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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

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

If Workover/Re-entry: Old Well Info as follows: **RECEIVED**  
Operator: APR 14 2004  
Well Name: \_\_\_\_\_

Original Comp. Date: KCC Original Total Depth: WICHITA, KS  
 Deepening  Re-perf.  Conv. To Enhr./SWD  
 Plug Back APR 09 2004 Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_  
12/17/03 12/23/03 01/09/04  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 055-21815-0000  
County: Finney  
     - NW - NW - NW Sec 34 Twp. 24 S. R. 33W  
400 feet from S  (circle one) Line of Section  
400 feet from E  (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  NW SW  
Lease Name: Tait D Well #: 3  
Field Name: Panoma Council Grove  
Producing Formation: Council Grove  
Elevation: Ground: 2901 Kelly Bushing: 2913  
Total Depth: 3100 Plug Back Total Depth: 3052  
Amount of Surface Pipe Set and Cemented at 1128 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.

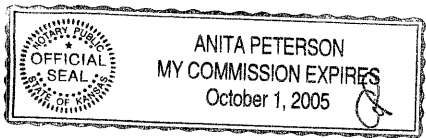
Drilling Fluid Management Plan ALT I WITHM 12-25-06  
(Data must be collected from the Reserve Pit)  
Chloride content 24000 mg/l ppm Fluid volume 850 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ 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 April 13, 2004  
Subscribed and sworn to before me this 13<sup>th</sup> day of April  
20 04  
Notary Public: Anita Peterson  
Date Commission Expires: Oct. 1, 2005

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



X

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Side Two

Operator Name: OXY USA Inc. Lease Name: Tait D Well #: 3
Sec. 34 Twp. 24 S. R. 33W East West County: Finney

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [ ] Yes [X] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No
Electric Log Run [X] Yes [ ] No
List All E. Logs Run: Induction Sonic Neutron

Table with 4 columns: Log Name, Formation (Top), Depth and Datum, Sample Datum. Rows include Krider, Winfield, Towanda, Ft Riley, Wreford, Council Grove Group.

CASING RECORD Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight Lbs./ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives. Rows for Conductor, Surface, and Production.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Rows for Perforate, Protect Casing, Plug Back TD, Plug off Zone.

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. Rows for 2820-2836 interval.

TUBING RECORD Table with 6 columns: Size, Set At, Packer At, Liner Run, Date of First, Resumed Production, SWD or Enhr., Producing Method, Estimated Production Per 24 Hours, Oil BBLs, Gas Mcf, Water Bbls, Gas-Oil Ratio, Gravity.

Disposition of Gas: [ ] Vented [X] Sold [ ] Used on Lease
METHOD OF COMPLETION: [ ] Open Hole [X] Perf. [ ] Dually Comp. [ ] Commingled
Production Interval: [ ] Other (Specify)

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**Service Order**

<b>Customer</b> OXY USA, INC.		<b>Person Taking Call</b> Sola Lasisi, Tajudeen		<b>Dowell Location</b> Perryton, TX		<b>Order Date</b> 2003-Dec-21		<b>Job Number</b> 2205544493									
<b>Well Name and Number</b> TAIT D4 D3			<b>Legal Location</b> SEC 34-T24S-R33		<b>Field</b>		<b>County</b> FINNEY CO		<b>State/Province</b> KANSAS								
<b>Well Master:</b> 0630543323			<b>API / UWI:</b>														
<b>Rig Name</b>			<b>Well Age</b> New		<b>Sales Engineer</b> Cambren, Charles			<b>Job Type</b> Cem Prod Casing									
<b>Time Well Ready</b>		<b>Deviation</b>		<b>Bit Size</b> 7.88 in		<b>Well MD</b> 3,100 ft		<b>Well TVD</b> 3,100 ft		<b>BHP</b> psi							
										<b>BHCT</b> 120 °F							
										<b>BHCT</b> 88 °F							
<b>Treat Down</b> Casing		<b>Packer Type</b>		<b>Packer Depth</b> ft		<b>Wellhead Connection</b> 4 1/2 HS&M		<b>HHP on Location</b>		<b>Max Allowed Pressure</b> 2000							
										<b>Max Allowed Ann Pressure</b>							
<b>Casing</b>						<b>Services Instructions:</b>											
<b>Depth, ft</b>		<b>Size, in</b>		<b>Weight, lb/ft</b>		<b>Grade</b>		<b>CEMENT 4 1/2 PRODUCTION CASING WITH:</b>									
3100		4.5		11.6				20 BBL CW100									
								150 SKS CLASS C + 3%D79 + 0.2%D46 + 0.25 PPS D29									
								260 SKS 50/50 POZ CLASS H + 2%D20 + 3%M117 + 5 PPS D42 + 5									
								PPS D53 + 0.25% D112 + 0.25% D65 + 0.25% D46									
								DISPLACE WITH 4 GAL L64 + 1 LB OF B69									
<b>Tubing</b>						<b>Extra Equipment:</b>											
<b>Depth,</b>		<b>Size, in</b>		<b>Weight, lb/ft</b>		<b>Grade</b>		1 PUMP									
								2 ABTS									
								1 CEMCAT									
<b>Perforated Intervals</b>						<p style="text-align: center;"><b>RECEIVED</b> KANSAS CORPORATION COMMISSION</p> <p style="text-align: center; font-size: 1.2em;">APR 14 2004</p> <p style="text-align: center;">CONSERVATION DIVISION WICHITA, KS</p>											
<b>Top, ft</b>		<b>Bottom, ft</b>		<b>spf</b>								<b>No. of Shots</b>		<b>Total Interval</b>			
														ft			
														in			
<b>Expected On Location:</b>						<b>Ready To Pump:</b>											

