

CONFIDENTIAL

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

RECEIVED  
A-13-2002  
DEC 13 2002

Form ACO-1  
September 1999

Form Must Be Typed

CONFIDENTIAL

KCC WICHITA

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 Company  
License: 30606  
Wellsite Geologist: Tom Heflin

API No. 15 - 081-21458-0000  
County: Haskell

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

     - NW - NW - SE Sec 18 Twp. 27 S. R. 33W  
2414 feet from (S) N (circle one) Line of Section  
2221 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Frey I Well #: 2

Field Name:       
Producing Formation: Chester

Elevation: Ground: 2962 Kelly Bushing: 2973  
Total Depth: 5400 Plug Back Total Depth: 5340

Amount of Surface Pipe Set and Cemented at 1775 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 3130

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

If Workover/Re-entry: Old Well Info as follows:  
Operator: OXY USA, Inc.  
Well Name:     

Drilling Fluid Management Plan All 1 cu 3.28.03

(Data must be collected from the Reserve Pit)  
Chloride content 2400 ppm Fluid volume 1500 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.:     

Original Comp. Date: 08/22/02 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.       
Spud Date or 08/22/02 Date Reached TD 08/27/02 Completion Date or 09/16/02  
Recompletion Date      Recompletion Date     

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.

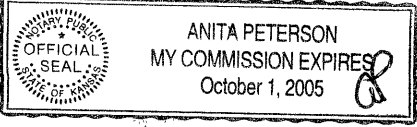
Signature: Vicki Carder

Title: Capital Project Date December 12, 2002

Subscribed and sworn to before me this 12th day of Dec. 20 02

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

Side Two

Operator Name: OXY USA Inc. Lease Name: Frey I  
Sec. 18 Twp. 27 S. R. 33W East West County: Haskell

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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 is 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  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
List All E. Logs Run: Neutron Gamma Ray  
Cement Bond Sonic Log Induction  
Geological Report

Table with columns: Log Formation (Top), Depth and Datum, Sample. Rows include Heebner, Toronto, Lansing, Marmaton, Cherokee, Atoka, Morrow, Chester, St. Genieve with corresponding depths and datums.

CASING RECORD Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight Lbs./ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives. Includes rows for Conductor, Surface, and Production.

ADDITIONAL CEMENTING / SQUEEZE RECORD Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Includes row for Protect Casing.

PERFORATION RECORD - Bridge Plugs Set/type and Acid, Fracture, Shot, Cement Squeeze Record. Includes details on perforation intervals and materials used.

TUBING RECORD and Production Data. Includes tubing size, set depth, packer type, and estimated production per 24 hours.

Disposition of Gas and METHOD OF COMPLETION. Includes options for Vented, Sold, Used on Lease, Open Hole, Perf., Dually Comp., and Commingled.

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**Schlumberger** **CONFIDENTIAL** Service Order

**ORIGINAL**

2002-Aug-23

Customer OXY USA, INC.		Person Taking Call Cambren, Charles		Dowell Location Ulysses, KS		OrderDate 2002-Aug-23		Job Number 2205440484			
Well Name and Number FRY 1-2			Legal Location 18-27-33		Field		County HASKELL		State/Province KS		
Well Master: 0630441607			API / UWI:								
Rig Name Cheyenne Rig 11			Well Age New		Sales Engineer Roach, Daniel			Job Type Cem Surface Casing			
Time Well Ready:		Deviation °		Bit Size in		Well MD ft		Well TVD ft		BHP psi	
Treat Down Casing		Packer Type		Packer Depth ft		WellHead Connection		HHP on Location		Max Allowed Pressure	
<b>Casing</b>						<b>Services Instructions:</b>					
Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
<b>Tubing</b>						Safely cement surface casing as per customer request <b>RCC</b> DEC 11 2002 <b>CONFIDENTIAL</b>					
Depth,		Size, in		Weight, lb/ft							
<b>Perforated Intervals</b>						<b>Extra Equipment:</b>					
Top, ft		Bottom, ft		spf		No. of Shots		Total Interval ft			
								* SLB TO PROVIDE THIS FLOAT EQUIPMENT*			
								5 - 8 5/8" Regular Centralizers (1 1/2" Bow)			
								1 - 8 5/8" Top Plug (Plastic)			
								1 - Thread Lock Kit			
								1 - 8 5/8 Orifice Fill Float Collar			
								1 - 8 5/8 Cement Basket			
<b>Expected On Location:</b>						<b>Ready To Pump:</b>					

Contact	Voice	Mobile	FAX	Notes
Cheyene Drilling				

**Notes:**  
 8 5/8" Casing  
 8 5/8 Cement Head and top plug & swedge

**Directions:**  
 ULYSSES - E ON 160 17 miles - N TO HITCH FEEDERS ROAD - 5 MILES E - 1 N - 1/2 W - 1/2 N - N & E INTO

**Other Notes:**

JAN 10 2000

JAN 10 2000

JAN 10 2000

Comments:

Fluid Systems:

Lead			
520 Sacks 35/65 LP3/Class "C" Cement + 6% D20 + 2% S1 + 1/4 lb/sk D29			
Density:	12.2	lb/gal	Thickening Time: +7 hrs
Yield:	2.17	ft <sup>3</sup> /sk	
H2O Mix:	11.878	gal/sk	
H2O:	6176.56	gal	Eq. Sack Weight: 88.75 lb
			Total Blend: 520 sacks
Dowell Code	Conc/ Amount		Total Quantity
S001	2 % BWOB		923
D029	0.25 lbs/sk		130
D020	6 % BWOB		2769
D132	27.65 lbs/sk		14378
D903	61.1 lbs/sk		31772

Tail			
150 Sacks Class "C" Cement + 2% S1 + 1/4 lb/sk D29			
Density:	14.8	lb/gal	Thickening Time: +4 hrs
Yield:	1.34	ft <sup>3</sup> /sk	
H2O Mix:	6.33	gal/sk	
H2O:	949.5	gal	Eq. Sack Weight: 94 lb
			Total Blend: 150 sacks
Dowell Code	Conc/ Amount		Total Quantity
D029	0.25 lbs/sk		37.5
S001	2 % BWOB		282
D903	94 lbs/sk		14100

Customer: OXY USA, INC. Job Number: 2205440484  
 DEC 11 2002

Well: FRY 1-2		Schlumberger Location: Ulysses, KS		Job Start: 2002-Aug-24	
Field: HASKELL	Formation Name/Type: <del>Confidential</del>	Deviation: 18.2738	Bit Size: in	Well MD: 1,742 ft	Well TVD: 1,742 ft
County: HASKELL	State/Province: <del>Confidential</del>	BHP: psi	BHST: °F	BHCT: °F	Pore Press. Gradient: psi/ft
Well Master: 0630441607	API / UW:	Casing/Liner			
Rig Name: Cheyenne Rig 11	Drilled For: Gas	Service Via: Land	Depth, ft: 1740	Size, in: 8.63	Weight, lb/ft: 24
Offshore Zone:	Well Class: New	Well Type: Development	Grade: K55	Thread: 8RD	
Drilling Fluid Type:	Max. Density: lb/gal	Plastic Vt: cp	Tubing/Drill Pipe		
Service Line: Cementing	Job Type: Cem Surface Casing		Depth, ft:	Size, in:	Weight, lb/ft:
Max. Allowed Tubing Pressure: psi	Max. Allowed Ann. Pressure: psi	Wellhead Connection:	Perforations/Open Hole		
Service Instructions: Safely cement surface casing as per customer request			Top, ft:	Bottom, ft:	spf:
			No. of Shots:	Total Interval: ft	
					Diameter: in
			Treat Down Casing:	Displacement: 110.6 bbl	Packer Type:
			Tubing Vol.:	Casing Vol.:	Annular Vol.:
			bbl	bbl	bbl
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>	Casing Tools		Squeeze Job
Lift Pressure: psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type:	Squeeze Type:	
No. Centralizers: Top Plugs: Bottom Plugs:			Shoe Depth: ft	Tool Type:	
Cement Head Type:			Stage Tool Type:	Tool Depth: ft	
Job Scheduled For:	Arrived on Location:	Leave Location:	Stage Tool Depth: ft	Tail Pipe Size: in	
			Collar Type:	Tail Pipe Depth: ft	
			Collar Depth: ft	Sqz Total Vol: bbl	

