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KCC
MAY 20 2005

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

Form ACO-1
September 1999

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WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

ORIGINAL

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: Duke Energy
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Cheyenne Drilling LP
License: 33375
Wellsite Geologist: NA
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: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. To Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
01/27/05 01/29/05 03/05/05
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 067-21596-0000
County: Grant
SE - SE - NW - NW Sec 18 Twp. 27 S. R. 35W
1298 feet from S (circle one) Line of Section
1250 feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE SW
Lease Name: Fort A Well #: 4
Field Name: Panoma Council Grove
Producing Formation: Council Grove
Elevation: Ground: 3107 Kelly Bushing: 3116
Total Depth: 3105 Plug Back Total Depth: 3063
Amount of Surface Pipe Set and Cemented at 695 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.

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Drilling Fluid Management Plan *ACT I WITH*
4-20-07
(Data must be collected from the Reserve Pit)
Chloride content 25000 mg/l ppm Fluid volume 900 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp, _____ S. R. East West
County: _____ Docket No.: _____

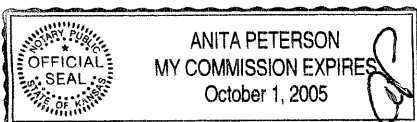
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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 May 20, 2005
Subscribed and sworn to before me this 20th day of may
20 05
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: Fort A Well #: 4
 Sec. 18 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase	2584	532
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Krider	2596	520
List All E. Logs Run: Neutron CBL		Winfield	2642	474
TracerScan		Towanda	2693	423
		Ft. Riley	2742	374
		Matfield	2810	306
		Wreford	2829	287
		Council Grove	2852	264

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	695	C	190 195	35/65 Class C + Additives Class C + Additives
Production	7 7/8	4 1/2	10.5	3104	C H	195 200	Class C + Additives 50/50 Poz + Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input 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
4	2985-3001		
	CIBP @ 2970		
4	2941-2952, 2936-2938	Acidized - 4500 gls 15% HCL	
3	2920-2934, 2902-2918	Diverta Frac-19324 gls WF125, 11,610# 100 mesh sand	
2	2880-2898, 2870-2880, 2852-2867	24057 gls WF125 75%N2, 200000# 16/30 Sand	
TUBING RECORD	Size Set At Packer At 2 3/8 2900	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. 03/18/05	Producing Method <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 Bbbs Gas-Oil Ratio Gravity
		149	3

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Submit ACO-18) Other (Specify) _____

