

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5208
Name: Exxon Mobil Oil Corporation *
Address: P. O. Box 4358
City/State/Zip: Houston, TX 77210-4358
Purchaser: _____
Operator Contact Person: Beverly Roppolo
Phone: (713) 431-1701
Contractor: Name: Key Energy
License: N. A.
Wellsite Geologist: N. A.

Designate Type of Completion: REFRAC
____ 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: Mobil Oil Corporation
Well Name: ROACH #1, WELL 4

XXX HYDRAULICALLY FRACTURED
Original Comp. Date: 1-12-96 Original Total Depth: 2860
____ 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. _____

8-24-01 12-8-95 8-31-01
~~Start~~ Date of START Date Reached TD Completion Date of
OF WORKOVER **WORKOVER**

API No. 15 - 189-22007-0001
County: Stevens
SW NE NE Sec. 27 Twp. 32 S. R. 38 East West
1250 feet from S / (N) (circle one) Line of Section
1250 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: ROACH #1 Well #: 4

Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3175 Kelly Bushing: 3185
Total Depth: 2860 Plug Back Total Depth: 2823
Amount of Surface Pipe Set and Cemented at 668 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# 6/17/03
(Data must be collected from the Reserve Pit)

Chloride content N. A. ppm Fluid volume N. A. bbls
Dewatering method used _____

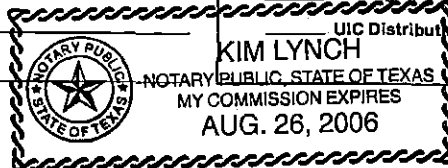
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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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: Beverly Roppolo
Title: Contract Completions Admin Date: 5/22/03
Subscribed and sworn to before me this 22 day of May
2003
Notary Public: Kim Lynch
Date Commission Expires: Aug. 26, 2006



KCC Office Use ONLY
____ Letter of Confidentiality Attached
If Denied, Yes Date: _____
____ Wireline Log Received
____ Geologist Report Received
UIC Distribution
KIM LYNCH
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
AUG. 26, 2006

Operator Name: Exxon Mobil Oil Corporation * Lease Name: ROACH #1 Well #: 4
 Sec. 27 Twp. 32 S. R. 38 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Name	Top	Datum
L. KRIDER	2586'	2596'
WINFIELD	2641'	2651
TOWANDA	2696'	2711'
U. FT. RILEY	2752'	2762'

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
SURFACE	12.250	8.625	24#	668	CLASS C	360	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2852	CLASS C	125,75	3%D79,2% 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	2586' - 2762'	FRAC'D WELL WITH 80Q N2 FOAM @ 80BPM	

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
		<input 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 Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify)

Schlumberger	Customer: Exxon Mobil
	District: ULYSSES
	Representative: Richard Leius
	DS Supervisor: Dave Brawley
	Well: Roach 1-4
Job Date: 08-28-2001	

