
2003-Apr-04	18:49	554	8.28	2.0	36.8	0	0	0	
2003-Apr-04	18:49	586	8.28	2.0	37.8	0	0	0	
2003-Apr-04	18:50	609	8.28	2.0	38.8	0	0	0	
2003-Apr-04	18:50	604	8.28	2.0	39.7	0	0	0	
2003-Apr-04	18:51	655	8.28	2.0	40.7	0	0	0	
2003-Apr-04	18:51	664	8.28	2.0	41.7	0	0	0	
2003-Apr-04	18:52	696	8.28	1.9	42.7	0	0	0	
2003-Apr-04	18:52	714	8.28	2.0	43.7	0	0	0	
2003-Apr-04	18:53	746	8.28	2.0	44.6	0	0	0	
2003-Apr-04	18:53	751	8.28	1.9	45.6	0	0	0	
2003-Apr-04	18:54	778	8.28	2.0	46.6	0	0	0	
2003-Apr-04	18:54	1263	8.28	0.0	46.7	0	0	0	
2003-Apr-04	18:55	1263	8.28	0.0	46.7	0	0	0	
2003-Apr-04	18:55								Bump Top Plug
2003-Apr-04	18:55	1259	8.28	0.0	46.7	0	0	0	
2003-Apr-04	18:55								Reset Total, Vol = 47.6 bbl
2003-Apr-04	18:55								Float Holding
2003-Apr-04	18:55	1259	8.28	0.0	0.0	0	0	0	
2003-Apr-04	18:55	1259	8.28	0.0	0.0	0	0	0	
2003-Apr-04	18:55	-9	8.28	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
3			5	139		10	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density	
750		150	1230			8.34 lb/gal	
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface? Volume		
%	139 bbl		47.5 bbl	°F	bbl		
Customer or Authorized Representative			Schlumberger Supervisor		Washed Thru Perfs To		
PHILPOT, GREG			Ousley, John		ft		
					<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed

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JUL 21 2003

KCC WICHITA

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2003-Apr-02

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JUL 18 2003

Schlumberger

Service Order

Customer OXY USA, INC.		Person Taking Call Tringo, Monty		Dowell Location Perryton, TX		Order Date 2003-Apr-01		Job Number 2205542519	
Well Name and Number BURTON A-5		Legal Location PANOMA GAS		Field HASKELL		State/Province KANSAS			
Well Master: 0630482496		API / UWI:							
Rig Name		Well Age New		Sales Engineer Parra Bandala-Dolores, Maria		Job Type Cem Surface Casing			
Time Well Ready:	Deviation 0	Bit Size 12.3 in	Well MD 750 ft	Well TVD 750 ft	BHP 1000 psi	BHST 83 °F	BHCT 77 °F		
Treat Down Casing	Packer Type None	Packer Depth 0 ft	WellHead Connection 8 5/8 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 8 5/8 IN SURFACE CASING WITH:				
750	8.63	24	K55	8RD	LEAD; 235 SACKS 35:65 POZ (CLASS C)+6%D20+2%S1+0.25 PPS D29				
Tubing					TAIL: 175 SACKS CLASS C+2%S1+0.25 PPS D29				
Depth,	Size, in	Weight, lb/ft	Grade	Thread	Extra Equipment:				
Perforated Intervals					2 ABTS				
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval	1 PUMP				
				ft	1 CEMCAT				
				Diameter					
				in					
Expected On Location:					Ready To Pump:				

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

Notes:

FLOAT EQUIPMENT WILL BE PROVIDED BY CLIENT

Directions:

FROM 160 & 83 JCT IN SUBLETTE,KS === 11 MILES WEST ON HWY 160 === 3/8 MILES SOUTH === WEST INTO

Other Notes:

BE SAFE!!!!

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Comments:

KCC

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Fluid Systems:

LEAD			
235 SACKS 35:65 POZ C= \wedge %D20+2%S1+0.25 PPS D29			
Density:	13 lb/gal	Thickening Time:	
Yield:	1.8 ft ³ /sk		
H2O Mix:	9.52 gal/sk		
H2O:	2237.2 gal	Eq. Sack Weight:	88.75 lb
		Total Blend:	235 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D029	0.25 lbs/sk	58.75	
S001	1.775 lbs/sk	417.125	
D020	5.325 lbs/sk	1251.375	
POZ	27.65 lbs/sk	6497.75	
CLASS C	61.1 lbs/sk	14358.5	

Q 30900 328.7
 D132 6505 82.3
 D20 1280 21.3
 S1 746 14.9
 D29 59
 988 447

TAIL			
175 SACKS CLASS C+2%S1			
Density:	14.8 lb/gal	Thickening Time:	
Yield:	1.34 ft ³ /sk		
H2O Mix:	6.3 gal/sk		
H2O:	1102.5 gal	Eq. Sack Weight:	94 lb
		Total Blend:	175 sacks
Dowell Code	Conc/ Amount	Total Quantity	
S001	1.88 lbs/sk	329	
CLASS C	94 lbs/sk	16450	

805
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Customer
OXY USA, INC.