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____
 Other (Specify) _____

Production Interval _____

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Well		Field		Service Date		Customer		Job Number	
FORT #4				0527-Jan-27		OXY USA, INC.		2205547412	
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbbl/min	bbbl	0	0	0	
2005-Jan-27	18:32	0	8.83	5.7	11.2	0	0	0	
2005-Jan-27	18:32								Start Mixing Lead Slurry
2005-Jan-27	18:32	0	8.95	5.7	0.4	0	0	0	
2005-Jan-27	18:33	0	10.92	3.9	4.8	0	0	0	
2005-Jan-27	18:34	0	12.56	5.7	9.6	0	0	0	
2005-Jan-27	18:35	0	12.68	5.7	15.4	0	0	0	
2005-Jan-27	18:36	0	12.52	5.7	21.1	0	0	0	
2005-Jan-27	18:37	0	12.32	5.7	26.8	0	0	0	
2005-Jan-27	18:38	0	12.30	5.7	32.5	0	0	0	
2005-Jan-27	18:39	0	12.75	5.7	38.2	0	0	0	
2005-Jan-27	18:40	0	12.65	5.7	43.9	0	0	0	
2005-Jan-27	18:41	0	12.59	5.7	49.7	0	0	0	
2005-Jan-27	18:42	0	12.59	5.7	55.5	0	0	0	
2005-Jan-27	18:43	0	12.58	5.7	61.2	0	0	0	
2005-Jan-27	18:44	0	12.33	5.7	66.9	0	0	0	
2005-Jan-27	18:45								End Lead Slurry
2005-Jan-27	18:45	0	13.43	5.7	68.7	0	0	0	
2005-Jan-27	18:45	0	13.98	5.7	69.9	0	0	0	
2005-Jan-27	18:45								Reset Total, Vol = 69.94 bbl
2005-Jan-27	18:45								Start Mixing Tail Slurry
2005-Jan-27	18:45	0	14.09	5.7	0.3	0	0	0	
2005-Jan-27	18:45	0	14.58	3.9	2.5	0	0	0	
2005-Jan-27	18:46	0	15.01	5.7	8.0	0	0	0	
2005-Jan-27	18:47	0	14.74	5.7	13.7	0	0	0	
2005-Jan-27	18:48	0	14.80	5.7	19.4	0	0	0	
2005-Jan-27	18:49	0	15.46	5.7	25.1	0	0	0	
2005-Jan-27	18:50	0	15.19	5.7	30.8	0	0	0	
2005-Jan-27	18:51	0	15.19	5.7	36.6	0	0	0	
2005-Jan-27	18:52	0	14.81	3.6	42.3	0	0	0	
2005-Jan-27	18:52	0	14.76	0.1	42.4	0	0	0	
2005-Jan-27	18:52								End Tail Slurry
2005-Jan-27	18:52	0	14.73	0.0	42.4	0	0	0	Reset Total, Vol = 42.41 bbl
2005-Jan-27	18:53	0	14.72	0.0	0.0	0	0	0	
2005-Jan-27	18:53								Drop Top Plug
2005-Jan-27	18:53								Start Displacement
2005-Jan-27	18:53	0	14.72	0.0	0.0	0	0	0	
2005-Jan-27	18:53	0	14.61	0.0	0.0	0	0	0	
2005-Jan-27	18:54	0	14.74	0.0	0.0	0	0	0	
2005-Jan-27	18:55	0	14.75	0.0	0.0	0	0	0	
2005-Jan-27	18:56	0	14.78	0.0	0.0	0	0	0	
2005-Jan-27	18:57	0	14.78	0.0	0.0	0	0	0	
2005-Jan-27	18:58	0	14.79	0.0	0.0	0	0	0	
2005-Jan-27	18:59	0	14.80	0.0	0.0	0	0	0	
2005-Jan-27	19:00	0	14.81	0.0	0.0	0	0	0	
2005-Jan-27	19:01	0	14.81	0.0	0.0	0	0	0	
2005-Jan-27	19:02	0	8.57	5.1	3.0	0	0	0	
2005-Jan-27	19:03	0	8.28	5.2	8.2	0	0	0	
2005-Jan-27	19:04	0	8.22	5.1	13.4	0	0	0	
2005-Jan-27	19:05	0	8.27	5.2	18.6	0	0	0	
2005-Jan-27	19:06	0	8.29	5.2	23.8	0	0	0	
2005-Jan-27	19:07	0	8.29	5.1	29.0	0	0	0	
2005-Jan-27	19:08	0	8.29	2.5	33.8	0	0	0	
2005-Jan-27	19:09	0	8.29	2.5	36.3	0	0	0	

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Well		Field			Service Date		Customer		Job Number	
FORT 'A' #4					0527-Jan-27		OXY USA, INC.		2205547412	
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbbl/min	bbbl	0	0	0		
2005-Jan-27	19:10	0	8.29	2.4	38.8	0	0	0	KCC	
2005-Jan-27	19:11	0	8.29	1.0	39.8	0	0	0	MAY 20 2005	
2005-Jan-27	19:12	0	8.29	1.0	37.8	0	0	0	CONFIDENTIAL	
2005-Jan-27	19:13	0	8.29	1.0	38.8	0	0	0		
2005-Jan-27	19:14	0	8.30	0.0	39.1	0	0	0		
2005-Jan-27	19:15	0	8.30	0.0	39.1	0	0	0		
2005-Jan-27	19:15								Bump Top Plug	
2005-Jan-27	19:15	0	8.30	0.0	39.1	0	0	0		
2005-Jan-27	19:15								End Displacement	
2005-Jan-27	19:15								End Job	
2005-Jan-27	19:15	0	8.30	0.0	39.1	0	0	0		
Post Job Summary										
Average Pump Rates, bpm					Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2			
5			6	121	0	10				
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density				
500		150	500		bbbl	8.34 lb/gal				
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume 30 bbl <input type="checkbox"/> Washed Thru Perfs To ft						
%	121 bbl	41.7 bbl	°F							
Customer or Authorized Representative			Schlumberger Supervisor							
FILLPOT, GREGG			Tan, Naveen				<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed			

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ORIGINAL

Date	1/9/2005
Company	Oxy USA Inc.
Job Number	2205547412
Well Name	Fort A-4
Well Number	A-4
County	Grant
State	Kansas

