

**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

**ORIGINAL**

Operator: License # 5208  
Name: Exxon Mobil Oil Corporation \*  
Address: P. O. Box 4358  
City/State/Zip: Houston, TX 77210-4358  
Purchaser: Duke Energy Trading & Marketing  
Operator Contact Person: Kitty Birt  
Phone: (713) 431-1898  
Contractor: Name: DOWELL  
License: N. A.

Wellsite Geologist: N. A.  
Designate Type of Completion: CONSERVATION DIVISION WICHITA, KS  
 New Well  Re-Entry  Workover (refrac)  
 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: Mobil Oil Corporation  
Well Name: Helmley A #1 Unit, Well # 3

Original Comp. Date: 12/06/1996 Original Total Depth: 2894  
~~XXX~~ **FRACTURE TREATED**  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back 2846 Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

06/28/2001 11/27/1995 07/05/2001  
~~SPUD~~ Date of **START** Date Reached TD Completion Date of  
**OF WORKOVER** **WORKOVER**

API No. 15 - 189-22019-0001  
County: Stevens  
E/2 SE SW Sec. 3 Twp. 32 S. R. 35  East  West  
1250 feet from S N (circle one) Line of Section  
2500 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Helmley A # 1 Unit Well #: 3  
Field Name: Hugoton

Producing Formation: Chase  
Elevation: Ground: 2997 Kelly Bushing: 3006  
Total Depth: 2894 Plug Back Total Depth: 2846  
Amount of Surface Pipe Set and Cemented at 624 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set N. A. Feet  
If Alternate II completion, cement circulated from N. A.  
feet depth to N. A. w/ N. A. sx cmt.

Drilling Fluid Management Plan REWORK g/g 6/20/02  
(Data must be collected from the Reserve Pit)  
Chloride content N. A. ppm Fluid volume N. A. bbls  
Dewatering method used \_\_\_\_\_  
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 67202, 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.

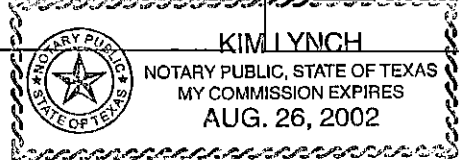
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Kitty Birt  
Title: Completions Admin. Date: April 24, 2002  
Subscribed and sworn to before me this 24th day of April,  
2002  
Notary Public: Kim Lynch  
Date Commission Expires: Aug. 26, 2002

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

KCC



X

Operator Name: Exxon Mobil Oil Corporation \* Lease Name: Helmley A # 1 Unit Well #: 3  
 Sec. 3 Twp. 32 S. R. 35  East  West County: Stevens

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy)  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name _____ Top _____ Datum _____  _____  _____
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CASING RECORD <input 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
Surface Casing	12.250	8.625	24	624	Class C	325	50:50 c/poz
Production Casing	7.875	5.500	14	2883	Class C	125	2% B28

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
1 spf	2684-2704, 2730-2750	Frac w/ 80Q Nw foam @ plus/minus 80 BPM	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. (See G-2)	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas      **METHOD OF COMPLETION**      Production Interval

Vented    Sold    Used on Lease    Open Hole    Perf.    Dually Comp.    Commingled   2684  
 (If vented, Sumit ACO-18.)    Other (Specify) \_\_\_\_\_   2750

ORIGINAL

15-189-22019-0001

<b>Schubert</b>	Customer:	Exxon Mobil
	District:	ULYSSES
	Representative:	Richard Lewis
	DS Supervisor:	Jeff Dutton
	Well:	Helmley A1-3
Job Date: 07-02-2001		