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	INJ RATE bbl/min	TOT BH INJ bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf
08:28:2001:11:32:19	5	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:32:39	46	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:32:59	3117	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:33:19	3049	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:33:39	2911	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:33:59	2866	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:34:19	2852	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:34:39	2948	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:34:59	3172	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:35:19	3131	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:35:39	3099	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:35:59	3067	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:36:19	3053	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:36:59	3058	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:37:19	3062	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:37:39	3067	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:38:19	3323	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:38:39	3575	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:38:59	3548	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:39:19	1900	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:39:39	247	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:39:57	Started PAD						
08:28:2001:11:39:57	18	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:39:59	9	0.0	0.0	3.4	0.1	3.4	0.0
08:28:2001:11:40:19	50	2.5	0.8	4.7	1.9	2.1	0.4
08:28:2001:11:40:39	146	7.0	2.6	21.2	6.7	14.2	1.7
08:28:2001:11:40:59	233	7.8	5.2	20.5	14.0	12.7	3.7
08:28:2001:11:41:19	339	7.8	7.8	22.1	20.8	14.3	5.5
08:28:2001:11:41:39	453	7.8	10.4	23.8	29.5	16.0	8.1
08:28:2001:11:41:59	627	7.8	13.0	40.5	43.4	32.7	12.9
08:28:2001:11:42:19	810	7.8	15.6	39.7	56.6	31.9	17.4
08:28:2001:11:42:30	Stage at Peris PAD						
08:28:2001:11:42:30	916	7.8	17.0	39.7	63.7	31.9	19.9
08:28:2001:11:42:39	1007	7.8	18.2	39.7	69.6	31.9	21.9
08:28:2001:11:42:59	1176	6.2	20.7	37.9	82.8	31.9	26.4
08:28:2001:11:43:19	1437	10.7	23.5	71.2	101.1	60.7	33.1
08:28:2001:11:43:39	1804	13.0	27.5	77.6	126.3	64.5	42.1
08:28:2001:11:43:59	1987	0.0	28.6	63.9	148.7	63.9	51.2
08:28:2001:11:44:19	2042	0.0	28.6	64.0	170.0	64.0	60.2
08:28:2001:11:44:39	1904	0.0	28.6	64.1	191.3	64.1	69.3
08:28:2001:11:44:59	1927	2.9	28.9	66.8	421.4	64.1	78.3
08:28:2001:11:45:19	1982	6.5	30.2	70.2	444.1	64.2	87.4
08:28:2001:11:45:39	1959	10.6	33.0	74.6	468.3	64.2	96.5
08:28:2001:11:45:59	1538	1.1	34.0	65.3	491.5	64.3	105.5
08:28:2001:11:46:19	1511	7.0	35.4	71.2	514.7	64.3	114.6
08:28:2001:11:46:39	1593	11.8	38.6	75.9	549.4	64.4	123.7
08:28:2001:11:46:59	1749	13.1	42.9	77.5	584.7	64.4	132.8
08:28:2001:11:47:19	1730	12.4	47.0	76.8	610.9	64.5	141.9
08:28:2001:11:47:39	1740	12.4	50.7	76.4	636.2	64.5	151.0
08:28:2001:11:47:59	1845	15.4	55.6	79.8	662.5	64.5	160.2
08:28:2001:11:48:19	1904	15.8	60.8	80.2	689.3	64.5	169.3
08:28:2001:11:48:39	1918	16.0	66.1	80.4	716.3	64.4	178.4
08:28:2001:11:48:59	1909	16.0	71.4	80.3	743.0	64.4	187.5
08:28:2001:11:49:19	1923	15.9	76.8	80.3	769.8	64.3	196.6
08:28:2001:11:49:39	1932	16.0	82.1	80.3	796.6	64.3	205.7
08:28:2001:11:49:59	1955	15.9	87.4	80.3	823.3	64.4	214.8
08:28:2001:11:50:19	1950	16.0	92.7	80.3	850.1	64.3	223.9
08:28:2001:11:50:39	1959	16.0	98.0	80.3	876.8	64.3	232.9
08:28:2001:11:50:59	1955	16.0	103.3	80.3	903.6	64.3	242.0
08:28:2001:11:51:19	1955	16.0	108.6	80.3	930.4	64.4	251.1
08:28:2001:11:51:39	1955	16.0	114.0	80.4	957.2	64.3	260.2
08:28:2001:11:51:59	1959	16.0	119.3	80.3	983.9	64.3	269.3
08:28:2001:11:52:19	1950	16.0	124.6	80.3	1010.7	64.4	278.4
08:28:2001:11:52:39	1950	16.0	129.9	80.3	1037.5	64.3	287.5
08:28:2001:11:52:59	1950	16.0	135.3	80.3	1064.3	64.4	296.6
08:28:2001:11:53:19	1923	16.0	140.6	80.3	1091.0	64.4	305.7
08:28:2001:11:53:39	1900	16.0	145.9	80.4	1117.8	64.4	314.8
08:28:2001:11:53:59	1891	16.0	151.2	80.3	1144.6	64.4	323.9
08:28:2001:11:54:19	1881	16.0	156.6	80.4	1171.4	64.3	333.0
08:28:2001:11:54:39	1877	16.0	161.9	80.3	1198.1	64.3	342.1
08:28:2001:11:54:59	1872	16.0	167.2	80.4	1224.9	64.3	351.2