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Schlumberger

Pipe Size	8 5/8	
Pipe Weight	24	24
Pipe Depth	699	
Shoe Length	43.59	
Insert Depth	655.41	
Hole Size	12 1/4	
Hole Depth	696	

Lead	
190 sacks	35:65 Poz C
2.19 yield	D20,S1,D29
12.2 weight	
12.4 water	56.1
cubic ft.	416
height	1008
bbls	74.1

96	Pipe Volume	45
	Annular Volume	51
	Total Cement	121
	Total Water	127

Pipe Factor	0.0637	0.0637
Annular Factor	0.0735	
Height Factor	2.4231	

Tail	
195 sacks	Class C
1.34 yield	S1,D29
14.8 weight	
6.35 water	29
cubic ft.	261
height	633
bbls	46.5

Casing lift 287
Cement lift 212

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

Test 2000 psi

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Mud

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Spacer

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Lead

12.2

47 Tail

14.8

41.7 Displacement

2000 Maximum Pressure

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

Pump time @ 4 BPM

41 MIN

THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY PROVISIONS - PLEASE READ CAREFULLY.

1. **Acceptance** By requesting Schlumberger's services, equipment, or products, Customer voluntarily elects to enter into and be bound by these General Terms and Conditions.
2. **Definition.**
 - a. Schlumberger - Schlumberger Technology Corporation, a Texas corporation.
 - b. Customer - the person, firm or other entity to which equipment and/or services are supplied or provided
 - c. Group - Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors, employees, agents and invitees.
3. **Terms.** Cash in advance unless Schlumberger has approved Customer's credit prior to the sale. Terms of sale for credit-approved accounts are total invoice amount due on or before the 30th day from the date of invoice. Customer shall pay interest on past due balances at the lesser of 1.5% per month or the maximum allowed by applicable state or federal law. If Customer's account becomes delinquent, Schlumberger shall have the right to revoke any and all previously applied discounts. Upon such revocation, the full invoice price without discount will become immediately due and owing and subject to collection. Customer hereby agrees to pay all fees directly or indirectly incurred in the collection of past due or delinquent accounts.
4. **Taxes.** Customer shall pay any and all taxes or other levies (other than income taxes) imposed by any government, governmental unit or similar authority with respect to the charges made or payments received in connection with Schlumberger's services, equipment or products.
5. **Independent Contractor** Schlumberger is and shall be an independent contractor with respect to the performance of the services set forth on this Service Contract, and neither Schlumberger nor anyone employed by Schlumberger shall be the agent, representative, employee or servant of Customer in the performance of such services or any part hereof. When Contractor's employees (defined to include Schlumberger's direct, borrowed, special, or statutory employees) are covered by the Louisiana Workers' Compensation Act, La R.S. 23:1021 *et seq.*, Customer and Schlumberger agree that all work and operations performed by Schlumberger and its employees pursuant to this Contract are an integral part of and are essential to the ability of Customer to generate Customer's goods, products and services for purposes of La R.S. 23:1061 (A)(1). Furthermore, Customer and Schlumberger agree that Customer is the statutory employer of Schlumberger's employees for purposes of La R.S. 23:1061 (A)(3). Irrespective of Customer's status as the employer of Schlumberger (as defined in La R.S. 23:1031 (C)) of Schlumberger's employees, Schlumberger shall remain primarily responsible for the payment of Louisiana workers' compensation benefits to its employees, and shall not be entitled to seek contribution for any such payments from Customer.
6. **Obligations of Customer.**
 - (a) **Well Conditions: Notification of Hazardous Conditions.** Customer, having custody and control of the well and superior knowledge of the conditions in and surrounding it, shall provide Schlumberger with all necessary information to enable Schlumberger to perform its services safely and efficiently. Schlumberger's equipment is designed to operate under conditions normally encountered in the well bore; however, if hazardous or unusual conditions exist, Customer shall notify Schlumberger in advance and make special arrangements for servicing such wells.
