Notary Public - State of Kansas

My Appt. Expires October 1, 2009



ORIGINAL 3

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

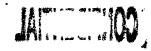
Form Must Be Typed

CONSERVATION DIVISION

WICHITA, KS

Name: OXY USA Inc. Address: P.O. Box 2528. County: Haskell SE - NE Sec 7 Twp.34S S. R. 39W Derator Contact Person: Jarod Powell Contractor: Name: Trinicad Drilling Limited Parinership License: Meliste Geologist: NA Neliste Geologist Na Neliste Na	Operator: License # 5447	API No. 15 - 175-22153-0000
Address: P.O. Box 2528 SE SE NE Sec 7 Twp.34S S. R. 33W City/StateC/Ip: Liberat KS 67905 Liberat KS 6790		
City/State/Zip: Liberal, KS 67905 Liberal,		
Purchaser: Unknown Operator Contact Person: 1620 629-4200		
Footages Calculated from Nearest Outside Section Corner:		
Phone: (circle one) NE SE NW SW Contractor: Name: Trinidad Drilling Limited Partnership Lease Name: Salley Melistie Geologist: NA Nester Type of Completion: X New Well Re-Entry Workow X New Well Re-Entry Workow Sas ENHR SIGW Dry Other (Core, WSW, Expl. Cathodic, etc) If Workower/Re-entry: Old Well Info as follows: Operator: Well Name: Original Total Depth: Depending Re-pert. Corn. To Entr./SWD Plug Back Total Depth: 6700 Plug Back Total Depth: 6868 Amount of Surface Pipe Set and Cemented at 1507 feet Multiple Stage Cementing Collar Used? ves No If yes, show depth set If Alternate It completion, cement circulated from teet depth to white Plug Back Total Depth: 0700 plug Back Total Depth: 6700 Plug Back Total Depth: 6700 Plug Back Total Depth: 6868 Amount of Surface Pipe Set and Cemented at 1507 feet Multiple Stage Cementing Collar Used? ves No If yes, show depth set If Alternate It completion, cement circulated from teet depth to white Plug Back Total Depth: 0700 plug Back To		
Lease Name:	Phone: (620) 629-4200	
Feb. 19 2009 Field Name: Salley Producing Formation: Chester	Contractor: Name: Tripidad Drilling Limited Partnership	
Producing Formation: Chester	***************************************	
Elevation: Ground: 2878 Kelly Bushing: 2890	Wellsite Geologist: N/A	
X New Well Re-Entry Workover X Oil SWD SIOW Temp. Abd. Total Depth: 6700 Plug Back Total Depth: 6668 Amount of Surface Pipe Set and Cemented at 1507 feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set If Alternate II completion, cement circulated from Sx mm. Well Name: Original Total Depth: Corn. To Enthr/SWD Deepening Re-pert. Corn. To Enthr/SWD Dela Completion Docket No. Dual Completion Docket No. Dual Completion Docket No. Docket No. Dual Completion Docket No. Docket No. Dual Completion Date Reached TD Completion Date Recompletion Dat		
Amount of Surface Pipe Set and Cemented at 1507 feet Multiple Stage Cementing Collar Used?		
Multiple Stage Cementing Collar Used?		
Dry Other (Core, WSW, Expl, Cathodic, etc) If Yes, show depth set		<u> </u>
If Alternate II completion, cement circulated from feet depth to		
Departor:		
Original Comp. Date:Original Total Depth:	-	
Original Comp. Date:Original Total Depth:		AI+1-DG-4/13/09
Original Comp. Date:Original Total Depth:	YYGH IYGHIG.	Drilling Fluid Management Plan
Deepening Re-perf. Conv. To Enhr/SWD Plug Back Plug Back Total Depth Docket No. Dual Completion Docket No. Dual Completion Docket No. Docket No	Original Comp. Date: Original Total Depth:	
Plug Back Plug Back Plug Back Total Depth Dewatering method used Evaporation Location of fluid disposal if hauled offsite: Dual Completion Docket No. Docket No. Docket No. Dother (SWD or Enhr.?) Docket No. Docket No. Docket No. Devaporation Plug Plug Plug Plug Plug Plug Plug Plug		