**Release From Confidential**  
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**KCC WICHITA**

Date	Time	Treating Pressure	CMT RATE	CMT VOL	CMT DENS	CMT CEMENT VOL	0	0	Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl	0	0	
2002-Aug-24	2:53	0	0.0	0.0	8.28	0.0	0	0	
2002-Aug-24	2:53	0	0.0	0.0	8.28	0.0	0	0	
2002-Aug-24	2:53	5	0.0	0.0	8.28	0.0	0	0	
2002-Aug-24	2:53	5	0.0	0.0	8.28	0.0	0	0	
2002-Aug-24	2:53								Start Job
2002-Aug-24	2:53								Start Job
2002-Aug-24	2:53								Start Pumping Spacer
2002-Aug-24	2:53	5	0.0	0.0	8.28	0.0	0	0	
2002-Aug-24	2:53								Start Pumping Spacer
2002-Aug-24	2:53	5	0.0	0.0	8.28	0.0	0	0	
2002-Aug-24	2:58	142	6.5	16.6	9.05	0.0	0	0	
2002-Aug-24	2:58	142	6.5	16.6	9.05	0.0	0	0	
2002-Aug-24	2:58	165	6.5	17.3	9.92	0.0	0	0	
2002-Aug-24	2:58								End Spacer
2002-Aug-24	2:58	165	6.5	17.3	9.92	0.0	0	0	
2002-Aug-24	2:58								End Spacer
2002-Aug-24	2:58	179	6.5	17.7	10.75	0.0	0	0	
2002-Aug-24	2:58								Start Mixing Lead Slurry
2002-Aug-24	2:58	179	6.5	17.7	10.75	0.0	0	0	
2002-Aug-24	2:58								Start Mixing Lead Slurry
2002-Aug-24	2:58								Reset Total, Vol = 17.82 bbl
2002-Aug-24	2:58	179	6.5	17.8	10.76	0.1	0	0	

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Well		Field			Service Date		Customer		Job Number
FRY #1-2					02236-Aug-24		OXY USA, INC.		2205440484
Date	Time	Treating Pressure	CMT RATE	CMT VOL	CMT DENS	CMT CEMENT VOL	0	0	Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl	0	0	
2002-Aug-24	2:58								Reset Total, Vol = 1782 bbl
2002-Aug-24	2:58	179	6.5	17.8	10.76	0.1	0	0	KCC
2002-Aug-24	3:03	183	6.8	31.9	12.11	31.9	0	0	DEC 11 2002
2002-Aug-24	3:03	183	6.8	31.9	12.11	31.9	0	0	CONFIDENTIAL
2002-Aug-24	3:08	188	6.8	66.0	11.94	66.0	0	0	
2002-Aug-24	3:08	188	6.8	66.0	11.94	66.0	0	0	
2002-Aug-24	3:11								good circulation to pit
2002-Aug-24	3:11								good circulation to pit
2002-Aug-24	3:11	183	6.9	84.6	12.56	84.6	0	0	
2002-Aug-24	3:11	183	6.9	84.6	12.56	84.6	0	0	Release
2002-Aug-24	3:13	197	6.9	100.4	12.26	100.4	0	0	JAN 16 2005
2002-Aug-24	3:13	197	6.9	100.4	12.26	100.4	0	0	From
2002-Aug-24	3:18	146	6.1	133.7	12.14	133.8	0	0	Confidential
2002-Aug-24	3:18	146	6.1	133.7	12.14	133.8	0	0	
2002-Aug-24	3:23	179	6.6	165.4	12.38	165.4	0	0	
2002-Aug-24	3:23	179	6.6	165.4	12.38	165.4	0	0	
2002-Aug-24	3:28	124	5.0	198.1	12.74	198.1	0	0	
2002-Aug-24	3:28	124	5.0	198.1	12.74	198.1	0	0	
2002-Aug-24	3:33	275	6.4	227.9	15.33	227.9	0	0	KCC WICHTA
2002-Aug-24	3:33	275	6.4	227.9	15.33	227.9	0	0	
2002-Aug-24	3:38	0	0.0	234.9	13.54	235.0	0	0	DEC 13 2002
2002-Aug-24	3:38	0	0.0	234.9	13.54	235.0	0	0	RECEIVED
2002-Aug-24	3:43	0	0.0	234.9	13.05	235.0	0	0	
2002-Aug-24	3:43	0	0.0	234.9	13.05	235.0	0	0	
2002-Aug-24	3:44	0	0.0	234.9	13.09	235.0	0	0	
2002-Aug-24	3:44	0	0.0	234.9	13.09	235.0	0	0	
2002-Aug-24	3:44								End Lead Slurry
2002-Aug-24	3:44								End Lead Slurry
2002-Aug-24	3:44	0	0.0	234.9	13.09	235.0	0	0	
2002-Aug-24	3:44								Drop Top Plug
2002-Aug-24	3:44	0	0.0	234.9	13.09	235.0	0	0	
2002-Aug-24	3:44								Drop Top Plug
2002-Aug-24	3:44								Start Displacement
2002-Aug-24	3:44								Start Displacement
2002-Aug-24	3:44	0	0.0	234.9	13.09	235.0	0	0	
2002-Aug-24	3:44	0	0.0	234.9	13.09	235.0	0	0	
2002-Aug-24	3:44	0	0.0	234.9	13.09	235.0	0	0	
2002-Aug-24	3:44								Reset Total, Vol = 234.91 bbl
2002-Aug-24	3:44								Reset Total, Vol = 234.91 bbl
2002-Aug-24	3:44	0	0.0	234.9	13.09	235.0	0	0	
2002-Aug-24	3:46	87	4.6	2.9	9.38	0.0	0	0	
2002-Aug-24	3:46								Reset Total, Vol = 2.90 bbl
2002-Aug-24	3:46								Reset Total, Vol = 2.90 bbl
2002-Aug-24	3:46	87	4.6	2.9	9.38	0.0	0	0	
2002-Aug-24	3:48	73	5.3	17.2	8.29	0.0	0	0	
2002-Aug-24	3:48	73	5.3	17.2	8.29	0.0	0	0	
2002-Aug-24	3:53	110	5.3	43.9	8.29	0.0	0	0	
2002-Aug-24	3:53	110	5.3	43.9	8.29	0.0	0	0	
2002-Aug-24	3:57								End Displacement
2002-Aug-24	3:57	206	5.3	66.3	8.28	0.0	0	0	
2002-Aug-24	3:57								End Displacement
2002-Aug-24	3:57	206	5.3	66.3	8.28	0.0	0	0	
2002-Aug-24	3:58	243	5.3	69.7	8.28	0.0	0	0	
2002-Aug-24	3:58								cement to surface 42 bbl returns

