Form 3160-5 (June 2015)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NMOCD Artesia FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

# 5. Lease Serial No. NMNM20965

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

NIMINIMZU965

abandoned we	ll. Use form 3160-3 (AP	D) for such p	proposals.		6. If Indian, Allottee of	r Tribe Name
SUBMIT IN	TRIPLICATE - Other ins	tructions on	page 2		7. If Unit or CA/Agree	ement, Name and/or No.
Type of Well     Oil Well	ner				8. Well Name and No. RDX FEDERAL C	OM 17 46H
2. Name of Operator RKI EXPLORATION & PROD	Contact: LL E-Mail: crystal.fult	CRYSTAL F on@wpxenerg			9. API Well No. 30-015-44410	
3a. Address 3500 ONE WILLIAMS CENTE TULSA, OK 74172	ER MD35	3b. Phone No Ph: 539-57	o. (include area code) 73-0218		10. Field and Pool or I PURPLE SAGE	Exploratory Area ;WOLFCAMP(GAS
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	i)			11. County or Parish,	State
Sec 17 T26S R30E 75FNL 25	10FWL				EDDY COUNTY	′, NM
12. CHECK THE AI	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE	, REPORT, OR OTH	IER DATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Produc	tion (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	🗖 Нус	Iraulic Fracturing	Reclan	nation	□ Well Integrity
Subsequent Report	☐ Casing Repair	□ Nev	v Construction	☐ Recom	plete	☑ Other Drilling Operations
☐ Final Abandonment Notice	☐ Change Plans	Plug	g and Abandon	☐ Tempo	rarily Abandon	Diming Operations
	☐ Convert to Injection	Plug	g Back	☐ Water 1	Disposal	
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fine PLEASE BE ADVISED SURF.  13.375? 54.5# J55: 0? ? 950' Lead CMT: 860 sks (2) 13.5 pp. bbls/357 sks to SFC.	operations. If the operation re bandonment Notices must be fil inal inspection.  ACE CASING & CEMEN	sults in a multiped only after all	le completion or reco requirements, includ 9/25/2017	mpletion in a ing reclamatio	new interval, a Form 316 n, have been completed a	0-4 must be filed once
9/26/2017 test casing to 1500	psi for 30 minutes. Good	Test.			V	MOITA
The binded Post Job Report is	s attached.			NN	OIL CONSERV	
	Accepted for record	8-17 I-NMOCD			NON 0 1 50	<i>y</i> / ,
14. I hereby certify that the foregoing is	Electronic Submission #	390641 verifie	d by the BLM Wel OD LL, sent to th	Informatio	n System	
	Committed to AFMSS for				11/2017 ()	
Name (Printed/Typed) CRYSTAL	. FULTON		Title PERMI	TING THE		Magny /
				AUYE	PIEDFYRK	CORD //
Signature (Electronic S	Submission)		Date 10/03/20	017 /	/	-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE 1/3 2017	NAVIA
			T			11/1/1 Ph/1
Approved By			Title .		AND CANDERANCE	Total Tute
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conduction of t	itable title to those rights in the		Office		CARLSEAU AELD OF	GET I
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s				willfully to m	ake to any department or a	agency of the United
(Instructions on page 2) ** OPERAT	OR-SUBMITTED ** O	PERATOR-	SUBMITTED *	OPERAT	OR-SUBMITTED	**



# ENERGY SERVICES LLC

# **DESIGN - EXECUTE - EVALUATE - REPORT**

# **SURFACE**

# WPX ENERGY RDX FEDERAL COM 17 # 46H EDDY COUNTY, NEW MEXICO

PRIMARY PUMP: SECONDARY PUMP:

2052

PREPARED BY: JOHN INGRAM

SERVICE SUPERVISOR
ARTESIA DISTRICT
1-575-748-8610

9/24/2017

### **WELL SUMMARY**



### ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY		DATE:	9/24/201	7		
LEASE NAME:	RDX FEDERAL COM 17		OPERATO	R NAME:	WPX ENER	GY	
WELL NUMBER:	#46H		TICKET NO	UMBER:	6518		
API NUMBER:	30-015-444		AFE NUM	BER:	WT46158		
SECTION:		TOWNSHIP	):			RANGE:	
COUNTY: EDDY			STATE:	NM			
RIG NAME: ORION 10		COMPANY		BRYAN KN			361-553-4421
TOTAL PROPERTY AND ADMINISTRA		A CONTRACT	Moration	(ICARAMATA)		A SHOW HAVE	STREET, TO SECURE OF SEC.