Dual Completion Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. 10/24/2008 11/04/2008 11/04/2008 11/04/2008 11/04/2008 Date Reached TD Completion Date or Recompletion Date Recompletion Date NSTRUCTIONS: An original an two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market − Room 2078, Wichita, (ansas 6702, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-108 and 82-3-107 apply. To roor fidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL DEMENTINGTICKETS 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 nerein are complete and correct to the best of my knowledge. Subscribed and sworn to before me this Date February 9, 2009 Notary Public: Date Commission Expires: Lease Name: Nichols Fluid Service, Inc. Demand: Nichols Fluid Service, Inc. Lease Name: Nichols Fluid Service, Inc. Demand: Nichols Fluid Service, Inc. Lease Name: Johnson #3 License No.: 31983 Country Sec. 16 Twp, 34 S. R. 32 □ East West Country Sec. 16 Twp, 34 S. R. 32 □ East West Country Sec. 16 Twp, 34 S. R. 32 □ East West Country Sec. 16 Twp, 34 S. R. 32 □ East West Country Sec. 16 Twp, 34 S. R. 32 □ East West Country Sec. 16 Twp, 34 S. R. 32 □ East West Country Sec. 16 Twp, 34		
Dual Completion Docket No		
Other (SWD or Enhr.?) Docket No		· ·
10/24/2008		,
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date County: Seward Docket No.: D-27805 NSTRUCTIONS: An original an 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 DEMENTINGTICKETS 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:		
NSTRUCTIONS: An original an 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 DEMENTINGTICKETS 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: Capital Assets Date February 9, 2009 Notary Public: Wireline Log Received Geologist Report Received Wireline Log Received Geologist Report Received Wireline Log Received UIC Distribution TELEURICATION TO THE PROPERTION TO THE PROPERTIES TO THE PROP		<u> </u>
NSTRUCTIONS: An original an two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market – Room 2078, Wichita, (ansas 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 DEMENTINGTICKETS 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 of the statutes and correct to the best of my knowledge. Signature: Capital Assets Date February 9, 2009 Notary Public: Wireline Log Received Geologist Report Received Wireline Log Received UIC Distribution TERD 14.1 A. Septimization of the statute with this form. ALL Revenue 48-3-107 apply. Revenue 48-3-107 appl		County: Seward Docket No.: D-27805
Capital Assets Date February 9, 2009 Capital Assets Capital Assets Date February 9, 2009 Capital Assets C	Kansas 6702, within 120 days of the spud date, recompletion, workover or co Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs	onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL
KCC Office Use Only Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received Wireline Log Received Control of Confidentiality Attached UIC Distribution Confidentiality Attached If Denied, Yes Date: Wireline Log Received Confidentiality Attached If Denied, Yes Date: Wireline Log Received Confidentiality Attached UIC Distribution UIC Distribution UIC Distribution UIC Distribution UIC Distribution UIC Distribution		e the oil and gas industry have been fully complied with and the statements
Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received KANSAS CORPORATION OF	herein are complete and correct to the best of my knowledge.	KCC Office Use Only
Subscribed and sworn to before me this	Signature: Jal Four	X X X X X X X X X X X X X X X X X X X
Subscribed and sworn to before me this	Title: Capital Assets Date February 9 2009	_ · ·
Wireline Log Received Geologist Report Received Wireline Log Received Geologist Report Received WIC Distribution Wireline Log Received	0.49 Ep	If Denied, Yes Date:
Notary Public: Geologist Report Received Geologist Report Received UIC Distribution CONTROL CONT		Wireline Los Bessived
Notary Public:	20 09	vvireline Log Heceived
Date Commission Expires: 1004 2009	rectally rublic.	KANSAS CORPOPATION POWE
	Date Commission Expires:	OIO DISTIBUTION