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	CFLD RATE bbl/min	TOT CFLD bbl	N2 PUMP RATE bbl/min	N2 RATE scf/min	TOT N2 Mscf	TOT INJ bbl	BH FOAM QUALITY %	INJ RATE bbl/min	
07:02:2001:16:53:25	1497	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:16:53:45	3873	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:16:54:05	3822	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:16:54:25	3799	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:16:54:45	3786	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:16:55:05	3767	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:16:55:25	3749	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:16:55:45	3731	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:16:56:05	3717	0.0	0.0	0.0	4422	0.0	0.0	0.0	0.0	
07:02:2001:16:56:45	3717	0.0	0.0	0.0	4162	0.0	0.0	0.0	0.0	
07:02:2001:16:57:05	3717	0.0	0.0	0.0	20	0.0	0.0	0.0	0.0	
07:02:2001:16:57:25	3717	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:16:58:05	3722	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:16:59:25	3728	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:17:00:45	266	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:17:01:05	279	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
07:02:2001:17:20:48	Started PAD									
07:02:2001:17:20:48	27	0.0	0.0	0.0	380	0.0	0.0	0.0	0.0	
07:02:2001:17:20:58	14	4.9	0.1	1.2	380	0.1	0.3	0.0	6.1	
07:02:2001:17:21:16	37	6.5	2.1	1.1	480	0.2	2.6	0.0	7.7	
07:02:2001:17:21:36	92	7.8	4.5	9.2	4262	0.5	5.4	0.0	17.0	
07:02:2001:17:21:56	279	8.1	7.2	38.0	16088	5.1	18.5	0.0	46.1	
07:02:2001:17:22:16	366	8.0	9.8	34.8	14748	10.2	33.2	0.0	42.9	
07:02:2001:17:22:36	453	8.0	12.5	34.4	14568	15.0	47.4	0.0	42.4	
07:02:2001:17:22:56	558	7.9	15.2	33.0	13747	19.8	61.3	0.0	40.9	
07:02:2001:17:23:02	Stage at Perfs: PAD									
07:02:2001:17:23:02	577	8.0	16.0	31.7	13447	21.2	65.3	0.0	39.7	
07:02:2001:17:23:16	600	9.7	17.9	31.5	12426	24.3	74.7	81.0	41.2	
07:02:2001:17:23:36	888	11.8	21.5	61.4	26174	31.0	93.7	81.1	73.2	
07:02:2001:17:23:56	1176	14.0	25.9	62.6	26614	39.9	118.9	81.0	76.6	
07:02:2001:17:24:16	1396	15.3	30.8	64.5	27334	48.9	145.1	80.5	79.8	
07:02:2001:17:24:36	1534	15.3	35.9	64.2	27234	58.0	171.7	81.9	79.5	
07:02:2001:17:24:56	1648	14.5	40.9	64.2	27274	67.1	198.0	81.4	78.8	
07:02:2001:17:25:16	1685	16.1	46.2	64.2	27214	76.2	224.8	81.0	80.4	
07:02:2001:17:25:36	1785	16.0	51.8	64.2	27234	85.3	251.6	80.9	80.3	
07:02:2001:17:25:56	1781	16.1	57.0	64.3	27214	94.3	278.4	79.9	80.4	
07:02:2001:17:26:16	1767	16.0	62.3	64.2	27234	103.4	305.1	80.0	80.3	
07:02:2001:17:26:36	1740	16.1	67.7	64.1	27234	112.5	331.9	80.0	80.3	
07:02:2001:17:26:56	1762	16.0	73.0	64.2	27234	121.6	358.7	80.0	80.3	
07:02:2001:17:27:16	1753	16.0	78.4	64.3	27254	130.6	385.4	80.0	80.3	
07:02:2001:17:27:36	1703	16.0	83.7	64.3	27234	139.7	412.2	80.0	80.3	
07:02:2001:17:27:56	1671	16.1	89.1	64.3	27254	148.8	439.0	80.0	80.4	