KCC

JUL 18 2003

Job Number
2205542519

Well BURTON A-5		Location (legal) Perryton, TX		Schlumberger Location Perryton, TX		Job Start 2003-Apr-03			
Field PANOMA GAS		Formation Name/Type CONFIDENTIAL		Bit Size 12.3 in		Well MD 805 ft			
County HASKELL		State/Province KANSAS		BHP psi		BHST 83 °F			
Well Master: 0630482496		API / UWI:		Casing/Liner BHCT 77 °F					
Rig Name		Drilled For Gas		Service Via		Depth, ft 805			
Offshore Zone		Well Class New		Well Type Development		Size, in 8.63			
Drilling Fluid Type		Max. Density lb/gal		Plastic Vt: cp		Weight, lb/ft 24			
Service Line Cementing		Job Type Cem Surface Casing		Casing/Liner Grade K55		Thread 8RD			
Max. Allowed Tubing Pressure 500 psi		Max. Allowed Ann. Pressure psi		WellHead Connection 8 5/8 HS&M		Perforations/Open Hole Top, ft			
Service Instructions CEMENT 8 5/8 IN SURFACE CASING WITH: LEAD; 235 SACKS 35:65 POZ (CLASS C)+6%D20+2%S1+0.25 PPS D29 TAIL: 175 SACKS CLASS C+2%S1+0.25 PPS D29						Bottom, ft			
						spf			
						No. of Shots			
						Total Interval ft			
						Diameter in			
						Packer Depth 0 ft			
						OpenHole Vol 117 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: 280 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type:			
No. Centralizers:		Top Plugs: 1		Bottom Plugs:		Shoe Depth: 805 ft			
Cement Head Type: Single						Stage Tool Type:			
Job Scheduled For: 4/3/2003		Arrived on Location: 2003-Apr-03 3:00		Leave Location: 2003-Apr-03		Stage Tool Depth: ft			
						Tail Pipe Size: in			
						Tail Pipe Depth: ft			
						Collar Depth: 762 ft			
						Sqz Total Vol: bbl			
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2003-Apr-03	3:58	5	8.30	0.0	0.0	0	0	0	
2003-Apr-03	3:58								Pressure Test Lines
2003-Apr-03	3:58	5	8.30	0.0	0.0	0	0	0	
2003-Apr-03	3:58	5	8.30	0.0	0.0	0	0	0	
2003-Apr-03	3:59	5	8.30	0.0	0.0	0	0	0	
2003-Apr-03	3:59	41	8.35	0.0	0.0	0	0	0	
2003-Apr-03	4:00	50	8.31	1.4	0.0	0	0	0	
2003-Apr-03	4:00	558	8.30	0.0	0.0	0	0	0	
2003-Apr-03	4:01	449	8.29	0.0	0.0	0	0	0	
2003-Apr-03	4:01	60	8.29	3.6	0.3	0	0	0	
2003-Apr-03	4:02	114	8.31	5.2	2.8	0	0	0	
2003-Apr-03	4:02	101	8.29	5.3	5.4	0	0	0	
2003-Apr-03	4:03	110	8.29	5.3	8.1	0	0	0	
2003-Apr-03	4:03	114	8.35	5.3	10.7	0	0	0	
2003-Apr-03	4:03	101	8.63	5.3	11.7	0	0	0	
2003-Apr-03	4:03								Reset Total, Vol = 11.69 bbl
2003-Apr-03	4:03	114	8.78	5.3	0.3	0	0	0	
2003-Apr-03	4:03								Start Mixing Lead Slurry
2003-Apr-03	4:04	128	9.26	5.3	1.7	0	0	0	
2003-Apr-03	4:04	137	11.38	5.4	4.4	0	0	0	
2003-Apr-03	4:05	156	12.64	5.4	7.1	0	0	0	
2003-Apr-03	4:05	151	12.42	5.4	9.8	0	0	0	