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AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	INJ RATE bbl/min	TOT BH INJ bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf
08:28:2001:11:55:59	1854	16.0	183.2	80.5	1305.3	64.5	378.5
08:28:2001:11:56:19	1849	16.0	188.5	80.4	1332.1	64.5	387.6
08:28:2001:11:56:39	1849	16.0	193.9	80.5	1359.0	64.5	396.7
08:28:2001:11:56:59	1849	16.0	199.2	80.5	1385.8	64.5	405.8
08:28:2001:11:57:19	1836	16.0	204.5	80.5	1412.6	64.5	414.9
08:28:2001:11:57:39	1836	16.0	209.9	80.5	1439.4	64.5	424.1
08:28:2001:11:57:59	1826	16.0	215.2	80.4	1466.3	64.4	433.2
08:28:2001:11:58:19	1822	16.0	220.5	80.4	1493.1	64.4	442.3
08:28:2001:11:58:39	1822	16.0	225.9	80.5	1519.9	64.5	451.4
08:28:2001:11:58:59	1817	16.0	231.2	80.5	1546.8	64.5	460.5
08:28:2001:11:59:19	1817	16.0	236.5	80.5	1573.6	64.5	469.6
08:28:2001:11:59:39	1813	16.0	241.9	80.5	1600.4	64.5	478.7
08:28:2001:11:59:59	1799	16.0	247.2	80.5	1627.3	64.5	487.9
08:28:2001:12:00:19	1799	16.0	252.5	80.4	1654.1	64.4	497.0
08:28:2001:12:00:39	1790	16.0	257.9	80.5	1680.9	64.5	506.1
08:28:2001:12:00:59	1790	16.0	263.2	80.5	1707.8	64.5	515.2
08:28:2001:12:01:19	1781	16.0	268.6	80.5	1734.6	64.5	524.3
08:28:2001:12:01:39	1776	16.0	273.9	80.5	1761.4	64.5	533.4
08:28:2001:12:01:59	1781	16.0	279.2	80.5	1788.2	64.5	542.5
08:28:2001:12:02:19	1776	16.0	284.6	80.5	1815.1	64.5	551.7
08:28:2001:12:02:39	1772	16.0	289.9	80.5	1841.9	64.4	560.8
08:28:2001:12:02:59	1772	16.0	295.2	80.4	1868.7	64.4	569.9
08:28:2001:12:03:19	1772	16.0	300.6	80.4	1895.6	64.4	579.0
08:28:2001:12:03:39	1767	16.0	305.9	80.5	1922.4	64.5	588.1
08:28:2001:12:03:59	1767	16.0	311.2	80.5	1949.2	64.5	597.2
08:28:2001:12:04:19	1772	16.0	316.6	80.5	1976.1	64.5	606.3
08:28:2001:12:04:39	1772	16.0	321.9	80.5	2002.9	64.5	615.5
08:28:2001:12:04:59	1767	16.0	327.2	80.5	2029.7	64.5	624.6
08:28:2001:12:05:19	1772	16.0	332.6	80.5	2056.5	64.5	633.7
08:28:2001:12:05:39	1767	16.0	337.9	80.5	2083.4	64.5	642.8
08:28:2001:12:05:59	1767	16.0	343.2	80.4	2110.2	64.4	651.9
08:28:2001:12:06:19	1762	16.0	348.6	80.5	2137.0	64.5	661.0
08:28:2001:12:06:39	1758	16.0	353.9	80.6	2163.9	64.5	670.1
08:28:2001:12:06:59	1758	16.0	359.3	80.5	2190.7	64.5	679.3
08:28:2001:12:07:19	1749	16.0	364.6	80.5	2217.5	64.5	688.4
08:28:2001:12:07:39	1749	16.0	369.9	80.5	2244.4	64.5	697.5
08:28:2001:12:07:59	1744	16.0	375.3	80.5	2271.2	64.5	706.6
08:28:2001:12:08:19	1744	16.0	380.6	80.5	2298.0	64.5	715.7
08:28:2001:12:08:39	1740	16.0	385.9	80.6	2324.9	64.5	724.8
08:28:2001:12:08:59	1735	16.0	391.3	80.5	2351.7	64.5	734.0
08:28:2001:12:09:19	1730	16.0	396.6	80.6	2378.5	64.5	743.1
08:28:2001:12:09:39	1735	16.0	401.9	80.5	2405.4	64.5	752.2
08:28:2001:12:09:59	1730	16.0	407.3	80.5	2432.2	64.5	761.3
08:28:2001:12:10:19	1730	16.0	412.6	80.5	2459.0	64.5	770.4
08:28:2001:12:10:39	1730	16.0	417.9	80.5	2485.8	64.5	779.5
08:28:2001:12:10:59	1726	16.0	423.3	80.5	2512.7	64.5	788.6
08:28:2001:12:11:19	1735	16.1	428.6	80.5	2539.5	64.5	797.7
08:28:2001:12:11:39	1721	16.0	434.0	80.4	2566.3	64.4	806.9
08:28:2001:12:11:59	1717	16.0	439.3	80.6	2593.2	64.6	816.0
08:28:2001:12:12:19	1707	16.0	444.6	80.6	2620.0	64.6	825.1
08:28:2001:12:12:39	1703	16.0	450.0	80.5	2646.9	64.5	834.2
08:28:2001:12:12:59	1698	16.0	455.3	80.6	2673.7	64.6	843.4
08:28:2001:12:13:19	1689	16.0	460.6	80.5	2700.6	64.5	852.5
08:28:2001:12:13:39	1685	16.0	466.0	80.5	2727.4	64.5	861.6
08:28:2001:12:13:59	1671	16.0	471.3	80.7	2754.3	64.7	870.7
08:28:2001:12:14:19	1671	16.0	476.6	80.7	2781.2	64.7	879.9
08:28:2001:12:14:39	1657	16.0	482.0	80.6	2808.1	64.6	889.0
08:28:2001:12:14:59	1657	16.0	487.3	80.7	2835.0	64.7	898.1
08:28:2001:12:15:19	1653	16.0	492.6	80.6	2861.8	64.6	907.3
08:28:2001:12:15:39	1653	16.0	498.0	80.5	2888.7	64.5	916.4
08:28:2001:12:15:59	1643	16.0	503.3	80.5	2915.5	64.5	925.5
08:28:2001:12:16:19	1643	16.0	508.7	80.4	2942.3	64.4	934.6
08:28:2001:12:16:39	1643	16.0	514.0	80.5	2969.2	64.5	943.7
08:28:2001:12:16:59	1643	16.0	519.3	80.5	2996.0	64.5	952.8
08:28:2001:12:17:19	1639	16.0	524.7	80.5	3022.8	64.5	962.0
08:28:2001:12:17:39	1639	16.0	530.0	80.4	3049.6	64.4	971.1
08:28:2001:12:17:59	1620	16.1	535.3	80.4	3076.4	64.4	980.2
08:28:2001:12:18:19	1593	16.1	540.7	80.4	3103.2	64.4	989.3
08:28:2001:12:18:39	1570	16.0	546.0	80.4	3130.0	64.3	998.4
08:28:2001:12:18:55	Started Flush Automatically						
08:28:2001:12:18:55	1511	6.5	550.2	78.6	3151.3	64.4	1005.6
08:28:2001:12:18:59	1428	0.0	550.2	64.5	3155.7	64.5	1007.5
08:28:2001:12:19:19	1268	0.0	550.2	64.5	3177.2	64.5	1016.6
08:28:2001:12:19:39	1245	0.0	550.2	64.5	3198.7	64.5	1025.7
08:28:2001:12:19:55	Stage at Peris: Flush						
08:28:2001:12:19:55	1154	0.0	550.2	64.2	3218.5	64.2	1032.9
08:28:2001:12:19:59	1089	0.0	550.2	9.1	3223.3	9.1	1033.6
08:28:2001:12:20:19	1003	0.0	550.2	0.0	3224.2	0.0	1033.9