ORIGINAL SAME



JAITVEILE OIL

Side Two

Operator Name:OXY USA Inc.						Lease Name	: Metcalf		Well #:5-7			
Sec T	wp. <u>34</u> S.	R. <u>33W</u>	_ 🗆 E	ast 🗌 We	est	County:		Seward				
Instructions: Show time tool open and o fluid recovery, and fl Wireline Logs surve	losed, flowing an ow rates if gas to	d shut-in pr surface tes	essures, v st, along v	whether shu vith final cha	ut-in pre	essure reacl	ned static level,	hydrostatic pr	essures, bottom h	ole temperature,		
Drill Stem Tests Tak (Attach Additional Sh		☐ Yes	⊠ No			Log	Formation (Top	o), Depth and	Datum	Sample		
Samples Sent to Ge		☐ Yes	⊠ No		- 1	Name Chase			Top 2700	Datum 190		
Cores Taken	ological currey	☐ Yes			- 1	Council Gro	ve		3023	-133		
Electric Log Run		√⊠ Yes	☐ No			Wabaunsee			3470	-580		
(Submit Copy)					l	Heebner			4307	-1417		
List All E. Logs Run: CBL	1					Toronto			4350 4552	-1460 -1662		
	on Induction/Gam	ma Pav				Lansing Kansas City	,		4872	-1982		
nigh Deliniu	on induction/Gan	ша пау				Marmaton			5191	-2301		
							(See Side 3)		0101	2001		
		Repor		SING RECC		⊠ New ☐ ce. intermedia	Used te, production, etc	i.				
Purpose of String	Size Hole Drilled	Size Ca	asing	Weight Lbs./ft.	,	Setting Depth	Type of Cement	# Sacks Used		nd Percent ditives		
Conductor	Dillied	Set(in. 0	5.5.)	LUS./II.		Бери	Cement	Oseu	Au	unives		
Surface	12 1/4	8 5/8 24		24	15	607	c c	670 150	ExtendaCem + a HalCem + additiv			
Production	7 7/8	4 1/2		11.6	67	'10	С	185	HalCem + additiv	es		
L	-		ADDITIO	NAL OFME	NITINIO	. / COUEEZ	- DECODD	1	<u> </u>			
				NAL CEME	NTING	i / SQUEEZE	HECORD					
Purpose:	Depth Top Bottom		oe of ment	#Sacks l	Used	d Type and Percent Additives						
Protect Casing	-											
Plug Back TD												
Plug off Zone	-											
Shots Per Foot	PERFORATIO	N RECORD	- Bridge Pl	ugs Set/type					nt Squeeze Record	Donth		
4		otage of Each 91, 6393-6				Acid: 2000	Amoui) gals 15% HCl	nt and Kind of N	патенан Оѕеој	Depth		
· ·		,	,				00 gals 15# X-L	ink w/70Ω fo:	am:			
				· <u>-</u> .		 	000 gais 10 / 7 / 2		,			
						- 55,0						
-	· · · · · · · · · · · · · · · · · · ·					<u> </u>						
TUBING RECORD	Size	Set At	Pa	acker At		Liner Run	·-					
	2-3/8	6438					Yes	⊠ No	ر سال په د د د د	*		
Date of First, Resumed	i i	or Enhr.	Producin	g Method	7 6	ing Dir	mpina Π G	sactiff	Other (Evelsia)			
	· · · · · · · · · · · · · · · · · · ·				Flowi			<u> </u>	Other (Explain)	Gravity		
Estimated Production Per 24 Hours	Oil BBL	5		Gas Mcf 0	/	1	er Bbls 46	Gas-	Oil Ratio	Gravity		
Disposition of Gas		MI	ETHOD O	F COMPLE	Z ETION		· 	Produ	ction Interval			
<u> </u>	☐ Sold ☐				pen Ho	ole 🛛 Pe	rf. Dually		Commingled			
	ed, Submit ACO						•	· — ,	,	, ,		
					mer (S)	pecify)			· ' ' ' · ' · · · · · · · · · · · · · ·			