Contact	Voice	Mobile	FAX	Notes
Company Rep				

**Notes:**  
 FLOAT EQUIPMENT= 1 TOP PLUG & BOTTOM PLUG

**Directions:**  
 FROM PLYMELL SCHOOL ON HWY "83" GO 3-1/4 MILES NORTH ON HWY "83" TO ANNE SHEAR RD === 3-3/4 MILES WEST ON ANNE SHEAR RD TO RED GATES ON NORTH SIDE=== 5 MILES NORTH ON TRAIL RD TO NORTH SIDE OF COMPRESSOR STATION ==1 MILE WEST ON TRAIL TO LOCATION

**Other Notes:**  
 FOLLOW ALL CONVOY POLICIES AND BE SAFE!!!

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Comments:

**Fluid Systems:**

DISPLACE			
4 GAL L64 & 1 LB B69			
Density:	lb/gal	Thickening Time:	
Yield:	ft <sup>3</sup> /sk		
H2O Mix:	0 gal/sk		
H2O:	0 gal	Eq. Sack Weight:	0 lb
		Total Blend:	0 sacks
Dowell Code	Conc/ Amount	Total Quantity	
L064	4 gal	4	
B069	1 lbs	1	

LEAD			
150 SKS CLASS C + 3% D079 + 0.2% D046 + 0.25 PPS D029			
Density:	12.0 lb/gal	Thickening Time:	
Yield:	2.62 ft <sup>3</sup> /sk		
H2O Mix:	15.16 gal/sk		
H2O:	2274 gal	Eq. Sack Weight:	94 lb
		Total Blend:	150 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D46	0.188 lbs/sk	28.2	
D79	2.82 lbs/sk	423	
CLASSC	94 lbs/sk	14100	
D29	0.25 lbs/sk	37.5	

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

TAIL			
250 SACKS 50:50 POZ H+2%D20+5 PPS D42+5 PPS D53+0.25%D112+0.25%D65+3%M117KCL+0.25%D46			
Density:	13.8 lb/gal	Thickening Time:	
Yield:	1.55 ft <sup>3</sup> /sk		
H2O Mix:	7.1 gal/sk		
H2O:	1846 gal	Eq. Sack Weight:	86.5 lb
		Total Blend:	250 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D112	0.216 lbs/sk	56.16	
CLASS H	47 lbs/sk	12220	
POZ	39.5 lbs/sk	10270	
D020	1.73 lbs/sk	449.8	
D053	5 lbs/sk	1300	
D065	0.216 lbs/sk	56.16	
M117	2.595 lbs/sk	674.7	
D046	0.216 lbs/sk	56.16	
D042	5 lbs/sk	1300	

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WICHITA, KS

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**Cementing Service Report**