07:02:2001:17:28:16	1643	16.1	94.5	64.3	27254	157.9	465.8	80.0	80.4	
07:02:2001:17:28:36	1648	16.1	99.8	64.3	27274	167.0	492.6	80.0	80.4	
07:02:2001:17:28:56	1639	16.0	105.2	64.3	27274	176.1	519.4	80.0	80.4	
07:02:2001:17:29:16	1625	16.1	110.5	64.3	27274	185.2	546.2	80.0	80.5	
07:02:2001:17:29:36	1593	16.1	115.9	64.3	27274	194.3	573.0	80.0	80.5	
07:02:2001:17:29:56	1579	16.0	121.3	64.3	27274	203.4	599.8	80.0	80.4	
07:02:2001:17:30:16	1602	16.0	126.6	64.3	27274	212.4	626.6	80.0	80.4	
07:02:2001:17:30:36	1634	16.0	132.0	64.3	27274	221.5	653.4	80.0	80.4	
07:02:2001:17:30:56	1579	16.1	137.4	64.3	27294	230.6	680.2	80.0	80.5	
07:02:2001:17:31:16	1593	16.1	142.7	64.3	27294	239.7	707.0	80.0	80.4	
07:02:2001:17:31:36	1584	16.1	148.1	64.3	27274	248.8	733.8	80.0	80.5	
07:02:2001:17:31:56	1620	16.1	153.5	64.3	27274	257.9	760.6	80.0	80.5	
07:02:2001:17:32:16	1579	16.0	158.8	64.3	27274	267.0	787.5	80.0	80.4	
07:02:2001:17:32:36	1620	16.1	164.2	64.3	27314	276.1	814.3	80.0	80.5	
07:02:2001:17:32:56	1611	16.1	169.6	64.3	27254	285.2	841.1	80.0	80.5	
07:02:2001:17:33:16	1611	16.1	174.9	64.3	27274	294.3	867.9	80.0	80.5	
07:02:2001:17:33:36	1566	16.1	180.3	64.3	27274	303.4	894.7	80.0	80.5	
07:02:2001:17:33:56	1607	16.0	185.7	64.3	27274	312.5	921.5	80.0	80.4	
07:02:2001:17:34:16	1634	16.1	191.0	64.3	27254	321.5	948.3	80.0	80.5	
07:02:2001:17:34:36	1639	16.2	196.4	64.3	27274	330.6	975.1	80.0	80.5	
07:02:2001:17:34:56	1607	16.1	201.7	64.3	27254	339.7	1001.9	80.0	80.5	
07:02:2001:17:35:16	1570	16.0	207.1	64.3	27274	348.8	1028.7	80.0	80.4	
07:02:2001:17:35:36	1584	16.1	212.5	64.3	27274	357.9	1055.5	80.0	80.5	
07:02:2001:17:35:56	1602	16.1	217.8	64.3	27274	367.0	1082.3	80.0	80.5	
07:02:2001:17:36:16	1639	16.1	223.2	64.3	27274	376.1	1109.1	80.0	80.5	
07:02:2001:17:36:36	1643	16.1	228.6	64.3	27274	385.2	1135.9	80.0	80.5	
07:02:2001:17:36:56	1639	16.0	233.9	64.3	27274	394.3	1162.7	80.0	80.5	
07:02:2001:17:37:16	1588	16.1	239.3	64.3	27274	403.4	1189.5	80.0	80.5	
07:02:2001:17:37:36	1607	16.0	244.7	64.3	27274	412.5	1216.3	80.0	80.5	
07:02:2001:17:37:56	1588	16.0	250.0	64.3	27274	421.5	1243.1	80.0	80.5	
07:02:2001:17:38:16	1639	16.1	255.4	64.3	27274	430.6	1270.0	80.0	80.5	
07:02:2001:17:38:36	1639	16.0	260.7	64.3	27274	439.7	1296.8	80.0	80.5	
07:02:2001:17:38:56	1643	16.0	266.1	64.3	27274	448.8	1323.6	80.0	80.5	
07:02:2001:17:39:16	1620	16.1	271.5	64.3	27294	457.9	1350.4	80.0	80.5	
07:02:2001:17:39:36	1620	16.0	276.8	64.4	27274	467.0	1377.2	80.0	80.5	
07:02:2001:17:39:56	1598	16.1	282.2	64.3	27254	476.1	1404.0	80.0	80.5	
07:02:2001:17:40:16	1634	16.1	287.5	64.3	27274	485.2	1430.8	80.0	80.5	
07:02:2001:17:40:36	1639	16.0	292.9	64.3	27274	494.3	1457.6	80.0	80.4	
07:02:2001:17:40:56	1602	16.0	298.3	64.3	27274	503.4	1484.4	80.0	80.4	
07:02:2001:17:41:16	1634	16.2	303.6	64.3	27274	512.5	1511.2	80.0	80.5	
07:02:2001:17:41:36	1611	16.1	309.0	64.3	27274	521.5	1538.0	80.0	80.5	