CONTINUINAL

Side Three

Operator Name: OXY			OXY USA Inc.	·	_ Lease Name:	Metcalf	Well #:	5-7	
Sec7	Twp.	34	S. R. <u>33W</u>	☐ East ☐ West	County:	Se		_	
Name	·			Тор		<u>Datum</u>			
Cherokee				5523		-2633			
Atoka				5626		-2736			
Morrow				5828		-2938			
Lower Morro	w			5970		-3080			
Morrow S3a				6055		-3165			
Morrow S3b				6077		-3187			
Chester C3				6096		-3206			
Chester C2				6113		-3223			
Chester C1				6139		-3249			
Chester BZN				6198		-3308			
Chester AZN			•	6328		-3438			
St Genevieve)			6457		-3567			
St Louis				6521		-3631			

KCC FEB 0 9 2009 CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

FEB 1 1 2009

CONSERVATION DIVISION WICHITA, KS



7.20.130

Summit Version:

Cementing Job Summary

The Road to Excellence Starts with Safety **Ship To #**: 2690943 Quote #: Sales Order #: 6267121 Sold To #: 301145 Customer: CABOT OIL & GAS PRODUCTION CORP Customer Rep: Hurst, Robert Well #: 5-7 API/UWI #: Well Name: Metcalf City (SAP): LIBERAL County/Parish: Seward State: Kansas Field: Legal Description: Section 7 Township 34S Range 33W RECEIVED Rig/Platform Name/Num: 202 Contractor: TRINIDAD KANSAS CORPORATION COLAMIS FEB 0 9 2009 Job Purpose: Cement Surface Casing Well Type: Development Well CONFIDENTIAL Job Type: Cement Surface Casing FFB 1 1 2009 Sales Person: CRAWFORD, ROBERT Srvc Supervisor: WILTSHIRE, MBU ID Emp #: 195811 MERSHEK CONSERVATION DIVISIO WICHITA KS **Job Personnel** Exp Hrs Exp Hrs **HES Emp Name** Emp# **HES Emp Name** Emp# **HES Emp Name** Emp# Exp Hrs MIGUEL, GREGORIO MATA, ADOLFO V LOPEZ, JUAN 9.5 198514 9.5 419999 9.5 442124 Pedro Rosales 9.5 195811 VASQUEZ-GIRON. 9.5 404692 WILTSHIRE. MERSHEK T **VICTOR Equipment** HES Unit # HES Unit # Distance-1 way HES Unit # HES Unit # Distance-1 way Distance-1 way Distance-1 way Job Hours Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours TOTAL Total is the sum of each column separately autore and the second of the s Date Formation Name Time Time Zone Bottom Formation Depth (MD) Top **Called Out** BHST Form Type On Location Job depth MD 1500. ft Job Depth TVD 1500. ft Job Started 26 - Oct - 2008 04:07 CST Wk Ht Above Floor 26 - Oct - 2008 05:20 Water Depth 5. ft Job Completed CST Perforation Depth (MD) From Пο Departed Loc **Well Data** Weight Description New / Max Size ID Thread Grade Top MD **Bottom** Top Bottom Used pressure in in lbm/ft ft MD TVD TVD psig ft ft ft 12.25 1500. Surface Casing 40 Open Hole Preset Conductor Unknow 19.124 20. 94. 40. n 8.625 8.097 24 J-55 1500. Surface Casing Unknow Sales/Rental/3% Party (HES). Qty | Qty uom Description Depth Supplier PLUG, CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA EA Cols and Accessories Size | Qtv | Make | Depth **Type** Type Size Qtv Make Depth **Type** Size Qty Make **Guide Shoe** Packer Top Plug Float Shoe Bridge Plug **Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers Surfactant Acid Type Gelling Agt Conc Conc Qty Conc % Treatment Fld Conc Inhibitor Conc Sand Type Size Qty State () A Mark ()