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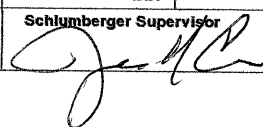
Well		Field		Service Date		Customer		Job Number	
FRY #1-2				02236-Aug-24		OXY USA, INC.		2205440484	
Date	Time	Treating Pressure	CMT RATE	CMT VOL	CMT DENS	CMT CEMENT VOL	0	0	Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl	0	0	
2002-Aug-24	3:58	243	5.3	69.7	8.28	0.0	0	0	
2002-Aug-24	3:58								cement to surface 42 bbl returns
2002-Aug-24	3:58	275	5.3	70.7	8.28	0.0	0	0	
2002-Aug-24	3:58	275	5.3	70.7	8.28	0.0	0	0	
2002-Aug-24	4:03	371	3.2	91.9	8.28	0.0	0	0	
2002-Aug-24	4:03	371	3.2	91.9	8.28	0.0	0	0	
2002-Aug-24	4:08	357	0.0	106.0	8.28	0.0	0	0	
2002-Aug-24	4:08	357	0.0	106.0	8.28	0.0	0	0	
2002-Aug-24	4:10								Bump Top Plug
2002-Aug-24	4:10	1227	0.0	109.6	8.29	0.0	0	0	
2002-Aug-24	4:10	1227	0.0	109.6	8.29	0.0	0	0	
2002-Aug-24	4:10								Bump Top Plug
2002-Aug-24	4:10								Bleed Off Pressure
2002-Aug-24	4:10								Bleed Off Pressure
2002-Aug-24	4:10	1227	0.0	109.6	8.20	0.0	0	0	
2002-Aug-24	4:10	1227	0.0	109.6	8.20	0.0	0	0	
2002-Aug-24	4:13	0	0.0	109.6	8.46	0.0	0	0	
2002-Aug-24	4:13	0	0.0	109.6	8.46	0.0	0	0	
2002-Aug-24	4:18	5	0.0	109.6	8.28	0.0	0	0	
2002-Aug-24	4:18	5	0.0	109.6	8.28	0.0	0	0	

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Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
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	Cement Circulated to Surface? Volume		bbl	
%	bbl	bbl	°F	<input type="checkbox"/>		To ft	
Customer or Authorized Representative			Schlumberger Supervisor		<input type="checkbox"/> Circulation Lost		
Gregg, Fillpot,					<input type="checkbox"/> Job Completed		
			Camargo, Jose				

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KCC WICHITA

**Schlumberger** CONFIDENTIAL

**CONFIDENTIAL**  
Service Order

**ORIGINAL**

2002-Sep-03

Company <b>OXY USA, INC.</b>		Person Taking Call <b>Roach, Daniel</b>		Well Location <b>Ulysses, KS</b>		Order Date <b>2002-Sep-04</b>		Job Number <b>2205440489</b>		
Well Name and Number <b>FRY 1-2</b>			Legal Location		Field		County <b>Haskell</b>		State/Province <b>KS</b>	
Well Number: <b>0630441607</b>			API / UWI:							
Rig Name <b>Murphin</b>			Well Age <b>New</b>		Sales Engineer <b>Roach, Daniel</b>			Job Type <b>BlkSgz Rpr Interm.Casing</b>		
Time Well Ready:		Deviation <b>0</b>	Bit Size <b>in</b>		Well ID <b>ft</b>	Well TVD <b>ft</b>		BHP <b>psi</b>	BHST <b>°F</b>	BHCT <b>°F</b>
Treat Down <b>Casing</b>	Packer Type	Packer Depth <b>ft</b>		Wellhead Connection		HHP on Location <b>0</b>	Max Allowed Pressure		Max Allowed Ann Pressure	
<b>Casing</b>					<b>Services Instructions:</b> Safety cement production casing as per customer's request  10 bbls water ahead - 10 bbls CW 100 - 135 Sks Cement Blend - displace					
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread						
<b>Tubing</b>					<b>Extra Equipment:</b> <div style="text-align: right;"> <b>KCC</b>                      RECEIVED                      DEC 11 2002                      DEC 13 2002                      CONFIDENTIAL                      KCC WICHITA                 </div>					
Depth,	Size, in	Weight, lb/ft	Grade	Thread						
0	0	0								
<b>Perforated Intervals</b>					Diameter BPP					
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval <b>ft</b>						
0		0								
<b>Expected On Location:</b>					<b>Ready To Pump:</b>					

Contact	Voice	Mobile	FAX	Notes
Gregg Zerr	620-356-7531			
Cal Wiley				

**Notes:**

**Directions:**  
 Uls 17 East on 160 North to Hitch Feeders 5 east 1N .5 W .5 N east into

**Other Notes:**



Comments:

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**Fluid Systems:**

CW100			
<b>.5 GALS D 122A + .25 GALS J237 + 41.25 GALS H2O PER BBL</b>			
<b>Density:</b>	lb/gal	<b>Thickening Time:</b>	
<b>Yield:</b>	ft <sup>3</sup> /sk		
<b>H2O Mix:</b>	0 gal/sk		
<b>H2O:</b>	420 gal	<b>Eq. Sack Weight:</b>	0 lb
		<b>Total Blend:</b>	0 sacks
Dowell Code	Conc/ Amount	Total Quantity	
J237A	5 gal	5	
D122A	5 gal	5	

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Tail			
<b>135 Sks - 50/50 Poz+ 2 % BWOB D020 + 5 lbs/sk D053 + 3 % M117 BWOW + 0.5% D060</b>			
<b>Density:</b>	13.8 lb/gal	<b>Thickening Time:</b>	
<b>Yield:</b>	1.55 ft <sup>3</sup> /sk		
<b>H2O Mix:</b>	7.1 gal/sk		
<b>H2O:</b>	958.5 gal	<b>Eq. Sack Weight:</b>	86.5 lb
		<b>Total Blend:</b>	135 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D060	0.5 % BWOB	58.3875	
M117	3 % BWOW	239.8167	
D053	5 lbs/sk	675	
D046	0.2 % BWOB	23.355	
D020	2 % BWOB	233.55	
D032	39.5 lbs/sk	5332.5	
D809	47 lbs/sk	6345	

**Schlumberger**  
**CONFIDENTIAL**

**Cementing Service Report**

**ORIGINAL**

Customer <b>OXY USA, INC.</b>	<b>KCC</b>	Job Number <b>2205440489</b>
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Well <b>FRY 1-2</b>	Location (Legal) <b>DEC 11 2002</b>	Schlumberger Location <b>Ulysses, KS</b>	Job Start <b>2002-Sep-04</b>
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Field	Formation Name/Type <b>CONFIDENTIAL</b>	Deviation	Bit Size <b>in</b>	Well MD <b>3,130 ft</b>	Well TVD <b>3,130 ft</b>
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County <b>Haskell</b>	State/Province <b>KS</b>	BHP <b>psi</b>	BHST <b>°F</b>	BHCT <b>°F</b>	Form Press. Gradient <b>psi/ft</b>
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Well Master: <b>0630441607</b>	API / UWI:	Casing/Liner			
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Rig Name <b>Murphin</b>	Drilled For <b>Gas</b>	Service Via <b>Land</b>	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
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Offshore Zone	Well Class <b>New</b>	Well Type <b>Exploration</b>	Tubing/Drill Pipe				
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Drilling Fluid Type	Max. Density <b>lb/gal</b>	Plastic Viscosity <b>cp</b>	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
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Service Line <b>Cementing</b>	Job Type <b>BikSqz Rpr Intern. Casing</b>	Perforations/Open Hole				
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Max. Allowed Tubing Pressure <b>500 psi</b>	Max. Allowed Ann. Pressure <b>psi</b>	WellHead Connection <b>2 3/8" 4.7# T/S</b>	Top, ft	Bottom, ft	spf	No. of Shots	Total Interval <b>ft</b>
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Service Instructions <b>Safely cement production casing as per customer's request.</b>				Diameter <b>in</b>	
<b>10 bbls water ahead - 10 bbls CW 100 - 135 Sks Cement Blend - displace</b>		Treat Down <b>Casing</b>	Displacement <b>11.7 bbl</b>	Packer Type	Packer Depth <b>ft</b>
		Tubing Vol. <b>12.1 bbl</b>	Casing Vol. <b>bbl</b>	Annular Vol. <b>bbl</b>	Open Hole Vol. <b>bbl</b>

Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>	Casing Tools		Squeeze Job	
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Lift Pressure: <b>psi</b>	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type:	Squeeze Type
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No. Centralizers:	Top Plugs:	Bottom Plugs:	Shoe Depth: <b>ft</b>	Tool Type:
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Cement Head Type:	Stage Tool Type:	Tool Depth: <b>0 ft</b>
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Job Scheduled For:	Arrived on Location: <b>2002-Sep-04 12:00</b>	Leave Location: <b>2002-Sep-04 16:00</b>	Stage Tool Depth: <b>ft</b>	Tail Pipe Size: <b>0 in</b>
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			Collar Type:	Tail Pipe Depth: <b>0 ft</b>
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			Collar Depth: <b>ft</b>	Sqr Total Vol: <b>0 bbl</b>
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Date	Time	Treating Pressure <b>psi</b>	Flow Rate <b>bbl/min</b>	Density <b>lb/gal</b>	Volume <b>bbl</b>				Message
2002-Sep-04	13:31	-15	0.0	8.26	0.0	0	0	0	
2002-Sep-04	13:32	-15	0.0	8.26	0.0	0	0	0	
2002-Sep-04	13:33	-15	0.0	8.26	0.0	0	0	0	
2002-Sep-04	13:34	-15	0.0	8.26	0.0	0	0	0	
2002-Sep-04	13:35	-15	0.0	8.26	0.0	0	0	0	
2002-Sep-04	13:36	379	0.5	8.25	0.5	0	0	0	
2002-Sep-04	13:36	-15	0.0	8.25	0.5	0	0	0	
2002-Sep-04	13:37	-15	0.0	8.25	0.5	0	0	0	
2002-Sep-04	13:38	-15	0.0	8.25	0.5	0	0	0	
2002-Sep-04	13:39	-15	0.0	8.25	0.5	0	0	0	
2002-Sep-04	13:40	-15	0.0	8.25	0.5	0	0	0	
2002-Sep-04	13:41	-15	0.0	8.25	0.5	0	0	0	
2002-Sep-04	13:41	-15	0.0	8.25	0.5	0	0	0	
2002-Sep-04	13:42	-15	0.0	8.25	0.5	0	0	0	
2002-Sep-04	13:42	-15	0.0	8.25	0.5	0	0	0	
2002-Sep-04	13:42								Pressure Test Lines
2002-Sep-04	13:42	-15	0.0	8.25	0.5	0	0	0	
2002-Sep-04	13:42								Pressure Test Lines
2002-Sep-04	13:43	95	1.4	8.26	0.6	0	0	0	
2002-Sep-04	13:44	539	0.0	8.26	0.9	0	0	0	
2002-Sep-04	13:44								Bleed Off Pressure
2002-Sep-04	13:44	535	0.0	8.26	0.9	0	0	0	

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DEC 13 2002  
KCC WICHITA

Well		Field				Service Date		Customer		Job Number				
FRY #12		<b>CONFIDENTIAL</b>				02247-Sep-04		OXY USA, INC.		2205440489				
Date	Time 24 hr clock	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message					
2002-Sep-04	13:45	-15	0.0	8.26	0.9	0	0	0	<b>ORIGINAL</b>					
2002-Sep-04	13:46	-15	0.0	8.26	0.9	0	0	0						
2002-Sep-04	13:46	-10	0.0	8.26	0.9	0	0	0						
2002-Sep-04	13:47	-15	0.0	8.26	0.9	0	0	0						
2002-Sep-04	13:48	-15	0.0	8.26	0.9	0	0	0						
2002-Sep-04	13:49	-19	0.0	8.26	0.9	0	0	0						
2002-Sep-04	13:50	-15	0.0	8.26	0.9	0	0	0						
2002-Sep-04	13:51	-19	0.0	8.26	0.9	0	0	0						
2002-Sep-04	13:51											<b>CONFIDENTIAL</b>		
2002-Sep-04	13:51	-15	0.0	8.26	0.9	0	0	0						
2002-Sep-04	13:51	182	1.1	8.26	1.1	0	0	0	Pressure Test Lines					
2002-Sep-04	13:52	1180	0.0	8.26	1.4	0	0	0						
2002-Sep-04	13:52	1171	0.0	8.26	1.4	0	0	0	Bleed Off Pressure					
2002-Sep-04	13:52													
2002-Sep-04	13:53	-1	0.0	8.26	1.4	0	0	0	Start Pumping Spacer					
2002-Sep-04	13:54	-1	0.0	8.26	1.4	0	0	0						
2002-Sep-04	13:55	-1	0.0	8.26	1.4	0	0	0						
2002-Sep-04	13:55	27	0.0	8.26	1.4	0	0	0						
2002-Sep-04	13:55													
2002-Sep-04	13:55	219	1.4	8.27	1.6	0	0	0	Reset Total, Vol = 1.59 bbl					
2002-Sep-04	13:55													
2002-Sep-04	13:56	329	2.2	8.27	1.3	0	0	0	RECEIVED DEC 13 2002 KCC MICHITA					
2002-Sep-04	13:56	292	2.2	8.27	3.1	0	0	0						
2002-Sep-04	13:57	269	2.2	8.27	5.0	0	0	0						
2002-Sep-04	13:58	265	2.2	8.27	6.8	0	0	0						
2002-Sep-04	13:59	278	2.2	8.27	8.7	0	0	0						
2002-Sep-04	14:00	283	2.2	8.27	10.5	0	0	0						
2002-Sep-04	14:01	292	2.2	8.28	12.4	0	0	0						
2002-Sep-04	14:01	297	2.2	8.33	14.2	0	0	0						
2002-Sep-04	14:02	310	2.2	8.29	16.0	0	0	0						
2002-Sep-04	14:03	320	2.2	8.29	17.9	0	0	0						
2002-Sep-04	14:04	297	1.9	8.29	19.7	0	0	0	End Spacer					
2002-Sep-04	14:05	310	2.0	8.29	21.4	0	0	0						
2002-Sep-04	14:05								Reset Total, Vol = 21.93 bbl					
2002-Sep-04	14:05	36	0.0	8.28	21.9	0	0	0						
2002-Sep-04	14:06	40	0.0	8.28	21.9	0	0	0	Reset Total, Vol = 0.00 bbl					
2002-Sep-04	14:06													
2002-Sep-04	14:06	45	0.0	8.28	0.0	0	0	0	Reset Total, Vol = 0.00 bbl					
2002-Sep-04	14:06	49	0.0	8.28	0.0	0	0	0						
2002-Sep-04	14:07								Start Mixing Lead Slurry					
2002-Sep-04	14:07	49	0.0	6.37	0.0	0	0	0						
2002-Sep-04	14:07	49	0.0	10.56	0.0	0	0	0	Reset Total, Vol = 0.00 bbl					
2002-Sep-04	14:08	59	0.0	14.40	0.0	0	0	0						
2002-Sep-04	14:09	59	0.0	13.96	0.0	0	0	0	Start Mixing Lead Slurry					
2002-Sep-04	14:10	59	0.0	13.95	0.0	0	0	0						
2002-Sep-04	14:10	81	0.0	13.95	0.0	0	0	0	Reset Total, Vol = 0.00 bbl					
2002-Sep-04	14:10													
2002-Sep-04	14:10	95	0.2	13.95	0.0	0	0	0	Reset Total, Vol = 0.00 bbl					
2002-Sep-04	14:11	530	2.5	14.64	0.7	0	0	0						
2002-Sep-04	14:11	77	2.1	15.13	2.6	0	0	0	Reset Total, Vol = 0.00 bbl					
2002-Sep-04	14:12	320	2.2	14.11	4.5	0	0	0						
2002-Sep-04	14:13	72	2.3	14.52	6.4	0	0	0	Reset Total, Vol = 0.00 bbl					
2002-Sep-04	14:14	77	2.2	14.31	8.2	0	0	0						