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Customer <b>OXY USA, INC.</b>						Job Number <b>2205544493</b>				
Well <b>TAIT B4 DS</b>			Location (Legal) <b>SEC 34-T24S-R33W</b>			Schlumberger Location <b>Perryton, TX</b>			Job Start <b>2003-Dec-24</b>	
Field		Formation Name/Type			Deviation		BH Size <b>7.88 in</b>	Well MD <b>3,100 ft</b>	Well TVD <b>3,100 ft</b>	
County <b>FINNEY CO</b>		State/Province <b>KANSAS</b>			BHP <b>psi</b>	BHST <b>120 °F</b>	BHCT <b>98 °F</b>	Pore Press. Gradient <b>psi/ft</b>		
Well Master: <b>0630543323</b>		API / UWI:			Casing/Liner					
Rig Name		Drilled For <b>Oil &amp; Gas</b>		Service Via		Depth, ft <b>3100</b>	Size, in <b>4.5</b>	Weight, lb/ft <b>11.6</b>	Grade	Thread
Offshore Zone		Well Class <b>New</b>	Well Type <b>Development</b>			Tubing/Drill Pipe				
Drilling Fluid Type		Max. Density <b>lb/gal</b>	Plastic Vt: cp			Depth	Size, in	Weight, lb/ft	Grade	Thread
Service Line <b>Cementing</b>		Job Type <b>Cern Prod Casing</b>			Perforations/Open Hole					
Max. Allowed Tubing Pressure <b>2000 psi</b>		Max. Allowed Ann. Pressure <b>psi</b>		Wellhead Connection <b>4 1/2 HS&amp;M</b>		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval <b>ft</b>
Service Instructions <b>CEMENT 4 1/2 PRODUCTION CASING WITH: 20 BBL CW100 150 SKS CLASS C + 3%D78 + 0.2%D46 + 0.25 PPS D29 260 SKS 50/50 POZ CLASS H + 2%D20 + 3%M117 + 5 PPS D42 + 5 PPS D53 + 0.25% D112 + 0.25% D65 + 0.25% D46 DISPLACE WITH 4 GAL L64 + 1 LB OF B69</b>						Treat Down <b>Casing</b>	Displacement <b>48.5 bbl</b>	Packer Type	Packer Depth <b>ft</b>	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>				Casing Tools		Squeeze Job		
Lift Pressure: <b>psi</b>		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		Squeeze Type		Squeeze Type		
No. Centralizers:		Top Plugs: <b>1</b>		Bottom Plugs: <b>1</b>		Squeeze Depth: <b>3100 ft</b>		Tool Type:		
Cement Head Type:		Stage Tool Type:		Stage Tool Depth: <b>ft</b>		Tool Depth: <b>ft</b>		Tail Pipe size: <b>in</b>		
Job Scheduled For:		Arrived on Location: <b>2003-Dec-24 7:15</b>		Leave Location: <b>2003-Dec-24 10:00</b>		Collar Type:		Tail Pipe Depth: <b>ft</b>		ft
Collar Depth: <b>ft</b>		Sqz Total Vol: <b>bbl</b>								
Date	Time	Treating Pressure <b>psi</b>	Flow Rate <b>bbl/min</b>	Volume <b>bbl</b>	CMT DENIS <b>lb/gal</b>	0	0	0	Message	
2003-Dec-24	8:24					0	0	0	Pressure Test Lines	
2003-Dec-24	8:24	-5	0.0	0.1	8.45	0	0	0		
2003-Dec-24	8:24					0	0	0	Start Pumping Wash	
2003-Dec-24	8:24	0	0.0	0.1	8.45	0	0	0		
2003-Dec-24	8:24					0	0	0	Reset Total, Vol = 0.10 bbl	
2003-Dec-24	8:24	-5	0.0	0.1	8.45	0	0	0		
2003-Dec-24	8:24	0	0.0	0.0	8.45	0	0	0		
2003-Dec-24	8:25	0	0.0	0.0	8.45	0	0	0		
2003-Dec-24	8:26	0	2.8	1.5	8.44	0	0	0		
2003-Dec-24	8:27	0	3.0	3.9	8.44	0	0	0		
2003-Dec-24	8:27	0	4.8	7.4	6.67	0	0	0		
2003-Dec-24	8:28	0	4.9	11.5	8.49	0	0	0		
2003-Dec-24	8:29	-5	4.9	15.5	8.47	0	0	0		
2003-Dec-24	8:30	-5	5.1	19.7	8.55	0	0	0		
2003-Dec-24	8:30					0	0	0	End Wash	
2003-Dec-24	8:30	0	5.1	20.2	8.56	0	0	0		
2003-Dec-24	8:30	-5	5.0	20.4	8.61	0	0	0	Start Mixing Lead Slurry	
2003-Dec-24	8:31	0	5.1	23.9	10.37	0	0	0		
2003-Dec-24	8:32	0	5.3	28.3	12.21	0	0	0		
2003-Dec-24	8:32	0	5.4	31.4	12.40	0	0	0		
2003-Dec-24	8:32					0	0	0	Reset Total, Vol = 31.40 bbl	

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Well		Field		Service Date		Customer			Job Number
CONFIDENTIAL				03358-Dec-24		OXY USA, INC.			2205544493
Date	Time	Trailing Pressure	Flow Rate	Volume	CMT DENS				Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	0	0	0	
2003-Dec-24	8:32	0	5.4	1.3	12.25	0	0	0	
2003-Dec-24	8:33	0	5.4	5.8	11.92	0	0	0	
2003-Dec-24	8:34	0	5.4	10.3	12.22	0	0	0	
2003-Dec-24	8:35	0	5.4	14.8	12.39	0	0	0	
2003-Dec-24	8:36	0	5.5	19.3	12.05	0	0	0	
2003-Dec-24	8:37	0	5.5	23.9	12.11	0	0	0	
2003-Dec-24	8:37	114	5.3	27.3	12.48	0	0	0	
2003-Dec-24	8:38	119	5.3	31.7	12.13	0	0	0	
2003-Dec-24	8:39	110	5.4	36.2	11.87	0	0	0	
2003-Dec-24	8:40	114	5.3	40.6	12.05	0	0	0	
2003-Dec-24	8:41	105	5.3	45.0	12.30	0	0	0	
2003-Dec-24	8:42	82	4.6	49.1	12.16	0	0	0	
2003-Dec-24	8:42	73	4.6	52.9	12.08	0	0	0	
2003-Dec-24	8:43								End Lead Slurry
2003-Dec-24	8:43	64	4.6	54.9	13.15	0	0	0	
2003-Dec-24	8:43	64	4.6	54.9	13.21	0	0	0	
2003-Dec-24	8:43								Start Mixing Tail Slurry
2003-Dec-24	8:43								Reset Total, Vol = 55.08 bbl
2003-Dec-24	8:43	64	4.6	55.1	13.32	0	0	0	
2003-Dec-24	8:43								Drop Bottom Plug
2003-Dec-24	8:43	64	4.6	0.8	13.57	0	0	0	
2003-Dec-24	8:43								Drop Bottom Plug
2003-Dec-24	8:43	64	4.6	0.9	13.56	0	0	0	
2003-Dec-24	8:43	165	5.8	1.8	13.50	0	0	0	
2003-Dec-24	8:44	247	6.2	6.9	14.46	0	0	0	
2003-Dec-24	8:45	233	6.2	12.0	13.98	0	0	0	
2003-Dec-24	8:46	211	6.1	17.2	13.74	0	0	0	
2003-Dec-24	8:47	247	6.2	22.3	14.38	0	0	0	
2003-Dec-24	8:47	224	6.2	27.4	13.85	0	0	0	
2003-Dec-24	8:48	229	6.2	32.6	13.98	0	0	0	
2003-Dec-24	8:48	87	3.0	37.1	13.53	0	0	0	
2003-Dec-24	8:50	179	5.9	41.7	13.50	0	0	0	
2003-Dec-24	8:51	215	5.9	46.6	14.48	0	0	0	
2003-Dec-24	8:52	188	5.8	51.4	14.04	0	0	0	
2003-Dec-24	8:52	197	5.8	56.3	14.05	0	0	0	
2003-Dec-24	8:53	229	6.3	61.5	14.02	0	0	0	
2003-Dec-24	8:54	211	6.2	66.7	13.85	0	0	0	
2003-Dec-24	8:55	174	5.5	71.9	14.16	0	0	0	
2003-Dec-24	8:55								End Tail Slurry
2003-Dec-24	8:55	119	3.0	73.1	14.50	0	0	0	
2003-Dec-24	8:56	92	0.0	74.3	14.53	0	0	0	
2003-Dec-24	8:56								Reset Total, Vol = 74.27 bbl
2003-Dec-24	8:56	87	0.0	0.0	14.53	0	0	0	
2003-Dec-24	8:57	-14	0.0	0.0	14.51	0	0	0	
2003-Dec-24	8:57	23	3.0	0.2	10.15	0	0	0	
2003-Dec-24	8:58	23	3.0	2.7	10.24	0	0	0	
2003-Dec-24	8:59	46	3.5	5.6	8.99	0	0	0	
2003-Dec-24	9:00	-9	0.0	6.3	8.73	0	0	0	
2003-Dec-24	9:01	-14	0.0	6.3	9.55	0	0	0	
2003-Dec-24	9:02	46	5.8	7.6	8.44	0	0	0	
2003-Dec-24	9:02	96	5.5	10.4	8.44	0	0	0	
2003-Dec-24	9:02								Start Displacement
2003-Dec-24	9:02	92	5.5	11.6	8.63	0	0	0	
2003-Dec-24	9:02								Drop Top Plug