 - (b) **Chemicals.** The handling and disposal of any chemical, waste or by-product used or generated ("Chemicals") in the performance of the services are the sole responsibility of Customer, who is the owner and generator thereof. Customer agrees that it will transport and dispose of any such Chemicals in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against Schlumberger in connection with the use, generation, storage, transportation or disposal of Chemicals under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party.
 - (c) **Radioactive Sources.** If any radioactive source is lost in a well, at the well site, while being transported by Customer or a third-party on behalf of Customer, or while under the custody or control of Customer, Customer shall exert its best efforts to recover the source and shall take precautions in order to avoid breaking or damaging the source. If the source is not recovered, or if the container is broken, Customer shall immediately comply with all applicable laws and regulations, including the isolation and marking of the location of the source.
 - (d) **Fishing Operations.** Customer shall assume the entire responsibility for operations in which Customer or its representatives attempt to fish for equipment but Schlumberger will, without assuming liability and if so requested by Customer, render assistance for the recovery of such equipment.
7. **Warranty for Products and Services.**
 - (a) Schlumberger represents and warrants that all services shall be performed in a good and workmanlike manner in accordance with good oilfield practices and that it shall exercise diligence to insure the correctness and safe transport of all log, test and other data. Schlumberger will give Customer the benefit of its best judgment based on its experience interpreting information and making written or oral recommendations concerning logs or tests or other data, type or amount of material or service required, manner of performance or predicting results. Nevertheless, all such recommendations or predictions are opinions only and in view of the intractability of obtaining first-hand knowledge of the many variable conditions, the reliance on inferences, measurements and assumptions which are not infallible, and/or the necessity of relying on facts and supporting services furnished by others, **NO WARRANTY IS GIVEN CONCERNING THE ACCURACY OR COMPLETENESS OF LOG, TEST OR OTHER DATA, THE EFFECTIVENESS OF MATERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES RENDERED. SCHLUMBERGER WILL NOT BE RESPONSIBLE FOR ACCIDENTAL OR INTENTIONAL INTERCEPTION OF OR TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER GUARANTEE THE SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS OR MATERIALS.**
 - (b) Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished shall conform to the quality and specifications represented. Schlumberger warrants all its products to be free of defects in material and workmanship for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of shipment, whichever occurs first. The above warranty does not apply to:
 - (i) products that have been modified and/or subjected to improper handling, storage, installation, operation or maintenance or to any product normally consumed in operation;
 - (ii) any item which is purchased by Schlumberger or furnished by Customer as a component part of a product, or not manufactured by Schlumberger and purchased for Customer except to the extent to which such items are covered by the warranty, if any, of the original manufacturer thereof;
 - (iii) the design on those jobs where Schlumberger prepares shop drawings, tracing drawings or lists from designs furnished by others;
 - (iv) models or samples which are furnished to Customer as illustrations only of the general properties of Schlumberger's products and workmanship;
 - (v) damage to a product caused by abrasive materials, corrosion due to aggressive fluids, lightning, improper voltage supply, mishandling or misapplication.
 - (c) Schlumberger's liability under its warranty is expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at its sole option, of products or services which prove to be defective within the warranty period. A Customer claim made pursuant to this warranty shall be made immediately upon discovery and confirmed in writing within thirty (30) days after discovery of the defect. Defective items must be held for inspection and returned to the original F.O.B. point upon request. Schlumberger shall have the right to inspect the products claimed to be defective and shall have the right