Well		Field				Service Date		Customer		Job Number	
FRY #1-2		<b>CONFIDENTIAL</b>				02247-Sep-04		OXY USA, INC.		2205440489	
Date	Time	Trating Pressure	Flow Rate	Density	Volume	0	0	0	Message		
	24 hr clock	psd	bbl/min	lb/gal	bbl	0	0	0	<b>ORIGINAL</b>		
2002-Sep-04	14:15	72	2.2	14.59	10.1	0	0	0	KCC		
2002-Sep-04	14:16	72	2.2	13.82	12.0	0	0	0	DEC 11 2002		
2002-Sep-04	14:16	68	1.8	14.08	13.6	0	0	0	<b>CONFIDENTIAL</b>		
2002-Sep-04	14:17	68	2.9	13.90	15.5	0	0	0			
2002-Sep-04	14:18	72	3.3	14.45	18.1	0	0	0			
2002-Sep-04	14:19	72	3.3	14.11	20.9	0	0	0			
2002-Sep-04	14:20	72	3.3	13.82	23.7	0	0	0			
2002-Sep-04	14:21	72	3.3	13.91	26.6	0	0	0			
2002-Sep-04	14:21	72	3.3	13.93	29.3	0	0	0			
2002-Sep-04	14:22	72	3.3	14.03	32.1	0	0	0			
2002-Sep-04	14:23	72	3.3	14.08	34.9	0	0	0			
2002-Sep-04	14:24	86	3.3	14.25	37.6	0	0	0			
2002-Sep-04	14:25	86	3.3	14.23	40.4	0	0	0			
2002-Sep-04	14:26	81	3.3	14.23	43.2	0	0	0			
2002-Sep-04	14:26	-19	0.0	14.17	43.6	0	0	0	End Lead Slurry		
2002-Sep-04	14:26	-19	0.0	14.17	43.6	0	0	0	Start Displacement		
2002-Sep-04	14:26								Reset Total, Vol = 43.59 bbl		
2002-Sep-04	14:26	-19	0.0	14.16	43.6	0	0	0			
2002-Sep-04	14:26	-24	0.0	12.30	0.0	0	0	0			
2002-Sep-04	14:27	49	2.9	8.74	1.5	0	0	0			
2002-Sep-04	14:28	49	2.9	8.73	3.9	0	0	0			
2002-Sep-04	14:29	49	2.9	8.71	6.4	0	0	0			
2002-Sep-04	14:30	49	2.9	8.31	8.8	0	0	0			
2002-Sep-04	14:31	45	2.9	8.29	11.2	0	0	0			
2002-Sep-04	14:31	49	2.9	8.29	13.6	0	0	0			
2002-Sep-04	14:32	45	2.9	8.29	16.1	0	0	0	DEC 13 2002		
2002-Sep-04	14:33	905	5.3	8.29	18.6	0	0	0	KCC W/CHINA		
2002-Sep-04	14:34	283	1.4	8.27	19.8	0	0	0			
2002-Sep-04	14:35	361	1.4	8.42	21.0	0	0	0			
2002-Sep-04	14:36	237	0.0	8.40	22.0	0	0	0			
2002-Sep-04	14:36	219	0.0	8.38	22.0	0	0	0			
2002-Sep-04	14:37	631	1.0	8.38	22.1	0	0	0			
2002-Sep-04	14:38	246	0.0	8.37	22.2	0	0	0			
2002-Sep-04	14:38	246	0.0	8.37	22.2	0	0	0			
2002-Sep-04	14:38								Reset Total, Vol = 22.19 bbl		
2002-Sep-04	14:38	246	0.0	8.37	0.0	0	0	0	End Displacement		
2002-Sep-04	14:38								Pressure Test Lines		
2002-Sep-04	14:39	1111	0.0	8.35	0.3	0	0	0			
2002-Sep-04	14:40	416	0.0	8.35	0.3	0	0	0			
2002-Sep-04	14:41	-24	0.0	8.35	0.3	0	0	0			
2002-Sep-04	14:41	-24	0.0	8.35	0.3	0	0	0			
2002-Sep-04	14:42	-24	0.0	8.35	0.3	0	0	0			
2002-Sep-04	14:43	-24	0.0	8.35	0.3	0	0	0			
2002-Sep-04	14:44	-24	0.0	8.35	0.3	0	0	0			
2002-Sep-04	14:45	-24	0.0	8.33	0.3	0	0	0			
2002-Sep-04	14:46	-24	0.0	8.32	0.3	0	0	0			
2002-Sep-04	14:46	-24	0.0	8.32	0.3	0	0	0			
2002-Sep-04	14:47	-24	0.0	8.31	0.3	0	0	0			
2002-Sep-04	14:48	-24	0.0	8.30	0.3	0	0	0			
2002-Sep-04	14:49								REVERSE OUT		

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Well		Field		Service Date		Customer		Job Number		
FRY #1-2				02247-Sep-04		OXY USA, INC.		2205440488		
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbt/min	lb/gal	bbt	0	0	0		
2002-Sep-04	14:49	-24	0.0	8.29	0.3	0	0	0	<b>ORIGINAL</b>	
2002-Sep-04	14:49	-24	0.0	8.29	0.3	0	0	0		
2002-Sep-04	14:50	320	2.2	8.31	0.4	0	0	0		
2002-Sep-04	14:51	526	2.4	8.32	2.4	0	0	0		
2002-Sep-04	14:51	526	2.5	8.31	4.4	0	0	0		
2002-Sep-04	14:52	521	2.5	8.28	6.4	0	0	0		
2002-Sep-04	14:53	503	2.4	8.28	8.5	0	0	0		
2002-Sep-04	14:54	489	2.4	8.28	10.5	0	0	0		
2002-Sep-04	14:55	356	2.5	8.29	12.6	0	0	0		
2002-Sep-04	14:56	315	2.5	8.30	14.6	0	0	0		
2002-Sep-04	14:56	310	2.5	8.28	16.7	0	0	0		
2002-Sep-04	14:57	315	2.5	8.28	18.8	0	0	0		
2002-Sep-04	14:58	320	2.5	8.28	20.8	0	0	0		
2002-Sep-04	14:59	315	2.5	8.28	22.9	0	0	0		
2002-Sep-04	15:00	315	2.5	8.28	25.0	0	0	0		
2002-Sep-04	15:01	324	2.5	8.28	27.0	0	0	0		
2002-Sep-04	15:01	320	2.5	8.28	29.1	0	0	0		
2002-Sep-04	15:02	-24	0.0	8.28	30.1	0	0	0		
2002-Sep-04	15:02									Stop Pumping
2002-Sep-04	15:02									Shutdown
2002-Sep-04	15:02	-24	0.0	8.28	30.1	0	0	0		
2002-Sep-04	15:02	-28	0.0	8.28	30.1	0	0	0		