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Date	Time	Treating Pressure	Flow Rate	Volume	CWT DENS				Message
psi	gpm	bbt	lb/gal						
2003-Dec-24	9:03	92	5.5	12.2	8.53	0	0	0	
2003-Dec-24	9:03	92	5.5	11.4	8.47	0	0	0	
2003-Dec-24	9:04	220	5.5	18.0	8.49	0	0	0	
2003-Dec-24	9:05	330	5.5	20.5	8.47	0	0	0	
2003-Dec-24	9:06	430	5.5	25.3	8.47	0	0	0	
2003-Dec-24	9:07	421	4.0	28.5	8.47	0	0	0	
2003-Dec-24	9:08	457	4.0	31.5	8.45	0	0	0	
2003-Dec-24	9:08	508	3.0	34.9	8.45	0	0	0	
2003-Dec-24	9:09	522	2.3	37.0	8.45	0	0	0	
2003-Dec-24	9:10	554	2.0	38.7	8.45	0	0	0	
2003-Dec-24	9:11	595	2.0	40.3	8.45	0	0	0	
2003-Dec-24	9:12	627	2.0	42.0	8.45	0	0	0	
2003-Dec-24	9:13	654	2.0	43.5	8.45	0	0	0	
2003-Dec-24	9:13	714	1.9	45.2	8.45	0	0	0	
2003-Dec-24	9:14	755	1.9	46.9	8.45	0	0	0	
2003-Dec-24	9:15	782	1.9	48.5	8.45	0	0	0	
2003-Dec-24	9:15								Bump Top Plug
2003-Dec-24	9:15	1044	0.0	48.8	8.45	0	0	0	
2003-Dec-24	9:15								End Displacement
2003-Dec-24	9:15	1053	0.0	48.8	8.45	0	0	0	
2003-Dec-24	9:16	1071	0.0	48.8	8.45	0	0	0	
2003-Dec-24	9:17	815	0.0	48.7	8.50	0	0	0	
2003-Dec-24	9:18	-9	0.0	48.7	8.69	0	0	0	

**Post Job Summary**

Slurry	W2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	W2
5.5	0	0	6	142	0	20	
Maximum	Final	Average	Bump Plug In	Breakdown	Volume	Density	
1500		200			dbt	lb/gal	
RTW - IP9	WASHED THRU PARTS	142 dbt	dbt	°F			
Customer or Authorized Representative				Schlumberger Supervisor			

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Schlumberger

Service Order

2003-Dec-17

Customer OXY USA, INC.		Person Taking Call Sola Lasisi, Tajudeen		Dowell Location Perryton, TX		Order Date 2003-Dec-17		Job Number 2205544489			
Well Name and Number TAIT D4D3			Legal Location SEC 34-T24S-R33		Field		County FINNEY CO		State/Province KANSAS		
Well Master: 0630543323			API / UWI:								
Rig Name		Well Age New		Sales Engineer Cambren, Charles			Job Type Cem Surface Casing				
Time Well Ready:		Deviation		SB Size 12.3 in		Well MD 1,150 ft		Well TVD 1,150 ft		BHP 1000 psi	
										SHST 90 °F	
										SBCT 90 °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	
Casing						Services Instructions:					
Depth, ft		Size, in		Weight, lb/ft		Grade		Thread		CEMENT 8 5/8 IN SURFACE CASING WITH:	
1150		8.625		24		K55		8RD		335 SKS 35/65 POZ C + 6% D20 + 2% S1 + 0.5PPS D29	
										150 SKS CLASS C + 2% S001 + 0.25 PPS D29	
Tubing						Extra Equipment:					
Depth,		Size, in		Weight, lb/ft		Grade		Thread		2 ABTS	
										1 PUMP	
										1 CEMCAT	
Perforated Intervals						RECEIVED KANSAS CORPORATION COMMISSION APR 14 2004					
Top, ft		Bottom, ft		spf		No. of Shots		Total Interval ft		CONSERVATION DIVISION WICHITA, KS	
Expected On Location:						Ready To Pump:					