Sunday, October 26, 2008 05:30:00



Summit Version: 7.20.130

Cementing Job Summary

₩ S	läge/Plug	#: 1:34	éti.	J. T. 4/82	. AKLU			di.	4884	322	144	7753	4.4.	jantik.	
	Stage		Fluid Name					Qty	Qty suom	Mixing Density Ibm/gal	Yield ft3/sk		d Rate bbl/min	San San See See	tal Mix⊮ I Gal/sk
1	ExtendaCem EXTENDACEM (TM) SYSTEM (45298						2981)	670.0	sacks	12.8	1.83	9.7			9.7
[2 %		CALCI	UM CHLORID	E - HI TEST	T PE	LLET	(1000050	53)						
	0.25 lbm		POLY-	E-FLAKE (101	216940)										
	9.703 Gal		FRES	WATER											
2	HalCem HALCEM (TM) SYSTEM (452986)					36)		150.0	sacks	14.8	1.35	6.37		€	5.37
	2 %		CALCI	UM CHLORID	E - HI TEST	ГРЕ	LLET	(1000050	53)						
	6.365 Gal		FRESH	WATER											
4" (CE	lculated)	Values	1.2	Pressu	res#\$\$		74.50	450,00	A ROBBIA		olumes	"热滋 "			*) / F
Displa	cement		Sh	ut In: Instant		L	ost Re	turns		Cement S	lurry		Pad		
Top Of	Cement		5 N		Cement		Returns		Actual Di	splacem	nent Trea		nent	2	
Frac G	radient		15	Min		S	pacer	\$		Load and	Breakdo	wn	Total J	lob	
	All bus	2 0.472.	Marini,	tore ride	17776		⊈∦.R	ates 🐑	1,000	1.00	(4) (4) L	L. Harris	W.	4 44	1000
Circulating Mixing						Displacement Avg. Job									
Cem	ent Left In	Pipe	Amou	nt 40 ft Re	ason Sho	e Jo	oint								
Frac F	Ring # 1 @		ID	Frac ring #	2@	ID		Frac Rin	g#3@	11)	Frac Ring	#4@	1	D
Th	ne Inform	ation	State	d Herein Is	Correct		Custom	er Represe	entative S	ignature					

RECEIVEL KANSAS CORPORATION COMMISSION

FEB 1 1 2009

CONSERVATION DIVISION WICHITA, KS

KCC FEB 0 9 2009 CONFIDENTIAL

Sunday, October 26, 2008 05:30:00

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 301145 **Ship To #**: 2690943 Quote #: Sales Order #: 6291416 Customer: CABOT OIL & GAS PRODUCTION CORP Customer Rep: API/UWI #: Well Name: Metcalf Well #: 5-7 County/Parish: Seward State: Kansas City (SAP): LIBERAL Field: Legal Description: Section 7 Township 34S Range 33W RECEIVED KANSAS CORPORATION COMMIS Rig/Platform Name/Num: 202 Contractor: TRINIDAD DRILLING Job Purpose: Cement Production Casing FEB 1 1 2009 Well Type: Development Well Job Type: Cement Production Casing Sales Person: CRAWFORD, ROBERT Srvc Supervisor: WILTSHIRE, MBU ID Emp #: 195811 CONSERVATION DIVISION MERSHEK Job Personnel **HES Emp Name** Emp# **HES Emp Name HES Emp Name** Exp Hrs Emp# Exp Hrs Exp Hrs Emp# LOPEZ, JUAN 198514 MATA, ADOLFO V 419999 WILTSHIRE. 195811 4.5 3.5 4.5 Rosales **MERSHEK T** Equipment HES Unit # **HES Unit #** Distance-1 way HES Unit # Distance-1 way **HES Unit #** Distance-1 way Distance-1 way **Job Hours** On Location On Location Operating Operating Date On Location **Date Date** Operating **Hours** Hours Hours **Hours** Hours Hours Total is the sum of each column separately TOTAL Job Limes Formation Name **Date** Time Time Zone Formation Depth (MD) Top Bottom Called Out BHST Form Type On Location Job Depth TVD 03 - Nov - 2008 16:16 Job depth MD 6650. ft Job Started CST Wk Ht Above Floor 03 - Nov - 2008 Water Depth 5. ft Job Completed 17:39 CST Perforation Depth (MD) From Departed Loc Τо **Well Data** Thread Description Top MD New / Max Size ID Weight Grade **Bottom** Top **Bottom** lbm/ft MD Used pressure in in ft TVD TVD psig ft ft ft Production 7.875 1500. 6650. Casing Open Hole Production 4.5 11.6 N-80 6650. New Casing Surface Casing Unknow 8.625 8.097 24. J-55 1500. Sales/Rental/3rd/Party (HES) 1849 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 - 1840 -Description Qty | Qty uom | Depth Supplier PLUG.CMTG.TOP.4 1/2.HWE.3.65 MIN/4.14 MA EA Tools and Accessories Make Depth Size | Qty | Make Depth Type Size Qtv Type Type Size Qtv Make Top Plug Guide Shoe Packer Float Shoe Bridge Plug **Bottom Plug** Float Collar Retainer SSR plug set Plug Container Insert Float Centralizers Stage Tool Miscellaneous Materials 🚱 AND NEW things there is Conc Surfactant Acid Type Conc | % Gelling Agt Conc Qty Treatment Fld Conc Inhibitor Conc Sand Type Size Qty