**Post Job Summary**

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	slud	Spacer	N2
2.4			3.8	37		20	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bubble Plug to Breakdown	Volume	Density		
450	350	233			0	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume 0 bbl <input type="checkbox"/> Washed Thru Perfs To ft			
%	37 bbl	11.7 bbl	78 °F				
Customer or Authorized Representative			Schlumberger Supervisor		<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		
<i>Gregg. Fillpot</i>			<i>[Signature]</i>		Strano, Douglas		

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**Service Order**

**ORIGINAL**

2002-Aug-29

Customer <b>OXY USA, INC.</b>		Person Taking Call <b>Roach, Daniel</b>		Dowell Location <b>Ulysses, KS</b>		Order Date <b>2002-Aug-28</b>		Job Number <b>2205440622</b>	
Well Name and Number <b>FRY 1-2</b>			Legal Location		Field		County <b>Haskell</b>		State/Province <b>KS</b>
Well Master: <b>0630441607</b>			API / UWI:						
Rig Name <b>Murphin</b>		Well Age <b>New</b>		Sales Engineer <b>Cambern, Charles</b>			Job Type <b>Cem Prod Casing</b>		
Time Well Ready:		Deviation <b>0</b>	Bit Size <b>in</b>	Well MD <b>5,400 ft</b>	Well TVD <b>5,400 ft</b>	BHP <b>psi</b>	BHST <b>°F</b>	BHCT <b>°F</b>	
Treat Down <b>Casing</b>	Packer Type	Packer Depth <b>ft</b>	Wellhead Connection		HHP on Location <b>0</b>	Max Allowed Pressure <b>1100</b>		Max Allowed Ann Pressure	
<b>Casing</b>					<b>Services Instructions:</b> Safely cement production casing as per customer's request  <b>KCC</b> <b>DEC 11 2002</b>				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
5400	4.5	13.5	K55	HYD					
<b>Tubing</b>					<b>Extra Equipment:</b> 1 - 5 1/2" Guide Shoe, Cement Type 1 - 5 1/2" Orifice fill insert, Flapper type 10 - 5 1/2" Regular Centralizers 6 - 5 1/2" Centralizers, Deflector Type 1 - 5 1/2" Hinge Type Stop Ring 1 - 5 1/2" Top Plastic Plug 1 - 5 1/2" Bottom Plug				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
0	0	0							
<b>Perforated Intervals</b>					<b>CONFIDENTIAL</b> <b>RECEIVED</b> <b>DEC 13 2002</b> <b>KCC WICHITA</b>				
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval <b>ft</b>					
0		0		Diameter <b>in</b>					
<b>Expected On Location:</b>					<b>Ready To Pump:</b>				

Contact	Voice	Mobile	FAX	Notes
Fillpot, Gregg		620-353-8869		

**Notes:**  
 5 1/2 Head, Swedge and Manifold  
 30 Sks lead @ 10 ppg - 245 Sks tail @ 13.8 ppg - 15 rat @ 13.8 ppg - 10 mouse @ 13.8 ppg

**Directions:**  
 Uks 17 East on 160 North to Hitch Feeders 5 east 1N .5 W .5 N east into

**Other Notes:**  
 24 - 5 1/2" Wire Scratchers

Comments:

Fluid Systems:

CW100			
.5 GALS D 122A + .25 GALS J237 + 41.25 GALS H2O PER BBL			
Density:	lb/gal	Thickening Time:	
Yield:	ft <sup>3</sup> /sk		
H2O Mix:	gal/sk		
H2O:	420 gal	Eq. Sack Weight:	0 lb
		Total Blend:	0 sacks
Dowell Code	Conc/Amount	Total Quantity	
J237A	5 gal	5	
D122A	5 gal	5	

tail			
210sks 50/50 Pac2+2 % BWOB D020+5 lbs/sk D053+5 lbs/sk D042+3 % M117BWOW+.5%D060			
Density:	13.8 lb/gal	Thickening Time:	
Yield:	1.55 ft <sup>3</sup> /sk		
H2O Mix:	7.1 gal/sk		
H2O:	1491 gal	Eq. Sack Weight:	86.5 lb
		Total Blend:	210 sacks
Dowell Code	Conc/Amount	Total Quantity	
D060	0.5 % BWOB	90.825	
M117	3 % BWOW	373.0482	
D042	5 lbs/sk	1050	
D053	5 lbs/sk	1050	
D020	2 % BWOB	363.3	
D132	39.5 lbs/sk	8295	
D909	47 lbs/sk	9870	

Lead			
30 Sks Class H + 3% D079 + 0.2% D046			
Density:	10 lb/gal	Thickening Time:	
Yield:	5.26 ft <sup>3</sup> /sk		
H2O Mix:	35.99 gal/sk		
H2O:	2879.2 gal	Eq. Sack Weight:	94 lb
		Total Blend:	30 sacks
Dowell Code	Conc/Amount	Total Quantity	
D909	94 lbs/sk	7520	
D046	0.2 % BWOB	15.04	
D079	3 % BWOB	225.6	

rat&mouse			
25 Sks Class H + 3% D079 + 0.2% D046			
Density:	12.5 lb/gal	Thickening Time:	
Yield:	2.11 ft <sup>3</sup> /sk		
H2O Mix:	12.082 gal/sk		
H2O:	302.05 gal	Eq. Sack Weight:	94 lb
		Total Blend:	25 sacks
Dowell Code	Conc/Amount	Total Quantity	
D909	94 lbs/sk	2350	
D046	0.2 % BWOB	4.7	
D079	3 % BWOB	70.5	