to determine the cause of such defect. Returned products shall become the property of Schlumberger. **THE FOREGOING WARRANTIES FOR SERVICES AND PRODUCTS ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED OR STATUTORY. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY SHALL NOT APPLY. SCHLUMBERGER'S WARRANTY OBLIGATIONS AND CUSTOMER'S REMEDIES THEREUNDER (EXCEPT AS TO TITLE) ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN.**

8. **INDEMNITIES**
 - (a) **Personnel**
 1. SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS.
 2. CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS.
 - (b) **Property**

CUSTOMER ASSUMES ALL LIABILITY FOR, AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD THE SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL DAMAGE, LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (INCLUDING ALL COSTS AND EXPENSES THEREOF AND REASONABLE ATTORNEY'S FEES) ARISING IN CONNECTION THEREWITH:

 1. ON ACCOUNT OF LOSS OF AND/OR DAMAGE TO THE CUSTOMER GROUP OR ITS CONTRACTORS' (OTHER THAN SCHLUMBERGER) OR SUBCONTRACTORS' PROPERTY;
 2. ON ACCOUNT OF LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE OCCURS: (i) IN THE HOLE, (ii) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNED OR FURNISHED BY CUSTOMER, (iii) WHILE LOCATED AT THE WELL SITE WHEN SCHLUMBERGER PERSONNEL ARE NOT PRESENT, (iv) AS A RESULT OF IMPROPERLY MAINTAINED, PRIVATE ACCESS ROADS TO THE WELLSITE, OR (v) WHILE BEING USED BY OR WHILE UNDER THE CUSTODY OR CONTROL OF ANY PERSON OTHER THAN A SCHLUMBERGER EMPLOYEE, WHETHER IN AN EMERGENCY OR OTHERWISE. THE PROPERTY, EQUIPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THEIR RESPECTIVE LAUNDED REPLACEMENT COST. WITH RESPECT TO (i) ABOVE, RENTAL CHARGES ON THE EQUIPMENT LOST OR DAMAGED IN THE HOLE SHALL CONTINUE TO BE PAID UP TO AND INCLUDING THE DATE ON WHICH SCHLUMBERGER RECEIVES NOTICE IN WRITING OF THE LOSS OR DAMAGE.
 - (c) **Application of Indemnities.** THE ASSUMPTION OF LIABILITY AND INDEMNITIES IN (a) AND (b) ABOVE SHALL APPLY TO ANY LOSS, DAMAGE, EXPENSE, INJURY, ILLNESS OR DEATH WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, UNSEAWORTHINESS, STRICT LIABILITY, ULTRAHAZARDOUS ACTIVITY, BREACH OF EXPRESS OR IMPLIED WARRANTY, IMPERFECTION OF MATERIAL, DEFECT OR FAILURE OF EQUIPMENT, DEFECT OR "RUN" OR OTHER CONDITION OF PREMISES, INCLUDING ANY CONDITIONS THAT PRE-EXIST THE EXECUTION OF THIS AGREEMENT, OR THE SOLE OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITEE OR ITS CONTRACTORS OR SUBCONTRACTORS OR ITS OR THEIR EMPLOYEES, AGENTS OR INVITEES.
 - (d) **Special Indemnity.** NOTWITHSTANDING ANYTHING TO THE CONTRARY HEREIN, CUSTOMER AGREES TO PROTECT, DEFEND, INDEMNIFY, AND HOLD SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION (INCLUDING ALL COSTS, EXPENSES AND ATTORNEY'S FEES) OF EVERY KIND AND CHARACTER, WITHOUT REGARD TO THE CAUSE OR CAUSE THEREOF, THE UNSEAWORTHINESS OF ANY VESSEL, STRICT LIABILITY OR THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE OF ANY PARTY (EXCLUDING THE GROSS NEGLIGENCE OF SCHLUMBERGER GROUP), ARISING IN CONNECTION HERewith IN FAVOR OF CUSTOMER GROUP OR ITS CONTRACTORS OR SUBCONTRACTORS, SCHLUMBERGER GROUP AND ITS SUBCONTRACTORS OR ANY THIRD PARTY FOR: (i) PROPERTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (ii) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETHER CAUSED BY CUSTOMER'S FAILURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEMICALS AS REQUIRED BY PARAGRAPH 6.(b) HEREOF OR OTHERWISE, INCLUDING CONTAINMENT, CLEAN-UP AND REMEDIATION OF THE POLLUTANT AND CONTAMINATION, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (iii) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM RESEVOR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WELL BORE ITSELF, SURFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEA DAMAGE; (iv) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REGRINDING OR REWORKING AND RELATED CLEAN UP COSTS; (v) DAMAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMER (THE TERM "WELL OWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY DRILLING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE); OR (vi) SUBSURFACE TRESPASS.
 - (e) **Anti-Indemnity and Insurance Savings Clause.** If any defense, indemnity or insurance provision contained in this Contract conflicts with, is prohibited by or violates public policy under any federal, state or other law determined to be applicable to a particular situation arising from or involving any services, equipment and/or products hereunder, it is understood and agreed that the conflicting, prohibited, or violating provision shall be deemed automatically amended in that situation to the extent, but only to the extent, necessary to conform with, not be prohibited by and avoid violating public policy under such applicable law.
9. **Incidental or Consequential Damages.** IT IS EXPRESSLY AGREED THAT THE SCHLUMBERGER GROUP SHALL NOT BE LIABLE TO THE CUSTOMER GROUP FOR ANY PUNITIVE, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFITS OR BUSINESS INTERRUPTION OR LOSS OF USE, LOSS OF PRODUCTION OR LOSS OF RIG TIME.
10. **Insurance.** Each party, as indemnitor, shall support the indemnity obligations it assumes under Paragraph 8, by obtaining at its own cost, adequate insurance for the benefit of the other party as indemnitee, with contractual indemnity endorsements. To the extent each party assumes liability, such insurance shall waive subrogation against and name the indemnitee and its Group as additional insured(s) and loss payee, and to the same extent such coverage shall be primary to that carried by the indemnified Group. Customer shall not self-insure without the written consent of Schlumberger.
11. **Limitation of Liability.** Schlumberger's liability, however arising from or in connection with this Contract (whether for breach of contract, negligence, misrepresentation, or otherwise), shall not in any circumstances exceed the full value of the consideration then owed to Schlumberger under this Contract.
12. **Miscellaneous.** Schlumberger shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of Schlumberger. This Contract shall be governed by the laws of the state where the services are performed or equipment or products are furnished, except if furnished offshore or on navigable water, federal Maritime Laws will govern. Should any clause, sentence, or part of these General Terms and Conditions be held invalid, such holding shall not invalidate the remainder, and the Terms and Conditions shall be interpreted as if the invalid clause, sentence, or part has been modified or omitted, if necessary, as required to conform to the jurisdiction purporting to limit such provision.