US285 SOUTH of Malaga NM to MM #4 turn LEFT and follow CR725

NOTIES

**UPDATED BY MIKE ELLIOTT 8-28-17** 

#SE

ALL EMPLOYEES WEAR PPE

JÖBERROCEDURE

PUMP 20 BBLS GEL SPACER PUMP 610 SKS LEAD SLURRY @ 13.5 PPG

PUMP 200 SKS TAIL SLURRY @ 14.8 PPG SHUT DOWN DROP PLUG DISPLACE WELL

# WELL SUMMARY



# ENERGY SERVICES LLC

		. Year of the state	VV P	LL/CASING			and the second second	
JOB TYPE: SURFACE			·	HOLE SIZE		17 1/2	·	
TVD:	1017				CASING SIZE			
PREVIOUS CASING LB/				PREVIOUS	CASING DEF	PTH:	·	<del></del>
CASING SIZE:	13 3/8			<u> </u>				<del></del>
CASING LB/FT:	54.5			CASING G		J55		
FLOAT COLLAR DEPTH	:963.45	<del></del>		<b></b>	IT LENGTH:	<del></del>		
DV TOOL DEPTH:					V TOOL DEP			·
TOTAL DEPTH:	1017			TOTAL CA		1007		
78 W 18 18 18 18 18 18 18 18 18 18 18 18 18		TWA SEC	A COMPANY	A COLOR AND THE RESIDENCE	ŰΑ :			A Property Control
TBG/D.P. SIZE:				TBG/D.P.				
TBG/D.P. LB/FT:	·			TOOL DEP				
PACKER OR RETAINER				PERF/HOL				
			* ###SURI	- A-william State of the State	Militai	and the first desired and a second		
CEMENT HEAD SIZE:		13 3/8		<del></del>	NNECT SIZE:	13 3/8	<del> </del>	
DRILL PIN SIZE/TYPE:				THREAD:	···	<u> </u>		
TUBING SWEDGE SIZE	<u> </u>				INCH REGUL			
			CHE	MICALS NE	EDED **		FOR STATE	
110# PF 424, 200# SU				EOMBRAIEN				
SUPERVISOR:	John Ingra	m	· · · · · · · · · · · · · · · · · · ·	FIELD REP	RESENTATIV	'E:		
PUMP OPERATOR:	Javier Gon	zalez		UNIT NUN	1BER:	2052		
E/O:				UNIT NUN	1BER:	2017		
E/O:				אטא דואט	1BER:			
E/O:				UNIT NUM	1BER:	BIN 2037		
E/O:				UNIT NUN	1BER:			
<u>., </u>				FLUIDIDAT				
1ST SLURRY:	C + 4% PF20 I	Bentonite + 19		Action to the second se	5 Defoamer + 0	.125 pps PF29	Cellophane	
DENSITY: 13.5	YIELD:	1.73	MIX H2O:	9.116	SACKS:	T	660	
2ND SLURRY:	C + 2% PF1 Ca			1	1			<del></del>
DENSITY: 14.8	YIELD:	1.34	MIX H2O:	6.3	SACKS:	1	200	
3RD SLURRY:			<u> </u>					
DENSITY:	YIELD:		MIX H2O:		SACKS:			
4TH SLURRY:			<del></del>	· •		····		<u></u>
DENSITY:	YIELD:		MIX H2O:		SACKS:		<u></u>	· · · · · · · · · · · · · · · · · · ·
5TH SLURRY		·	<del></del>	<u> </u>		•		<del></del>
<u></u>	<del> </del>					<del></del>	<del></del>	
DENSITY:	YIELD:	]	MIX H20:	1	SACKS:			
DENSITY: DISPLACEMENT TYPE :	<del> </del>		MIX H2O:	MENT VOLU	_ <del></del>		MUD WEIGHT:	