> FEB 0 9 2009 CONFIDENTIAL

HALLIBURTON

Cementing Job Summary

				inese i dis			id Data		i rava	19.55 A		2 46.9	99:3 %	2 ()4
Fluid	tage/Plug Stage T	All all the second	est HT 4 4	Fluid I	ve r ver ver Vame		Qty	Qty	Mixing	Yield.	Mix Flu	d Rate	Tota	l Mix
#			18.6					uom	Density, Ibm/gal	ft3/sk		bbl/mir		
1	Fresh Wat	er					05.0	bbl	8.33	.0	.0	.0		
2	Halliburto Sack Supei						10.00	bbl	9.5	.0	.0	.0		
	68 lbm/bbl		HALLIBU	JRTON SUPI	ER FLUSH (1	000036	39)							
3	Fresh Wat	er					05.0	bbl	8.33	.0	.0	.0		
4	HaiCem		HALCE	VI (TM) SYST	EM (452986)		185.0	sacks	14.8	1.57	6.83		6.8	83
	6.834 Gal		FRESH	WATER										
	10 %			0% (1000036										
	10 %		CAL-SEAL 60, 50 LB BAG (101217146)											
	0.8 %		HALAD(R)-322, 50 LB (100003646)											
	6 lbm			AL, BULK (10										
	0.4 %		HALAD(R)-344, 50 LB (100003670)											
	0.25 %		D-AIR 3000 (101007446)											
	0.125 lbm		POLY-E-	FLAKE (1012	216940)									
5	Displacem						102.738	bbl	8.43	.0	.0	.0		
	334 lbm/Mga				IDE - KCL, 50		 `	1585)	<u> </u>		1			
6	RAT & MO	USE	(1000036	85)	_ASS G, 94 L		25.0	sacks	14.8	1.33	6.4		6.	4
	94 lbm				ASS G REG	OR TY	PE V, BU	LK (1000	003685)					
	6.401 Gal		FRESH											
		'alues	0 200		res/#1/##	STATE OF THE PARTY	E-E-ARL CONTROL (1992)	A STATE OF THE PARTY OF T	The same of the sa	No. of Control of Cont	<i>(2)</i> (8), <i>3</i>	the most control of the second	ALC: N	447
	cement			In: Instant		ost Re			Cement S			Pad		
	Cement		5 Mi				t Returns		Actual Displacement Load and Breakdown				nent	
	radient		15 M			Spacer			and the street, and the street, and the			Total		
	lating		34.97. °	Mixing	Tan Elektric	Man 2 K	atës Displac	to the second se		30,45)	Avg			* **
Cem	ent Left In I	Pipe	Amount	40 ft Rea	son Shoe	Joint	•					· · · · · · · · · · · · · · · · · · ·		
Frac F	Ring # 1 @		D	Frac ring # 2	@ ID		Frac Rin	g#3@	IE) F	rac Ring	#4@	ΙD	
Th	e Informa	ation	Stated	Herein Is (Custom	er Represe	entative S	ignature					

RECEIVED KANSAS CORPORATION COMMISSION

FEB 1 1 2009

CONSERVATION DIVISION WICHITA KO

KCC FEB 0 9 2009 CONFIDENTIAL

Summit Version: 7.20.130 Monday, November 03, 2008 17:55:00