Contact	Voice	Mobile	FAX	Notes
Company Rep				

Notes:  
FE == 8 5/8 TOP WOODEN PLUG

Alex Be @ yard ± midnite  
We will call you for exact yard time

Directions:  
FROM PLYMELL SCHOOL ON HWY "83" GO 3-1/4 MILES NORTH ON HWY "83" TO ANNE SHEAR RD == 3-3/4 MILES WEST ON ANNE SHEAR RD TO RED GATES ON NORTH SIDE == 5 MILES NORTH ON TRAIL RD TO NORTH SIDE OF COMPRESSOR STATION == 1 MILE WEST ON TRAIL TO LOCATION

Other Notes:  
PLEASE FOLLOW CONVOY POLICIES AND BE SAFE!!!

Thanks  
Kiam

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202-1225



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Comments:

Fluid Systems:

SPACER			
10 BBL OF FRESH WATER			
Density:	8.32	lb/gal	Thickening Time:
Yield:		ft <sup>3</sup> /sk	
H2O Mix:	0	gal/sk	
H2O:	0	gal	Eq. Sack Weight: 0 lb
			Total Blend: 0 sacks
Dowell Code	Conc/ Amount	Total Quantity	

TAIL			
150 SKS CLASS C+2%S1+0.25 PPS D29			
Density:	14.8	lb/gal	Thickening Time:
Yield:	1.34	ft <sup>3</sup> /sk	
H2O Mix:	6.3	gal/sk	
H2O:	945	gal	Eq. Sack Weight: 94 lb
			Total Blend: 150 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D028	0.25 lbs/sk	37.5	
CLASS C	94 lbs/sk	14100	
S001	1.88 lbs/sk	282	

LEAD			
335 SKS 35/65 POZ C + 6.0% D20 + 2% S1 + 0.5 PPS D29			
Density:	12.2	lb/gal	Thickening Time:
Yield:	2.17	ft <sup>3</sup> /sk	
H2O Mix:	17.7	gal/sk	
H2O:	5929.5	gal	Eq. Sack Weight: 88.75 lb
			Total Blend: 335 sacks
Dowell Code	Conc/ Amount	Total Quantity	
CLASS C	61.1 lbs/sk	20468.5	
D20	5.325 lbs/sk	1783.875	
S001	1.775 lbs/sk	594.625	
D29	0.5 lbs/sk	167.5	
POZ	27.65 lbs/sk	9262.75	

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**Cementing Service Report**

**ORIGINAL**

Customer <b>OXY USA, INC.</b>						Job Number <b>22055</b>			
Well <b>TAIT D-4</b>			Location (Pgm) <b>SEC 34-T249-R33W</b>			Schlumberger Location <b>Perryton, TX</b>		Job Start <b>2003-Dec-22</b>	
Field		Formation Name/Type		Deviation	BH Size	Well MD	Well TVD		
				-	12.3 in	1,130 ft	1,130 ft		
County <b>FINNEY CO</b>		State/Province <b>KANSAS</b>		BHP	BHST	BHCT	Pore Press. Gradient		
				1000 psi	90 °F	90 °F	psi/ft		
Well Master: <b>0630543323</b>		API / UWI:		Casing/Liner					
Rig Name	Drilled For	Service Vis		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
	Oil & Gas	Land		1130	8.625	24	K55	8RD	
Offshore Zone	Well Class	Well Type		Tubing/Drill Pipe					
	New	Development		Depth,	Size, in	Weight, lb/ft	Grade	Thread	
Drilling Fluid Type	Max. Density	Plastic Viscosity							
	lb/gal	cp							
Service Line	Job Type		Perforations/Open Hole						
Cementing	Cem Surface Casing		Top, ft	Bottom, ft	sp/	No. of Shots	Total Interval		
Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	Wellhead Connection					ft		
1500 psi	psi	8 5/8 HS&M							
Service Instructions									
CEMENT 8 5/8 IN SURFACE CASING WITH:									
335 SKS 35/65 POZ C + 6% D20 + 2% S1 + 0.5PPS D29									
150 SKS CLASS C + 2% S001 + 0.25 PPS D29									
Treat Down	Displacement		Packer Type		Packer Depth				
Casing	68.6 bbl		None		0 ft				
Tubing Vol.	Casing Vol.	Annular Vol.		Open Hole Vol					
bbl	71.36 bbl	83.73 bbl		155.1 bbl					
Casing/Tubing Secured <input checked="" type="checkbox"/>			1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>			Casing Tools		Squeeze Job	
Lift Pressure: psi			Pipe Reciprocated <input type="checkbox"/>			Shoe Type: Guide	Squeeze Type		
Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input type="checkbox"/>			Shoe Depth: 1130 ft	Tool Type:		
No. Centralizers: Top Plugs: 1 Bottom Plugs: 0			Stage Tool Type:			Tool Depth: ft			
Cement Head Type: Single			Stage Tool Depth: ft			Tail Pipe Size: in			
Job Scheduled For: Arrived on Location: Leave Location:			Collar Type: AUTO-Fill			Tail Pipe Depth: ft			
2003-Dec-22 7:15 2003-Dec-22 16:00			Collar Depth: ft			Sqr Total Vol: bbl			
Date	Time	Treating Pressure	Flow Rate	Density	Volume			Message	
	24 hr clock	psi	bb/min	lb/gal	gal				
2003-Dec-22	13:30	0	0.0	8.45	0.0	0	0		
2003-Dec-22	13:30	0	0.0	8.45	0.0	0	0		
2003-Dec-22	13:30							Start Job RECEIVED	
2003-Dec-22	13:30	0	0.0	8.45	0.0	0	0	KANSAS CORPORATION COMMISSION	
2003-Dec-22	13:31	0	0.0	8.45	0.0	0	0	APR 14 2004	
2003-Dec-22	13:31	0	0.0	8.45	0.0	0	0		
2003-Dec-22	13:32	0	0.0	8.45	0.1	0	0	CONSERVATION DIVISION	
2003-Dec-22	13:32	5	0.0	8.45	0.1	0	0	WICHITA, KS	
2003-Dec-22	13:32	0	0.0	8.45	0.1	0	0		
2003-Dec-22	13:32							Pressure Test Lines	
2003-Dec-22	13:32							Reset Total, Vol = 0.13 bbl	
2003-Dec-22	13:32	0	0.0	8.45	0.1	0	0		
2003-Dec-22	13:33	0	0.0	8.44	0.0	0	0		
2003-Dec-22	13:33	0	0.0	8.44	0.0	0	0		
2003-Dec-22	13:34	0	0.0	8.44	0.0	0	0		
2003-Dec-22	13:34	0	0.0	8.44	0.0	0	0		
2003-Dec-22	13:34							Reset Total, Vol = 0.00 bbl	
2003-Dec-22	13:34	0	0.0	8.44	0.0	0	0		
2003-Dec-22	13:34							Start Mixing Lead Slurry	
2003-Dec-22	13:34	0	0.5	8.44	0.0	0	0		
2003-Dec-22	13:35	0	3.2	8.44	1.0	0	0		
2003-Dec-22	13:35	0	5.5	8.44	3.1	0	0		