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 09 2002

CONSERVATION DIVISION  
WICHITA, KS

# ORIGINAL

Well: Helmley A1-3

Job Date: 07-02-2001

AcqTime mm:dd/yyyy:hh:mm:ss	TR PRESS psi	CFLD RATE bb/min	TOT CFLD bbl	N2 PUMP RATE bb/min	N2 RATE scf/min	TOT N2 Mscf	TOT INJ bbl	BH FOAM QUALITY %	INJ RATE bbl/min	
07:02:2001:17:42:16	1643	16.0	319.7	64.3	27274	539.7	1591.6	80.0	80.4	
07:02:2001:17:42:36	1666	16.0	325.0	64.3	27274	548.8	1618.4	80.0	80.4	
07:02:2001:17:42:56	1634	16.1	330.4	64.3	27274	557.9	1645.2	80.0	80.5	
07:02:2001:17:43:16	1630	16.0	335.8	64.3	27274	567.0	1672.0	80.0	80.4	
07:02:2001:17:43:36	1602	16.0	341.1	64.3	27274	576.1	1698.8	80.0	80.4	
07:02:2001:17:43:56	1630	16.0	346.5	64.3	27254	585.2	1725.6	80.0	80.4	
07:02:2001:17:44:16	1643	16.0	351.8	64.3	27274	594.3	1752.3	80.0	80.4	
07:02:2001:17:44:36	1648	16.1	357.2	64.3	27274	603.4	1779.1	80.0	80.5	
07:02:2001:17:44:56	1648	16.0	362.5	64.3	27274	612.5	1805.9	80.0	80.4	
07:02:2001:17:45:16	1620	16.0	367.9	64.3	27274	621.5	1832.7	80.0	80.4	
07:02:2001:17:45:36	1602	16.1	373.3	64.3	27274	630.6	1859.5	80.0	80.5	
07:02:2001:17:45:56	1611	16.0	378.6	64.3	27274	639.7	1886.3	80.0	80.4	
07:02:2001:17:46:16	1639	16.0	384.0	64.3	27274	648.8	1913.1	80.0	80.4	
07:02:2001:17:46:36	1618	16.1	389.3	64.3	27274	657.9	1939.9	80.0	80.4	
07:02:2001:17:46:56	1653	16.0	394.7	64.3	27274	667.0	1966.7	80.0	80.4	
07:02:2001:17:47:16	1602	16.0	400.0	64.3	27274	676.1	1993.5	80.0	80.4	
07:02:2001:17:47:36	1630	16.0	405.4	64.3	27274	685.2	2020.3	80.0	80.3	
07:02:2001:17:47:56	1616	16.0	410.8	64.3	27274	694.3	2047.1	80.0	80.4	
07:02:2001:17:48:16	1671	16.1	416.1	64.3	27274	703.4	2073.9	80.0	80.5	
07:02:2001:17:48:36	1643	16.0	421.5	64.3	27274	712.5	2100.7	80.0	80.4	
07:02:2001:17:48:56	1643	16.2	426.8	64.3	27274	721.5	2127.5	80.0	80.5	
07:02:2001:17:49:16	1620	16.0	432.2	64.3	27274	730.6	2154.3	80.0	80.4	
07:02:2001:17:49:36	1634	16.0	437.5	64.3	27294	739.7	2181.1	80.0	80.3	
07:02:2001:17:49:56	1643	16.0	442.9	64.3	27274	748.8	2207.9	80.0	80.4	