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Customer <b>OXY USA, INC.</b>		Job Number <b>2205440622</b>							
Well <b>FRY 1-2</b>		Location (legal) <b>Ulysses, KS</b>							
Field <b>Haskell</b>		Schlumberger Location <b>Ulysses, KS</b>							
Formation Name/Type <b>0</b>		Job Start <b>2002-Aug-28</b>							
County <b>Haskell</b>		Well TVD <b>5,400 ft</b>							
State/Province <b>KS</b>		Pore Press. Gradient <b>psi/ft</b>							
Well Master: <b>0630441607</b>		API / UWI:							
Rig Name <b>Murphin</b>		Casing/Liner							
Drilled For <b>Gas</b>		Depth, ft <b>5400</b>							
Service Via <b>Land</b>		Size, in <b>4.5</b>							
Offshore Zone		Weight, lb/ft <b>13.5</b>							
Well Class <b>New</b>		Grade <b>K55</b>							
Well Type <b>Exploration</b>		Thread <b>HYD</b>							
Drilling Fluid Type <b>None</b>		Tubing/Drill Pipe							
Max. Density <b>9.1 lb/gal</b>		Depth, ft <b>0</b>							
Plastic Vh <b>24</b>		Size, in <b>0</b>							
Job Type <b>Cem Prod Casing</b>		Weight, lb/ft <b>0</b>							
Service Line <b>Cementing</b>		Grade <b>0</b>							
Max. Allowed Tubing Pressure <b>1100 psi</b>		Thread <b>0</b>							
Max. Allowed Ann. Pressure <b>psi</b>		Perforations/Open Hole							
Wellhead Connection		Top, ft <b>0</b>							
Service Instructions <b>Safely cement production casing as per customer's request</b>		Bottom, ft							
		api							
		No. of Shors							
		Total Interval <b>ft</b>							
		Diameter <b>in</b>							
		Treat Down <b>Casing</b>							
		Displacement <b>82.4 bbl</b>							
		Packer Type							
		Packer Depth <b>ft</b>							
		Tubing Vol <b>bbl</b>							
		Casing Vol <b>bbl</b>							
		Annular Vol <b>204 bbl</b>							
		Open Hole Vol <b>bbl</b>							
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>							
Lit Pressure: <b>800 psi</b>		Casing Tools							
Pipe Rotated <input type="checkbox"/>		Squeeze Job							
Pipe Reciprocated <input type="checkbox"/>		Shoe Type: <b>Guide</b>							
No. Centralizers: <b>20</b>		Shoe Depth: <b>5400 ft</b>							
Top Plug: <b>1</b>		Tool Type:							
Bottom Plug: <b>1</b>		Stage Tool Type:							
Cement Head Type: <b>Single</b>		Tool Depth: <b>0 ft</b>							
Job Scheduled For: <b>2002-Aug-28 22:40</b>		Stage Tool Depth: <b>ft</b>							
Arrived on Location: <b>2002-Aug-29 2:00</b>		Tail Pipe Size: <b>0 in</b>							
Leave Location:		Tail Pipe Depth: <b>0 ft</b>							
		Coiler Type: <b>Other</b>							
		Coiler Depth: <b>ft</b>							
		Sqz Total Vol: <b>0 bbl</b>							
Date	Time	Treating Pressure psi	CMT RATE bbl/min	CMT VOL bbl	CMT DENS lb/gal	CMT CEMENT VOL bbl	0	0	Message
2002-Aug-28	23:54	0	0.0	0.0	0.98	0.0	0	0	
2002-Aug-28	23:54	0	0.0	0.0	0.98	0.0	0	0	
2002-Aug-28	23:54	5	0.0	0.0	0.98	0.0	0	0	
2002-Aug-28	23:54	5	0.0	0.0	0.98	0.0	0	0	
2002-Aug-28	23:54								Start Job
2002-Aug-28	23:54								Start Job
2002-Aug-28	23:55	5	0.0	0.0	0.98	0.0	0	0	
2002-Aug-28	23:55	5	0.0	0.0	0.98	0.0	0	0	
2002-Aug-28	23:55								Pressure Test Lines
2002-Aug-28	23:55								Pressure Test Lines
2002-Aug-28	23:55								Reset Total, Vol = 0.00 bbl
2002-Aug-28	23:55								Reset Total, Vol = 0.00 bbl
2002-Aug-28	23:55	0	0.0	0.0	0.98	0.0	0	0	
2002-Aug-28	23:55	0	0.0	0.0	0.98	0.0	0	0	
2002-Aug-28	23:59	46	0.0	0.1	8.28	0.0	0	0	
2002-Aug-28	23:59	46	0.0	0.1	8.28	0.0	0	0	
2002-Aug-29	0:00	18	0.0	0.1	8.27	0.0	0	0	
2002-Aug-29	0:00								Bleed Off Pressure
2002-Aug-29	0:00								Bleed Off Pressure
2002-Aug-29	0:00	18	0.0	0.1	8.27	0.0	0	0	
2002-Aug-29	0:00								Start Pumping Spacer
2002-Aug-29	0:00	18	0.0	0.1	8.27	0.0	0	0	

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Well		Field		Service Date		Customer		Job Number	
FRY #1-2		CONFIDENTIAL		D2240-Aug-28		OXY USA, INC.		2205440622	
Date	Time	Treating Pressure	CMT RATE	CMT VOL	CMT DENS	CMT CEMENT VOL	0	0	Message
	24 hr clock	psi	bbbl/min	bbl	lb/gal	bbl	0	0	ORIGINAL
2002-Aug-29	0:00	18	0.0	0.1	8.27	0.0	0	0	
2002-Aug-29	0:00								Start Pumping Spacer
2002-Aug-29	0:00								Reset Total, Vol = 0.10 bbl
2002-Aug-29	0:00	18	0.0	0.1	8.27	0.0	0	0	
2002-Aug-29	0:00								Reset Total, Vol = 0.10 bbl
2002-Aug-29	0:00	18	0.0	0.1	8.27	0.0	0	0	
2002-Aug-29	0:04	60	0.0	4.7	8.28	0.0	0	0	KCC
2002-Aug-29	0:04	60	0.0	4.7	8.28	0.0	0	0	DEC 11 2002
2002-Aug-29	0:09	18	0.0	4.7	8.27	0.0	0	0	
2002-Aug-29	0:09	18	0.0	4.7	8.27	0.0	0	0	CONFIDENTIAL
2002-Aug-29	0:10	60	2.8	4.9	8.26	0.0	0	0	
2002-Aug-29	0:10	60	2.8	4.9	8.26	0.0	0	0	
2002-Aug-29	0:10								Reset Total, Vol = 4.87 bbl
2002-Aug-29	0:10								Reset Total, Vol = 4.87 bbl
2002-Aug-29	0:10								End Spacer
2002-Aug-29	0:10								End Spacer
2002-Aug-29	0:10	124	2.8	0.0	8.26	0.0	0	0	
2002-Aug-29	0:10	124	2.8	0.0	8.26	0.0	0	0	
2002-Aug-29	0:10	206	2.7	0.1	8.26	0.0	0	0	
2002-Aug-29	0:10								Drop Bottom Plug
2002-Aug-29	0:10	206	2.7	0.1	8.26	0.0	0	0	
2002-Aug-29	0:10								Drop Bottom Plug
2002-Aug-29	0:10								Start Mixing Scav Slurry
2002-Aug-29	0:10	229	2.8	0.3	8.28	0.0	0	0	
2002-Aug-29	0:10								Start Mixing Scav Slurry
2002-Aug-29	0:10	229	2.8	0.3	8.28	0.0	0	0	
2002-Aug-29	0:10	192	2.8	0.4	8.28	0.0	0	0	
2002-Aug-29	0:10								Reset Total, Vol = 0.41 bbl
2002-Aug-29	0:10								Reset Total, Vol = 0.41 bbl
2002-Aug-29	0:10	192	2.8	0.4	8.28	0.0	0	0	
2002-Aug-29	0:14	238	5.1	20.1	9.66	0.0	0	0	
2002-Aug-29	0:14	238	5.1	20.1	9.66	0.0	0	0	
2002-Aug-29	0:17								End Scavenger Slurry
2002-Aug-29	0:17								End Scavenger Slurry
2002-Aug-29	0:17	201	5.2	32.0	10.66	0.0	0	0	
2002-Aug-29	0:17	201	5.2	32.0	10.66	0.0	0	0	
2002-Aug-29	0:17	197	5.2	32.1	10.78	0.0	0	0	
2002-Aug-29	0:17	197	5.2	32.1	10.78	0.0	0	0	
2002-Aug-29	0:17								Start Mixing Tail Slurry
2002-Aug-29	0:17								Start Mixing Tail Slurry
2002-Aug-29	0:17								Reset Total, Vol = 32.31 bbl
2002-Aug-29	0:17								Reset Total, Vol = 32.31 bbl
2002-Aug-29	0:17	206	5.2	32.3	10.85	0.1	0	0	
2002-Aug-29	0:17	206	5.2	32.3	10.85	0.1	0	0	
2002-Aug-29	0:20	174	5.7	14.5	14.02	14.5	0	0	
2002-Aug-29	0:20	174	5.7	14.5	14.02	14.5	0	0	
2002-Aug-29	0:25	174	5.2	41.2	13.78	41.2	0	0	
2002-Aug-29	0:25	174	5.2	41.2	13.78	41.2	0	0	
2002-Aug-29	0:30	0	0.0	61.5	12.89	61.6	0	0	
2002-Aug-29	0:30	0	0.0	61.5	12.89	61.6	0	0	
2002-Aug-29	0:30								Reset Total, Vol = 61.54 bbl
2002-Aug-29	0:30								Reset Total, Vol = 61.54 bbl
2002-Aug-29	0:30	5	0.0	61.5	11.32	61.6	0	0	
2002-Aug-29	0:30	5	0.0	61.5	11.32	61.6	0	0	