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Well		Field			Service Date		Customer			Job Number
BURTON #A-5		PANOMA GAS			0393-Apr-03		OXY USA, INC.			2205542519
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2003-Apr-03	4:06	142	12.65	5.4	12.5	0	0	0	KCC	
2003-Apr-03	4:06	156	12.90	5.5	15.2	0	0	0	JUL 18 2003	
2003-Apr-03	4:07	160	12.97	5.5	18.0	0	0	0	CONFIDENTIAL	
2003-Apr-03	4:07	151	12.95	5.5	20.7	0	0	0		
2003-Apr-03	4:08	156	12.92	5.5	23.6	0	0	0		
2003-Apr-03	4:08	128	12.82	5.5	26.4	0	0	0		
2003-Apr-03	4:09	151	12.68	5.5	29.1	0	0	0		
2003-Apr-03	4:09	146	12.68	5.5	31.9	0	0	0		
2003-Apr-03	4:10	133	12.79	5.5	34.6	0	0	0		
2003-Apr-03	4:10	142	12.95	5.5	37.4	0	0	0		
2003-Apr-03	4:11	146	13.03	5.5	40.2	0	0	0		
2003-Apr-03	4:11	151	13.04	5.5	42.9	0	0	0		
2003-Apr-03	4:12	165	12.98	5.5	45.7	0	0	0		
2003-Apr-03	4:12	156	12.88	5.5	48.5	0	0	0		
2003-Apr-03	4:13	142	12.79	5.5	51.2	0	0	0		
2003-Apr-03	4:13	156	12.86	5.5	54.0	0	0	0		
2003-Apr-03	4:14	146	13.00	5.5	56.8	0	0	0		
2003-Apr-03	4:14	160	13.05	5.5	59.5	0	0	0		
2003-Apr-03	4:15	160	13.05	5.5	62.3	0	0	0		
2003-Apr-03	4:15	160	13.04	5.5	65.1	0	0	0		
2003-Apr-03	4:16	156	13.02	5.5	67.8	0	0	0		
2003-Apr-03	4:16	137	12.99	5.5	70.6	0	0	0		
2003-Apr-03	4:17	156	12.91	5.5	73.4	0	0	0		
2003-Apr-03	4:17								Reset Total, Vol = 74.12 bbl	
2003-Apr-03	4:17	128	12.79	5.5	74.1	0	0	0		
2003-Apr-03	4:17								Start Mixing Tail Slurry	
2003-Apr-03	4:17	151	13.36	5.5	0.2	0	0	0		
2003-Apr-03	4:18	183	14.82	5.5	3.0	0	0	0		
2003-Apr-03	4:18	179	14.82	5.6	5.8	0	0	0		
2003-Apr-03	4:19	174	14.71	5.6	8.6	0	0	0		
2003-Apr-03	4:19	179	14.71	5.6	11.4	0	0	0		
2003-Apr-03	4:20	179	14.83	5.6	14.2	0	0	0		
2003-Apr-03	4:20	183	14.88	5.6	17.0	0	0	0		
2003-Apr-03	4:21	174	14.83	5.6	19.8	0	0	0		
2003-Apr-03	4:21	174	14.93	5.5	22.6	0	0	0		
2003-Apr-03	4:22	192	15.33	5.5	25.4	0	0	0		
2003-Apr-03	4:22	192	15.17	5.6	28.2	0	0	0		
2003-Apr-03	4:23	169	14.57	5.5	30.9	0	0	0		
2003-Apr-03	4:23	179	14.87	5.5	33.7	0	0	0		
2003-Apr-03	4:24	188	15.38	5.5	36.5	0	0	0		
2003-Apr-03	4:24	197	15.54	5.5	39.3	0	0	0		
2003-Apr-03	4:25	220	15.99	5.6	42.0	0	0	0		
2003-Apr-03	4:25	9	6.46	0.0	42.6	0	0	0		
2003-Apr-03	4:25								Reset Total, Vol = 42.58 bbl	
2003-Apr-03	4:25	9	12.24	0.0	0.0	0	0	0		
2003-Apr-03	4:25								Drop Top Plug	
2003-Apr-03	4:25								Start Displacement	
2003-Apr-03	4:25	9	13.51	0.0	0.0	0	0	0		
2003-Apr-03	4:25	5	10.45	0.0	0.0	0	0	0		
2003-Apr-03	4:26	0	10.02	0.0	0.0	0	0	0		
2003-Apr-03	4:26	0	10.02	0.0	0.0	0	0	0		
2003-Apr-03	4:27	0	10.02	0.0	0.0	0	0	0		
2003-Apr-03	4:27	0	10.02	0.0	0.0	0	0	0		
2003-Apr-03	4:28	0	10.02	0.0	0.0	0	0	0		