NO FIELD EMPLOYEE OF SCHLUMBERGER IS AUTHORIZED OR EMPOWERED TO ALTER THESE GENERAL TERMS AND CONDITIONS.

Customer OXY USA, INC.						Job Number 2205547462			
Well FORT 'A' 4			Location (legal) SEC18-T27S-R35W			Schlumberger Location Perryton, TX			Job Start 2005-Jan-29
Field		Formation Name/Type		Deviation		Bit Size 7.88 in	Well MD 3,105 ft	Well TVD 3,105 ft	
County GRANT		State/Province KANSAS		BHP psi	BHST 111 °F	BHCT 95 °F	Pore Press. Gradient psi/ft		
Well Master: 0630654906		API / UWI:		Casing/Liner					
Rig Name CHEYENNE 8	Drilled For Oil & Gas		Service Via Land		Depth, ft 3100	Size, in 4.5	Weight, lb/ft 10.5	Grade	Thread
Offshore Zone	Well Class New		Well Type Development		Tubing/Drill Pipe				
Drilling Fluid Type Bentonite		Max. Density 9.2 lb/gal	Plastic Viscosity 33 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 PROD 4 1/2" CASING: 20 BBLs CW100 195 SKS CLASS C + 3% D079 + 0.2% D046 + 0.25 PPS D029 200 SKS 50/50 POZ/CLASS H + 2%D20 + 3%M117 + 5 PPSD42 + 5 PPS D53 + 0.6 %D112 + 0.25 %D65 + 0.25%D46 DISPLACE W/ FRESH WATER				Treat Down Casing	Displacement 48.8 bbl	Packer Type	Packer Depth ft		
Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>			Tubing Vol. bbl	Casing Vol. 49 bbl	Annular Vol. 126 bbl	Open Hole Vol. 176 bbl		
Lift Pressure: 600 psi				Casing Tools		Squeeze Job			
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input checked="" type="checkbox"/>			Shoe Type: Auto-Fill	Squeeze Type				
No. Centralizers: Top Plugs: 1	Bottom Plugs: 1	Shoe Depth: 3068 ft	Tool Type:						
Cement Head Type: Single		Stage Tool Type:	Tool Depth: ft						
Job Scheduled For: 1/29/2005	Arrived on Location: 2005-Jan-29 4:45	Leave Location: 2005-Jan-29 11:22	Stage Tool Depth: ft	Tail Pipe Size: in					
Collar Type:	Tail Pipe Depth: ft	Collar Depth: ft	Sqz Total Vol: bbl						
Date	Time	Annulus psi	Density lb/gal	Rate bbl/min	Volume bbl	0	0	0	Message
2005-Jan-29	9:24	0	8.36	5.1	0.1	0	0	0	KCC
2005-Jan-29	9:25	0	8.36	5.3	13.3	0	0	0	MAY 20 2005
2005-Jan-29	9:26	0	8.36	5.4	18.7	0	0	0	CONFIDENTIAL
2005-Jan-29	9:27	0	8.36	0.0	19.7	0	0	0	End Spacer
2005-Jan-29	9:27	0	8.36	0.0	19.7	0	0	0	Reset Total, Vol = 19.67 bbl
2005-Jan-29	9:27	0	8.36	0.0	19.7	0	0	0	Start Mixing Lead Slurry
2005-Jan-29	9:27	0	8.36	0.0	0.0	0	0	0	
2005-Jan-29	9:27	0	8.36	0.0	0.0	0	0	0	
2005-Jan-29	9:28	0	10.17	5.5	3.1	0	0	0	
2005-Jan-29	9:29	0	11.36	5.7	8.7	0	0	0	
2005-Jan-29	9:30	0	10.90	5.7	14.4	0	0	0	RECEIVED
2005-Jan-29	9:31	0	10.87	5.8	20.2	0	0	0	MAY 23 2005
2005-Jan-29	9:32	0	10.89	5.5	25.8	0	0	0	KCC WICHITA
2005-Jan-29	9:33	0	11.24	5.3	31.1	0	0	0	
2005-Jan-29	9:34	0	11.00	5.4	36.5	0	0	0	
2005-Jan-29	9:35	0	10.96	3.0	41.3	0	0	0	
2005-Jan-29	9:36	0	10.98	5.2	45.7	0	0	0	
2005-Jan-29	9:37	0	10.89	4.9	50.9	0	0	0	
2005-Jan-29	9:38	0	10.74	4.9	55.8	0	0	0	
2005-Jan-29	9:39	0	11.23	4.9	60.7	0	0	0	