# JOB LOG



# ENERGY SERVICES LLC

COMPANY N	AME:	WPX EN	ERGY		DATE: 9/24/2017
LEASE NAME	:	RDX FED	ERAL COM	17	TICKET NUMBER: 6518
WELL NUMB	ER:	#46H			JOB TYPE: SURFACE
SCHEDULED	LOCATIO	N TIME		3:00	
TIME ARRIVE	D ON LC	CATION		3:00	TIME LEFT LOCATION 11:00
THINE	PRES	SURE	MORUME	RVATTE	IKOG DIEDAIKS
	14(6)(9)(4) (4(4)	avalities		*	
1:15					PRE-CONVOY MEETING
1:20					DEPARTURE FROM YARD
3:00					ARRIVE LOCATION
3:05			·		HAZZARD ASSESMENT
3:10					PRE-RIG UP MEETING
3:15					RIG UP ON GROUND/ CASERS RIGGING UP
7:00					CASERS RIGGED DOWN
7:30					RIG UP ON FLOOR
7:45					SAFETY MEETING/ STAB HEAD
- 8:20		1500	0.5	0.5	TEST LINES TO 1500
8:25		300	40	6	FRESH WATER, GEL, FRESH WATER WITH DYE SPACER
8:32		450	203	6.5	LEAD: 660 SACKS/ 203 BBLS @ 13.5 #
9:10		417	47	6	TAIL: 200 SACKS/ 47 BBLS @ 14.8#
9:20					SHUT DOWN, DROP PLUG
9:24			129	7	DISPLACEMENT
9:45	335		20	3	SLOW RATE
9:50		780			BUMP PLUG
9:55					CHECK FLOATS,, 1 BBLS BACK
					CIRCULATED 110 BBLS // 357 SACKS TO SURFACE
10.00					DIO DOUN SAFETYALEETING
10:00			· · · · · · · · · · · · · · · · · · ·		RIG DOWN SAFETY MEETING
10:05					RIG DOWN PAR 5
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<del> </del>					
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	<b>-</b>				
		<del></del>			

| The Company of the | REC | PF903 | PF49 | PF132 | PF20 | PF44 | PF42 | PF001 | PF031 | PF63 | PF66 | PF061 | PF066 | PF079 | PF128 | PF151 | PF174 | PF183 | PF085 | PF108 | PF185 | PF185 | PF187 | PF18 Vveil : WPX ENERGY B/24/2017 000000 Notes

1 way Mileage Pounds Tons Ton Mileage Total Cu/ft 100 84662 42 4200 922 PF424
Plug
Sugar
PF47
Sapp
PF840
PF803

SHIPPING PAPERS	<b>PAPERS</b>	24439		A SOUTH A SOUT	7			BACE 1 OF 1
SENM	ANM	OPERATOR/ DRIVER NAME	DATE SHIPPED	9/23/2017 11:21 TREATMENT NO.	TREATMENT	NO.		
TRUCK NO. MOTOR VESSEL NAME	5001 TRAILER NO.	6001 CUSTOMER	WPX JOB LOCAT	WPX JOB LOCATION (PLANT OR FIELD)	WELL NAME	WELL NAME OR JOB NAME		RDX FED COM 17 # 46H
SPECIAL INSTRUCTIONS								
PLACARDS REQUIRED: TRUCK		TRAILER		PORTABLE TANK(S)				
M	DOT SHIPPING DESCRIPTION (SHIP	DOT SHIPPING DESCRIPTION (SHIPPING NAME, HAZARD CLASS, UN #, PACKAGE GROUP)		CHEMICAL NAME	MLYOL	TYPE PACKAGE	NO. OF PACAKAGES	CODE
	25	250 SKS C+ ADDS		Class C	11720	TANK		PF-903
		LEAD		Bentonite Gel	950	TANK		PF-020 \
				Calcium Chloride	235	TANK	-3	1
				Antifoam	100	TANK	-3	PF-045 -
				Cellophane	31	TANK		PF-029
				Class C	11740	TANK		PF-903 -
								ME
								50-9
								\
UNIT	DESCRIPTION	WEIGHT	UNIT	DESCRIPTION			WEIGHT	#
				Total \	Total Weight		2477	24776.00 LBS
THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN TH PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE SATISFACTION OF THE CAPTAIN.	/E NAMED MATERIALS ARE PROPERLY CI	ASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELE	'N AND ARE IN TH PROPE	CERTIFIED ON (SIGNATURE)	SIGNATURE			
	THE APPLICABLE REGULATIONS OF THE I	I.S. DEPARTMENT OF TRANSPORTATION/ OR LOADED TO	THE SATISFACTION OF TH		つずらたまた。			