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Well		Service Date				Customer		Job Number	
FRY #1-2		02240-Aug-28				OXY USA, INC.		2205440622	
Date	Time	Treating Pressure	CMT RATE	CMT VOL	CMT DENS	CMT CEMENT VOL	0	0	Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl	0	0	ORIGINAL
2002-Aug-29	0:33	5	0.0	64.3	8.28	64.3	0	0	
2002-Aug-29	0:33								Reset Total, Vol = 2.73 bbl
2002-Aug-29	0:33	5	0.0	64.3	8.28	64.3	0	0	
2002-Aug-29	0:33								Reset Total, Vol = 2.73 bbl
2002-Aug-29	0:33	5	0.0	0.0	8.28	0.0	0	0	
2002-Aug-29	0:33								Drop Top Plug
2002-Aug-29	0:33								Drop Top Plug
2002-Aug-29	0:33	5	0.0	0.0	8.28	0.0	0	0	
2002-Aug-29	0:33								Start Displacement
2002-Aug-29	0:33								Start Displacement
2002-Aug-29	0:33	5	0.0	0.0	8.28	0.0	0	0	
2002-Aug-29	0:33	5	0.0	0.0	8.28	0.0	0	0	
2002-Aug-29	0:36	78	5.4	7.4	8.27	0.0	0	0	
2002-Aug-29	0:36	78	5.4	7.4	8.27	0.0	0	0	
2002-Aug-29	0:41	82	5.4	34.2	8.27	0.0	0	0	
2002-Aug-29	0:41	82	5.4	34.2	8.27	0.0	0	0	
2002-Aug-29	0:44	69	5.4	49.2	8.28	0.0	0	0	
2002-Aug-29	0:44	69	5.4	49.2	8.28	0.0	0	0	
2002-Aug-29	0:44								glood circulation
2002-Aug-29	0:44								glood circulation
2002-Aug-29	0:47	375	5.3	61.2	8.28	0.0	0	0	
2002-Aug-29	0:47	375	5.3	61.2	8.28	0.0	0	0	
2002-Aug-29	0:52	600	2.9	78.2	8.28	0.0	0	0	
2002-Aug-29	0:52	600	2.9	78.2	8.28	0.0	0	0	
2002-Aug-29	0:53								Bleed Off Pressure
2002-Aug-29	0:53	1071	0.0	80.7	8.28	0.0	0	0	
2002-Aug-29	0:53								Bleed Off Pressure
2002-Aug-29	0:53	1071	0.0	80.7	8.28	0.0	0	0	
2002-Aug-29	0:53								Bump Top Plug
2002-Aug-29	0:53								Bump Top Plug
2002-Aug-29	0:53	1080	0.0	80.7	8.28	0.0	0	0	
2002-Aug-29	0:53	1080	0.0	80.7	8.28	0.0	0	0	
2002-Aug-29	0:54								End Displacement
2002-Aug-29	0:54	-5	0.0	80.7	8.27	0.0	0	0	
2002-Aug-29	0:54	-5	0.0	80.7	8.27	0.0	0	0	
2002-Aug-29	0:54								End Displacement
2002-Aug-29	0:54								Remark
2002-Aug-29	0:54								Remark
2002-Aug-29	0:54	-5	0.0	80.7	8.27	0.0	0	0	
2002-Aug-29	0:54	-5	0.0	80.7	8.27	0.0	0	0	
2002-Aug-29	0:55								cement rat and mouse
2002-Aug-29	0:55								cement rat and mouse
2002-Aug-29	0:55	-5	0.0	80.7	8.27	0.0	0	0	
2002-Aug-29	0:55	-5	0.0	80.7	8.27	0.0	0	0	
2002-Aug-29	0:57	5	0.0	80.7	8.27	0.0	0	0	
2002-Aug-29	0:57	5	0.0	80.7	8.27	0.0	0	0	
2002-Aug-29	1:02	0	0.0	80.7	10.08	0.0	0	0	
2002-Aug-29	1:02	0	0.0	80.7	10.08	0.0	0	0	
2002-Aug-29	1:07	0	0.0	82.5	12.24	0.0	0	0	
2002-Aug-29	1:07	0	0.0	82.5	12.24	0.0	0	0	
2002-Aug-29	1:12	0	0.0	88.4	8.31	0.0	0	0	
2002-Aug-29	1:12	0	0.0	88.4	8.31	0.0	0	0	
2002-Aug-29	1:14	174	4.7	89.3	8.48	0.0	0	0	
2002-Aug-29	1:14								End Job

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Well		Field		Service Date		Customer		Job Number	
FRY #1-2		CONFIDENTIAL		02240-Aug-28		OXY USA, INC.		2205440822	
Date	Time	Treating Pressure	CMT RATE	CMT VOL	CMT DENS	CMT CEMENT VOL	0	0	Message
	24 hr clock	psi	bbbl/min	bbbl	lb/gal	bbbl	0	0	ORIGINAL
2002-Aug-29	1:14								End Job
2002-Aug-29	1:14	174	4.7	89.3	8.48	0.0	0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	H2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	H2		
4.5			5.2	101		6.8		0	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
3000	3000	82		0	bbbl	lb/gal			
Avg. H2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp		<input type="checkbox"/> Cement Circulated to Surface?	Volume	0	bbbl	
%	92.4 bbl	80.5 bbl	58 °F		<input type="checkbox"/> Washed Thru Perfs	To	0	ft	
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> Circulation Lost		<input type="checkbox"/> Job Completed	
Gregg, Fillpot,			Camargo, Jose						

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Well		<b>CONFIDENTIAL</b>				Service Date	Customer		Job Number
FRY #1-2						02240-Aug-28	OXY USA, INC.		2205440622
Date	Time	Treating Pressure	CMT RATE	CMT VOL	CMT DENS	CMT CEMENT VOL			Message
	24 hr. clock	psi	bbbl/min	bbbl	lb/gal	bbbl	0	0	
2002-Aug-29	1:14						0	0	End Job
2002-Aug-29	1:14	174	4.7	89.3	8.48	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	
4.5			5.2		101		6.8	0	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume		Density		
3000	3000	82		0	bbl		lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume		<input type="checkbox"/> Washed Thru Perfs To		
%	92.4 bbl		10.5 bbl	58 °F	0 bbl		0 ft		
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> Circulation Lost		<input type="checkbox"/> Job Completed	
<i>Gregg, Fillpot</i>			<i>Camargo, Jose</i>						

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