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Well		Field				Service Date		Customer		Job Number
FORT 'A' #4						0529-Jan-29		OXY USA, INC.		2205547462
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2005-Jan-29	9:40	0	10.88	4.9	65.6	0	0	0	KCC	
2005-Jan-29	9:41	0	10.89	5.0	70.5	0	0	0	MAY 20 2005	
2005-Jan-29	9:42	0	11.03	4.9	75.4	0	0	0	CONFIDENTIAL	
2005-Jan-29	9:43	0	11.21	4.9	80.3	0	0	0		
2005-Jan-29	9:44	0	11.40	4.9	85.3	0	0	0		
2005-Jan-29	9:45	0	11.13	4.9	90.2	0	0	0		
2005-Jan-29	9:46	0	10.99	4.9	95.1	0	0	0		
2005-Jan-29	9:47	0	11.43	4.9	100.0	0	0	0		
2005-Jan-29	9:48	0	11.34	4.9	105.0	0	0	0		
2005-Jan-29	9:49	0	11.48	4.9	110.0	0	0	0		
2005-Jan-29	9:50	0	12.29	4.4	112.9	0	0	0		
2005-Jan-29	9:50								End Lead Slurry	
2005-Jan-29	9:50	0	12.35	4.3	113.0	0	0	0		
2005-Jan-29	9:50								Reset Total, Vol = 113.00 bbl	
2005-Jan-29	9:50								Start Mixing Tail Slurry	
2005-Jan-29	9:50	0	12.45	4.4	0.2	0	0	0		
2005-Jan-29	9:50	0	13.04	4.1	1.5	0	0	0		
2005-Jan-29	9:51	0	13.90	4.9	5.9	0	0	0		
2005-Jan-29	9:52	0	13.78	5.0	10.9	0	0	0		
2005-Jan-29	9:53	0	13.81	5.5	16.2	0	0	0		
2005-Jan-29	9:54	0	14.07	5.5	21.6	0	0	0		
2005-Jan-29	9:55	0	13.85	5.5	27.1	0	0	0		
2005-Jan-29	9:56	0	13.84	5.5	32.6	0	0	0		
2005-Jan-29	9:57	0	14.01	5.5	38.1	0	0	0		
2005-Jan-29	9:58	0	13.76	5.5	43.5	0	0	0		
2005-Jan-29	9:59	0	13.63	5.4	49.0	0	0	0		
2005-Jan-29	10:00	0	14.31	5.1	54.2	0	0	0		
2005-Jan-29	10:01								End Tail Slurry	
2005-Jan-29	10:01	0	14.30	0.0	55.7	0	0	0		
2005-Jan-29	10:01	0	14.29	0.0	55.7	0	0	0		
2005-Jan-29	10:01								Reset Total, Vol = 55.68 bbl	
2005-Jan-29	10:01								Drop Top Plug	
2005-Jan-29	10:01	0	14.27	0.0	0.0	0	0	0		
2005-Jan-29	10:01	0	14.27	0.0	0.0	0	0	0		
2005-Jan-29	10:01								Reset Total, Vol = 0.00 bbl	
2005-Jan-29	10:01	0	14.26	0.0	0.0	0	0	0		
2005-Jan-29	10:01								Start Displacement	
2005-Jan-29	10:01	0	12.53	0.0	0.0	0	0	0		
2005-Jan-29	10:02	0	9.20	0.0	0.0	0	0	0		
2005-Jan-29	10:03	0	9.20	0.0	0.0	0	0	0		
2005-Jan-29	10:04	0	9.15	0.0	0.0	0	0	0		
2005-Jan-29	10:05	0	9.21	6.3	0.0	0	0	0		
2005-Jan-29	10:06	0	8.40	6.4	0.0	0	0	0		
2005-Jan-29	10:07	0	8.35	0.0	0.0	0	0	0		
2005-Jan-29	10:08	0	8.35	5.4	0.8	0	0	0		
2005-Jan-29	10:09	0	8.35	5.5	6.2	0	0	0		
2005-Jan-29	10:10	0	8.35	5.5	11.7	0	0	0		
2005-Jan-29	10:11	0	8.35	5.4	17.2	0	0	0		
2005-Jan-29	10:13	0	8.35	5.6	22.9	0	0	0		
2005-Jan-29	10:14	0	8.35	5.3	28.3	0	0	0		
2005-Jan-29	10:15	0	8.35	5.1	33.5	0	0	0		
2005-Jan-29	10:16	0	8.35	5.2	38.7	0	0	0		
2005-Jan-29	10:17	0	8.35	1.7	42.0	0	0	0		
2005-Jan-29	10:18	0	8.35	1.8	43.8	0	0	0		