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Well		Field			Service Date		Customer			Job Number
BURTON #A-5		PANOMA GAS			0393-Apr-03		OXY USA, INC.			2205542519
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2003-Apr-03	4:28	0	10.00	0.0	0.0	0	0	0	KCC	
2003-Apr-03	4:29	0	9.97	0.0	0.0	0	0	0	JUL 18 2003	
2003-Apr-03	4:29	0	9.95	0.0	0.0	0	0	0	CONFIDENTIAL	
2003-Apr-03	4:30	0	9.93	0.0	0.0	0	0	0		
2003-Apr-03	4:30	0	9.93	0.0	0.0	0	0	0		
2003-Apr-03	4:31	0	9.60	0.0	0.0	0	0	0		
2003-Apr-03	4:31	55	9.09	0.0	0.0	0	0	0		
2003-Apr-03	4:32	55	8.97	4.1	0.3	0	0	0		
2003-Apr-03	4:32	64	8.95	4.6	2.9	0	0	0		
2003-Apr-03	4:33	78	8.75	4.6	5.2	0	0	0		
2003-Apr-03	4:33	64	8.31	4.6	7.5	0	0	0		
2003-Apr-03	4:34	82	8.29	4.6	9.8	0	0	0		
2003-Apr-03	4:34	119	8.31	4.6	12.1	0	0	0		
2003-Apr-03	4:35	114	8.31	4.5	14.4	0	0	0		
2003-Apr-03	4:35	151	8.28	4.5	16.6	0	0	0		
2003-Apr-03	4:36	101	8.28	4.5	18.9	0	0	0		
2003-Apr-03	4:36	124	8.28	4.5	21.1	0	0	0		
2003-Apr-03	4:37	156	8.28	4.4	23.4	0	0	0		
2003-Apr-03	4:37	179	8.28	4.4	25.6	0	0	0		
2003-Apr-03	4:38	192	8.28	4.4	27.8	0	0	0		
2003-Apr-03	4:38	201	8.28	4.4	30.0	0	0	0		
2003-Apr-03	4:39	220	8.28	4.4	32.2	0	0	0		
2003-Apr-03	4:39	266	8.28	4.4	34.4	0	0	0		
2003-Apr-03	4:40	266	8.28	4.4	36.6	0	0	0		
2003-Apr-03	4:40	275	8.28	4.4	38.8	0	0	0		
2003-Apr-03	4:41	247	8.28	2.4	40.2	0	0	0		
2003-Apr-03	4:41	252	8.28	2.5	41.4	0	0	0		
2003-Apr-03	4:42	252	8.28	2.4	42.6	0	0	0		
2003-Apr-03	4:42	256	8.28	2.4	43.9	0	0	0		
2003-Apr-03	4:43	270	8.28	2.4	45.1	0	0	0		
2003-Apr-03	4:43	279	8.28	2.4	46.3	0	0	0		
2003-Apr-03	4:44	925	8.16	0.0	47.3	0	0	0		
2003-Apr-03	4:44	952	9.73	0.0	47.3	0	0	0		
2003-Apr-03	4:44								Bump Top Plug	
2003-Apr-03	4:44								Reset Total, Vol = 47.31 bbl	
2003-Apr-03	4:44	952	4.29	0.0	47.3	0	0	0		
2003-Apr-03	4:44								Float Holding	
2003-Apr-03	4:44	952	2.22	0.0	0.0	0	0	0		
2003-Apr-03	4:44	952	1.64	0.0	0.0	0	0	0		
2003-Apr-03	4:45	696	1.64	0.0	0.0	0	0	0		
2003-Apr-03	4:45	5	1.64	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
3			5	117		10	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to Breakdown	Volume	Density		
			950		8.34 lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	20 bbl	
%	117 bbl	48.5 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft	
Customer or Authorized Representative			Schlumberger Supervisor		<input type="checkbox"/> Circulation Lost		
PHILPOT, GREG			Ousley, John		<input checked="" type="checkbox"/> Job Completed		