07:02:2001:17:50:16	1653	16.0	448.2	64.4	27274	757.9	2234.7	80.0	80.5	
07:02:2001:17:50:36	1648	16.0	453.6	64.3	27274	767.0	2261.5	80.0	80.4	
07:02:2001:17:50:56	1593	16.1	458.9	64.3	27294	776.1	2288.3	80.0	80.4	
07:02:2001:17:51:16	1625	16.0	464.3	64.3	27274	785.2	2315.1	80.0	80.4	
07:02:2001:17:51:36	1620	16.1	469.6	64.3	27274	794.3	2341.9	80.0	80.4	
07:02:2001:17:51:56	1639	16.0	475.0	64.3	27274	803.4	2368.7	80.0	80.4	
07:02:2001:17:52:16	1653	16.0	480.4	64.3	27254	812.5	2395.5	80.0	80.4	
07:02:2001:17:52:36	1653	16.0	485.7	64.3	27254	821.5	2422.3	80.0	80.4	
07:02:2001:17:52:56	1602	16.1	491.1	64.3	27274	830.6	2449.0	80.0	80.5	
07:02:2001:17:53:16	1643	16.0	496.4	64.3	27274	839.7	2475.8	80.0	80.4	
07:02:2001:17:53:36	1607	16.0	501.8	64.5	27334	848.8	2502.6	80.0	80.5	
07:02:2001:17:53:56	1648	16.0	507.1	64.3	27274	857.9	2529.4	80.0	80.4	
07:02:2001:17:54:16	1653	16.0	512.5	64.3	27274	867.0	2556.2	80.0	80.4	
07:02:2001:17:54:36	1648	16.0	517.8	64.3	27274	876.1	2583.0	80.0	80.4	
07:02:2001:17:54:56	1630	16.1	523.2	64.3	27274	885.2	2609.8	80.0	80.4	
07:02:2001:17:55:16	1607	16.1	528.5	64.3	27274	894.3	2636.6	80.0	80.5	
07:02:2001:17:55:36	1620	16.1	533.9	64.3	27274	903.4	2663.4	80.0	80.5	
07:02:2001:17:55:56	1625	16.1	539.2	64.3	27254	912.5	2690.2	80.0	80.5	
07:02:2001:17:56:16	1618	16.0	544.6	64.3	27254	921.5	2717.0	80.0	80.4	
07:02:2001:17:56:36	1497	16.0	549.9	64.2	27274	930.6	2743.7	80.0	80.3	
07:02:2001:17:56:37	Started Flush Automatically									
07:02:2001:17:56:37	1456	13.0	550.2	64.3	27234	931.1	2745.1	80.0	77.4	
07:02:2001:17:56:56	1378	0.0	550.4	64.2	27254	939.7	2765.6	80.0	64.2	
07:02:2001:17:57:16	1360	0.0	550.4	64.4	27274	948.8	2787.0	80.0	64.4	
07:02:2001:17:57:36	1378	0.0	550.4	64.4	27294	957.9	2808.5	80.0	64.4	
07:02:2001:17:57:40	Stage at Perfs: Flush									
07:02:2001:17:57:40	1360	0.0	550.4	64.3	27294	959.7	2812.8	94.8	64.3	
07:02:2001:17:57:56	1222	0.0	550.4	0.0	0	961.9	2818.9	0.0	0.0	

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