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Well FORT 'A' #4		Field		Service Date 0529-Jan-29		Customer OXY USA, INC.		Job Number 2205547462	
Date	Time 24 hr clock	Annulus psi	Density lb/gal	Rate bbl/min	Volume bbl	0	0	0	Message
2005-Jan-29	10:19	0	8.35	1.8	45.6	0	0	0	KCC MAY 20 2005 CONFIDENTIAL
2005-Jan-29	10:20	0	8.35	1.8	47.3	0	0	0	
2005-Jan-29	10:21	0	8.35	1.7	49.1	0	0	0	
2005-Jan-29	10:21	0	8.35	0.0	49.1	0	0	0	
2005-Jan-29	10:21								
2005-Jan-29	10:21	0	8.35	0.0	49.1	0	0	0	
2005-Jan-29	10:21								
2005-Jan-29	10:22	0	8.35	0.0	49.1	0	0	0	
2005-Jan-29	10:22								
2005-Jan-29	10:22	0	8.35	0.0	49.1	0	0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5			6	170	0	20			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
500		120	800		bbl	8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	5	bbl		
%	170 bbl	48.8 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft			
Customer or Authorized Representative FILLPOT, GREGG			Schlumberger Supervisor Tan, Naveen			<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	

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Date	1/29/2005
Company	Oxy USA Inc.
Job Number	2205547462
Well Name	Fort
Well Number	A-4
County	Grant
State	KS

Schlumberger

Pipe Size	4 1/2	
Pipe Weight	10.5	10.5
Pipe Depth	3110	0
Shoe Length	42.21	
Insert Depth	3067.79	
Hole Size	7 7/8	
Hole Depth	3105	

Lead	
195 sacks	Class C
3.3 yield	D79,D46,D29
11 weight	
20.3 water	94.4
cubic ft.	644
height	2825
bbls	115

Pipe Volume	49
176 Annular Volume	126
Total Cement	170
Total Water	177

Pipe Factor	0.0159	0.0159
Annular Factor	0.0406	
Height Factor	4.3898	

Tail	
200 sacks	50/50 POZ
1.55 yield	D46,D42,M117,D20,D65,D112,D53
13.8 weight	
7.1 water	34
cubic ft.	310
height	1361
bbls	55.2

Casing lift 2053
Cement lift 825

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Test 2000 psi

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

Mud

20 Spacer CW100

115 Lead 11

55 Tail 13.8

48.8 Displacement

2000 Maximum Pressure

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

Pump time @ 4 BPM

55 MIN