SHIPPING PAPERS 24438		A ABBIENE			7777	PAGE	PAGE 1 OF 1
OPERATOR DRIVER NAME	DATE SHIPPED	2017 10:35	REATMENT	No.			
SEL NAME 5001 TRAILER NO. 6001 CUSTOMER	WPX JOB LOCATION	WPX JOB LOCATION (PLANT OR FIELD)	WELL NAME OR JOB NAME	OR JOB NAM		RDX FED COM 17 # 46H.	7 # 46H.
PLACARDS REQUIRED: TRUCK		PORTABLE TANK(S)					
DOT SHIPPING DESCRIPTION (SHIPPING NAME, HAZARD CLASS, UN #, PACKAGE GROUP)		CHEMICAL NAME	MT.VOL T	TYPE PACKAGE	NO. OF PACAKAGES	CODE	QUANITY RETURNED
250 SKS C+ ADDS		Class C	11790	TANK	1	PF-903 -	
LEAD		Bentonite Gel	940	TANK	1	PF-020 -	
		Calcium Chloride	235	TANK	_	PF-001 -	
		Antifoam	100	TANK	<b>-</b>	PF-045 ~	
		Cellophane	31	TANK		PF-029 ~	
		Class C	11720	TANK	1	PF-903 ~	
						100 1=	
						9.27	
			,				
							<b>!</b>
UNIT DESCRIPTION WEIGHT	UNIT	DESCRIPTION			WEIGHT	нт	
		Total Weight	Veight		248	24816.00 L	LBS
		We deletted by	NIGNATURE)				
THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED A ACCORDING TO THE APPLICABLE REGULATIONS OF THE U.S. DEPARTMENT OF TRANSPORTATION OR L	ID ARE IN TH PROPER		Sec of the second	not)			
LOAD DATE AND TIME: JOB SUPERVISOR:		RETURNLO	OPERATOR (SI	GNATURE)			

			SIGNATURE)	RETUKN LUAD OPERATOR (SIGNATURE)	RETURN LOAD	JOB SUPERVISOR:	RETURN LOAD DATE:	RETURN L	LOAD DATE
			RE	BIGNATURE		\BELED AND ARE IN TH PROPER	ILY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LA THE U.S. DEPARTMENT OF TRANSPORTATION/OR LOADE	THAT THE ABOVE NAMED MATERIALS ARI ACCORDING TO THE APPLICABLE REGULA	THIS IS TO
				3					
									•
LBS	15894.00	15		Veight	Total Weight				
	WEIGHT	WE.			DESCRIPTION	UNIT	WEIGHT	UNIT DESCRIPTION	
									-
								•	
	to West	,							
1	PF-903	1	TANK	7510	Class C				
1	PF-029	1	TANK	20	Cellophane				
~	PF-045	1	TANK	64	Antifoam				
~	PF-001	1	TANK	150	Calcium Chloride		3/		
`	PF-020	1	TANK	650	Bentonite Gel		LEAD		
	PF-903	1	TANK	7500	Class C		B/T 160 SKS C+ ADDS		
QUANITY RETURNED	CODE	NO. OF PACAKAGES	TYPE PACKAGE	MT.VOL T	CHEMICAL NAME	۷)	DOT SHIPPING DESCRIPTION (SHIPPING NAME, HAZARD CLASS, UN#, PACKAGE GROUP)	DOT SHIPPING DESCRIPTION	H.
					PORTABLE TANK(S)		TRAILER	PLACARDS REQUIRED: TRUCK	PLACAR
			,					SPECIAL INSTRUCTIONS	SPECIAL
17 #46H,	RDX FEDCOM 17 #46H,		WELL NAME OR JOB NAME	WELL NAME	LANT OR FIELD)	WPX JOB LOCATION (P	2047 CUSTOMER	TRUCK NO. MOTOR VESSEL NAME 1010 TRAILER NO.	TRUCK
			NO.	TREATMENT	9/24/2017 21:28 TREATMENT NO.	DATE SHIPPED	OPERATOR/ DRIVER NAME	MNA	SENM
PAGE 1 OF 1	PAGE			V			24471	SHIPPING PAPERS	SH

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		) Ü	SIGNATURI	RETURN (MAD OPERATOR (SIGNATURE)		JOB SUPERVISOR:	RETURN LOAD DATE: JOS	ME RETURNU	LOAD DATE AND TIME:
		7		CERTIFIED BY SIGNATURE		) LABELED AND ARE IN TH PROPE! DED TO THE SATISFACTION OF TH	THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN TH PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE SATISFACTION OF THE CAPTAIN.	IFY THAT THE ABOVE NAMED MATERIALS ARE PROPE ON ACCORDING TO THE APPLICABLE REGULATIONS OI	THIS IS TO CERT
LBS	19176.00			Total Weight	Total				
	WEIGHT				DESCRIPTION	UNIT	WEIGHT	DESCRIPTION	TINU
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		1	1						
		-	1						
	MORET								
\	PF-903	<del>X</del>	TANK	9390	Class C		The last		
5	PF-001	₹ -1	TANK	376	Calcium Chloride		TAIL		
/	PF-903		TANK	9410	Class C		F/T 200 SKS C+ADD		
QUANITY RETURNED	E CODE	NO OF PACAKAGES	TYPE PACKAGE	MINOL	CHEMICAL NAME	OUP)	DOT SHIPPING DESCRIPTION (SHIPPING NAME, HAZARD CLASS, UN#, PACKAGE GROUP)	DOT SHIPPING DESCRIPTION	MH
					PORTABLE TANK(S)		TRAILER	PLACARDS REQUIRED: TRUCK	PLACARDS REC
									SPECIAL INSTRUCTIONS
7 # 46H	RDX FED COM 17 # 46H	NAME	WELL NAME OR JOB NAME		WPX JOB LOCATION (PLANT OR FIELD)	WPX JOB LOCAT	2.017. CUSTOMER	TRUCK NO. MOTOR VESSEL NAME 1010 TRAILER NO.	TRUCK NO./ MO
			NT NO.	TREATMENT NO.	9/24/2017 21:11		OPERATOR/ DRIVER NAME	MNA	SENM
PAGE 1 OF 1		TEL	VICE	1	ENERGY	0	244/0	SHIPPING PAPERS	THIL
						)		מברה בי	ATT.