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Well		TART		Service Date		Customer		COXY USA		Message	
Date	Time	Flow Rate	Density	Volume	Flow Rate	Density	Volume	Flow Rate	Density	Volume	Message
2003-Dec-22	13:36	0	5.2	8.44	5.8	0	0	0	0	0	
2003-Dec-22	13:36	0	5.2	8.44	8.5	0	0	0	0	0	
2003-Dec-22	13:37										Reset Total, Vol = 10.29 bbl
2003-Dec-22	13:37	0	5.2	8.54	10.3	0	0	0	0	0	
2003-Dec-22	13:37	0	5.3	8.80	0.8	0	0	0	0	0	
2003-Dec-22	13:37	0	5.3	9.48	3.4	0	0	0	0	0	
2003-Dec-22	13:38	0	5.3	11.01	6.1	0	0	0	0	0	
2003-Dec-22	13:38	0	5.4	12.37	8.8	0	0	0	0	0	
2003-Dec-22	13:39	0	5.4	12.75	11.4	0	0	0	0	0	
2003-Dec-22	13:39	5	5.4	12.46	14.1	0	0	0	0	0	
2003-Dec-22	13:40	0	5.4	12.39	16.9	0	0	0	0	0	
2003-Dec-22	13:40	5	5.4	12.43	19.6	0	0	0	0	0	
2003-Dec-22	13:41	0	5.5	12.41	22.3	0	0	0	0	0	
2003-Dec-22	13:41	5	5.5	12.37	25.0	0	0	0	0	0	
2003-Dec-22	13:42	5	5.5	12.47	27.8	0	0	0	0	0	
2003-Dec-22	13:42	0	5.5	12.64	30.5	0	0	0	0	0	
2003-Dec-22	13:43	0	5.5	12.56	33.3	0	0	0	0	0	
2003-Dec-22	13:43	5	5.5	12.43	36.1	0	0	0	0	0	
2003-Dec-22	13:44	0	5.5	12.38	38.8	0	0	0	0	0	
2003-Dec-22	13:44	0	5.5	12.46	41.6	0	0	0	0	0	
2003-Dec-22	13:45	5	5.5	12.56	44.4	0	0	0	0	0	
2003-Dec-22	13:45	0	5.5	12.59	47.1	0	0	0	0	0	
2003-Dec-22	13:46	5	5.5	12.55	49.9	0	0	0	0	0	
2003-Dec-22	13:46	0	5.5	12.47	52.7	0	0	0	0	0	
2003-Dec-22	13:47	0	5.6	12.42	55.5	0	0	0	0	0	
2003-Dec-22	13:47	5	5.6	12.42	58.4	0	0	0	0	0	
2003-Dec-22	13:48	5	5.6	12.44	61.1	0	0	0	0	0	
2003-Dec-22	13:48	0	5.6	12.69	63.9	0	0	0	0	0	
2003-Dec-22	13:49	0	5.6	12.32	66.7	0	0	0	0	0	
2003-Dec-22	13:49	0	5.6	12.69	69.5	0	0	0	0	0	
2003-Dec-22	13:50	5	5.6	12.88	72.3	0	0	0	0	0	
2003-Dec-22	13:50	0	5.6	12.32	75.1	0	0	0	0	0	
2003-Dec-22	13:51	5	5.6	12.79	77.9	0	0	0	0	0	
2003-Dec-22	13:51	0	5.6	12.72	80.7	0	0	0	0	0	
2003-Dec-22	13:52	0	5.6	12.46	83.6	0	0	0	0	0	
2003-Dec-22	13:52	5	5.6	12.48	86.4	0	0	0	0	0	
2003-Dec-22	13:53	0	5.6	12.56	89.2	0	0	0	0	0	
2003-Dec-22	13:53	5	5.6	12.59	92.0	0	0	0	0	0	
2003-Dec-22	13:54	0	5.6	12.40	94.8	0	0	0	0	0	
2003-Dec-22	13:54	5	5.6	12.42	97.6	0	0	0	0	0	
2003-Dec-22	13:55	0	5.6	12.53	100.4	0	0	0	0	0	
2003-Dec-22	13:55	0	5.6	12.66	103.3	0	0	0	0	0	
2003-Dec-22	13:56	0	5.6	12.57	106.1	0	0	0	0	0	
2003-Dec-22	13:56	0	5.6	12.39	108.9	0	0	0	0	0	
2003-Dec-22	13:57	5	5.6	12.55	111.7	0	0	0	0	0	
2003-Dec-22	13:57	5	5.6	12.66	114.5	0	0	0	0	0	
2003-Dec-22	13:58	0	5.6	12.59	117.4	0	0	0	0	0	
2003-Dec-22	13:58	5	5.6	12.46	120.2	0	0	0	0	0	
2003-Dec-22	13:59	214	5.7	12.47	123.1	0	0	0	0	0	
2003-Dec-22	13:59	214	5.6	12.53	125.9	0	0	0	0	0	
2003-Dec-22	14:00	214	5.6	12.36	128.8	0	0	0	0	0	
2003-Dec-22	14:00	223	5.6	13.46	131.6	0	0	0	0	0	
2003-Dec-22	14:00	223	5.6	13.56	131.9	0	0	0	0	0	
2003-Dec-22	14:00										End Lead Slurry

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Well		Field				Service Date	Customer			Message
TAIT #D-4						03066-Dec-22	OKULUBA INC.			
Date	Time	Reading Pressure	Flow Rate	Density	Volume					
	24 hr clock	psi	bbbl/min	lb/gal	cu ft					
2003-Dec-22	14:00								Start Mixing Tail Slurry	
2003-Dec-22	14:00	223	5.6	13.59	132.1	0	0	0		
2003-Dec-22	14:00								Reset Total, Vol = 132.26 bbl	
2003-Dec-22	14:00	223	5.8	13.61	132.3	0	0	0		
2003-Dec-22	14:01	205	4.4	13.81	134.4	0	0	0		
2003-Dec-22	14:01	182	4.4	13.90	136.6	0	0	0		
2003-Dec-22	14:02	237	5.6	14.81	138.8	0	0	0		
2003-Dec-22	14:02	274	5.9	15.06	141.8	0	0	0		
2003-Dec-22	14:03	278	5.9	15.13	144.7	0	0	0		
2003-Dec-22	14:03	278	5.9	15.14	147.6	0	0	0		
2003-Dec-22	14:04	266	5.9	14.99	150.6	0	0	0		
2003-Dec-22	14:04	269	5.9	14.91	153.5	0	0	0		
2003-Dec-22	14:05	269	5.9	14.98	156.4	0	0	0		
2003-Dec-22	14:05	278	5.9	15.18	159.4	0	0	0		
2003-Dec-22	14:06	283	5.9	15.34	162.3	0	0	0		
2003-Dec-22	14:06	287	5.9	15.35	165.2	0	0	0		
2003-Dec-22	14:07	242	4.3	15.36	168.1	0	0	0		
2003-Dec-22	14:07	95	0.0	15.29	168.8	0	0	0		
2003-Dec-22	14:08	91	0.0	15.29	168.8	0	0	0		
2003-Dec-22	14:08	91	0.0	10.13	168.8	0	0	0		
2003-Dec-22	14:09	95	0.0	9.89	168.8	0	0	0		
2003-Dec-22	14:09	95	0.0	9.89	168.8	0	0	0		
2003-Dec-22	14:10	95	0.0	9.89	168.8	0	0	0		
2003-Dec-22	14:10	95	0.0	9.89	168.8	0	0	0		
2003-Dec-22	14:11	95	0.0	9.87	168.8	0	0	0		
2003-Dec-22	14:11	95	0.0	9.87	168.8	0	0	0		
2003-Dec-22	14:12	95	0.0	9.87	168.8	0	0	0		
2003-Dec-22	14:12	95	0.0	9.86	168.8	0	0	0		
2003-Dec-22	14:13	95	0.0	9.86	168.8	0	0	0		
2003-Dec-22	14:13	91	0.0	9.86	168.8	0	0	0		
2003-Dec-22	14:14	95	0.0	9.52	168.8	0	0	0		
2003-Dec-22	14:14	95	0.0	9.36	168.8	0	0	0		
2003-Dec-22	14:15	91	0.0	9.17	168.8	0	0	0		
2003-Dec-22	14:15								Reset Total, Vol = 36.53 bbl	
2003-Dec-22	14:15	91	0.0	9.18	168.8	0	0	0		
2003-Dec-22	14:15								Reset Total, Vol = 0.00 bbl	
2003-Dec-22	14:15	95	0.0	9.18	0.0	0	0	0		
2003-Dec-22	14:15								End Tail Slurry	
2003-Dec-22	14:15	91	0.0	9.19	0.0	0	0	0		
2003-Dec-22	14:15								Start Displacement	
2003-Dec-22	14:15	91	0.0	9.20	0.0	0	0	0		
2003-Dec-22	14:16	173	3.5	9.20	0.2	0	0	0		
2003-Dec-22	14:16	187	5.6	9.21	2.9	0	0	0		
2003-Dec-22	14:17	173	5.6	8.60	5.7	0	0	0		
2003-Dec-22	14:17	146	5.6	8.45	8.5	0	0	0		
2003-Dec-22	14:18	150	5.7	8.61	11.3	0	0	0		
2003-Dec-22	14:18	164	5.7	8.62	14.2	0	0	0		
2003-Dec-22	14:19	159	5.7	8.45	17.0	0	0	0		
2003-Dec-22	14:19	164	5.7	8.47	19.8	0	0	0		
2003-Dec-22	14:20	178	5.7	8.47	22.7	0	0	0		
2003-Dec-22	14:20	191	5.7	8.45	25.5	0	0	0		
2003-Dec-22	14:21	200	5.7	8.45	28.4	0	0	0		
2003-Dec-22	14:21	214	5.8	8.45	31.3	0	0	0		
2003-Dec-22	14:22	233	5.7	8.45	34.1	0	0	0		