	,		
Tier #1	Tier #2	Ther #3	Tier#4
lead	lead		
Type of Cement:	Type of Cement:	Type of Cement:	Type of Cement:
Trucks: 500 (	Trucks: 500 /	Trucks:	Trucks:
Trailers: 600 (	Traffers: 6 00 /	Trailers:	Trailers:
05 Uspes	Sacts: 250	Sacks:	Sacks:
•			
Oate:	Dete:		e:



## Par Five Energy Services, LLC

ART17-7625-01P

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia, NM

Phone(575)748-8610 Fax: (575) 748-8625

Customer: WPX Energy

MD: 950

Report Date: September 21 2017

Well Name: RDX Federal Com 17 #46H

TVD: 950

Stage: Lead

County: Eddy

State: NM

BHST: 88

String:

Surface

Rig: Orion Phoenix 10

**BHCT: 81** 

Blend Type:

Pilot Blend

Salesman: Chris DeLeon

Reported By:

Wilson, Shannon

### Surry internetter.

Density: 13.50 ppg

Yield: 1.73 cuft/sk

Surry Composition

Mix Fluid: 9.123 gal/sk

**BWOB** 

Cement Blend: Class C

Conc

Design Description Lot Number

Bulk

PF-020 PF-001

Additive

4.00% 1.00%

**BWOB** Bentonite Gel

Calcium Chloride

Defoamer

364AD1732

PF-045

0.400 lb/sk **BWOB**  201304AC

PF-029 0.125 lb/sk BWOB Cellophane

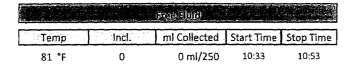
		Ricel	erillave	rageRe	ullusa).		
Temp	3	6	100	200	300	PV	ΥP

Thickening Time Temp POD 30 Bc 50 Bc 70 Bc | 100 Bc | Batch Time 1:50 2:41 3:38 4:09

81 °F 22.5

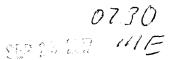
33.5 84.5 94

100 23.25 76.75 Thickening Time does not include batch time.



		dica Com	bvægne:	ncongth		
Temp	50 psi	500 psi	12 hr.	24 hr	48 hr	.72,hr
88	3:35	9:08	683	1167		

**ब्लिलिस अपने** 





### Par Five Energy Services, LLC

ART17-7625-02P

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia, NM

Phone(575)748-8610 Fax: (575) 748-8625

Customer: WPX Energy

MD: 950

Report Date: September 21 2017

Well Name: RDX Federal Com 17 #46H

TVD: 950

Stage: Tail

County: Eddy

State: NM

**BHST: 88** 

String:

Surface

Rig: Orion Phoenix 10 Salesman: Chris DeLeon

BHCT: 81

Blend Type:

Pilot Blend

Reported By: Wilson, Shannon

### Singly information

Density: 14.80 ppg

Yield: 1.34 cuft/sk

Mix Fluid: 6.307 gal/sk

### त्रीवन्त्र/देशताचुक्तावात

Cement Blend:

Class C

Additive

Conc

Design Description Lot Number

364AD1732

111	4	PF-001	

2.00%

BWOB Calcium Chloride

Rheology (Average Readings) 3 6 100 200 300 PV ΥP Temp

76.5

88

39

49

Thickening Time Temp POD 30 Bc 50 Bc 70 Bc 100 Bc Batch Time 81 °F 1:11 1:12 2:19 3:14 0

81 °F 20 28 62 Thickening Time does not include batch time.

मित्रक डीवर्तन								
Temp	Incl.	mi Collected	Start Time	Stop Time				
81 °F	0	0 ml/250	11:34	11:54				

UCA Gampiosaive Sicangili							
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr	
88	2:23	5:34	1299	2661			

comments