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**ORIGINAL**

Well	TAIT #D-4	Field	Service Date	Customer	Job Number					
			03350-Dec-22	COXY USA, INC.	220844488					
Date	Time	Pump Rate	Slurry Rate	Pressure	Volume	Spacers	Surfactant	Surfactant	Surfactant	Message
2003-Dec-22	14:22	246	5.8	8.45	37.1	0	0	0	0	
2003-Dec-22	14:23	274	5.8	8.45	40.0	0	0	0	0	
2003-Dec-22	14:23	287	5.8	8.45	42.9	0	0	0	0	
2003-Dec-22	14:24	306	5.8	8.45	45.7	0	0	0	0	
2003-Dec-22	14:24	324	5.9	8.45	48.7	0	0	0	0	
2003-Dec-22	14:25	274	3.6	8.44	51.2	0	0	0	0	
2003-Dec-22	14:25	301	3.6	8.44	53.0	0	0	0	0	
2003-Dec-22	14:26	301	3.0	8.44	54.6	0	0	0	0	
2003-Dec-22	14:26	315	3.0	8.44	56.0	0	0	0	0	
2003-Dec-22	14:27	306	1.8	8.44	57.0	0	0	0	0	
2003-Dec-22	14:27	324	1.9	8.44	58.2	0	0	0	0	
2003-Dec-22	14:28	333	1.9	8.44	59.1	0	0	0	0	
2003-Dec-22	14:28	342	1.9	8.44	60.1	0	0	0	0	
2003-Dec-22	14:29	342	1.9	8.44	61.0	0	0	0	0	
2003-Dec-22	14:29	361	1.9	8.44	61.9	0	0	0	0	
2003-Dec-22	14:30	356	1.8	8.44	62.9	0	0	0	0	
2003-Dec-22	14:30	379	1.8	8.44	63.8	0	0	0	0	
2003-Dec-22	14:31	352	1.8	8.44	64.7	0	0	0	0	
2003-Dec-22	14:31	393	1.8	8.44	65.6	0	0	0	0	
2003-Dec-22	14:32	342	1.8	8.44	66.5	0	0	0	0	
2003-Dec-22	14:32	370	1.8	8.44	67.4	0	0	0	0	
2003-Dec-22	14:33	480	0.0	8.44	68.0	0	0	0	0	
2003-Dec-22	14:33									End Displacement
2003-Dec-22	14:33	480	0.0	8.44	68.0	0	0	0	0	
2003-Dec-22	14:33									Bump Top Plug
2003-Dec-22	14:33									Drop Top Plug
2003-Dec-22	14:33	480	0.0	8.44	68.0	0	0	0	0	
2003-Dec-22	14:33	475	0.0	8.44	68.0	0*	0	0	0	
2003-Dec-22	14:34	95	0.0	8.44	68.0	0	0	0	0	
2003-Dec-22	14:34									Reset Total, Vol = 67.97 bbl
2003-Dec-22	14:34	95	0.0	8.44	68.0	0	0	0	0	
2003-Dec-22	14:34	100	0.0	8.44	0.0	0	0	0	0	
2003-Dec-22	14:34									End Job
2003-Dec-22	14:34	100	0.0	8.44	0.0	0	0	0	0	
2003-Dec-22	14:35	95	0.0	8.44	0.0	0	0	0	0	
2003-Dec-22	14:35	100	0.0	8.44	0.0	0	0	0	0	
2003-Dec-22	14:51									

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 CONSERVATION DIVISION  
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**Post Job Summary**

Average Pump Rates, bpm Slurry N2 Mud Maximum Rate		Total Slurry		Volume of Fluid Injected, bbl Mud Spacer N2	
Treating Pressure Summary, psi Maximum Final Average Bump Plug to Breakdown		Breakdown Fluid Volume Density		Cement Circulated to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Washed Thru Perfs To ft	
Avg. N2 Percent % Customer or Authorized Representative		Designed Slurry Volume bbl Displacement bbl Schlumberger Supervisor		Mix Water Temp °F Volume bbl Density lb/gal	
Rep. Company		Warren, Timothy		<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed	

KCC  
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