COPY

Schlumberger	Customer: Exxon Mobil
	District: ULYSSES
	Representative: Richard Leibs
	DS Supervisor: Dave Brawley
	Well: Roach 1-4
Job Date: 08-28-2001	

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	INJ RATE bbl/min	TOT BH INJ bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf
08:28:2001:11:32:19	5	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:32:39	46	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:32:59	3117	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:33:19	3049	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:33:39	2911	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:33:59	2866	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:34:19	2852	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:34:39	2948	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:34:59	3172	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:35:19	3131	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:35:39	3099	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:35:59	3067	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:36:19	3053	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:36:59	3058	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:37:19	3062	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:37:39	3067	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:38:19	3323	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:38:39	3575	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:38:59	3548	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:39:19	1900	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:39:39	247	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:39:57	Started PAD						
08:28:2001:11:39:57	18	0.0	0.0	0.0	0.0	0.0	0.0
08:28:2001:11:39:59	9	0.0	0.0	3.4	0.1	3.4	0.0
08:28:2001:11:40:19	50	2.5	0.8	4.7	1.9	2.1	0.4
08:28:2001:11:40:39	146	7.0	2.6	21.2	6.7	14.2	1.7
08:28:2001:11:40:59	233	7.8	5.2	20.5	14.0	12.7	3.7
08:28:2001:11:41:19	339	7.8	7.8	22.1	20.8	14.3	5.5
08:28:2001:11:41:39	453	7.8	10.4	23.8	29.5	16.0	8.1
08:28:2001:11:41:59	627	7.8	13.0	40.5	43.4	32.7	12.9
08:28:2001:11:42:19	810	7.8	15.6	39.7	56.6	31.9	17.4
08:28:2001:11:42:30	Stage at Perfs: PAD						
08:28:2001:11:42:30	916	7.8	17.0	39.7	63.7	31.9	19.9
08:28:2001:11:42:39	1007	7.8	18.2	39.7	69.6	31.9	21.9
08:28:2001:11:42:59	1176	6.2	20.7	37.9	62.8	31.9	26.4
08:28:2001:11:43:19	1437	10.7	23.5	71.2	101.1	60.7	33.1
08:28:2001:11:43:39	1804	13.0	27.5	77.6	126.3	64.5	42.1
08:28:2001:11:43:59	1987	0.0	28.6	63.9	148.7	63.9	51.2
08:28:2001:11:44:19	2042	0.0	28.6	64.0	170.0	64.0	60.2
08:28:2001:11:44:39	1904	0.0	28.6	64.1	191.3	64.1	69.3
08:28:2001:11:44:59	1927	2.9	28.9	66.8	421.4	64.1	78.3
08:28:2001:11:45:19	1982	6.5	30.2	70.2	444.1	64.2	87.4
08:28:2001:11:45:39	1959	10.6	33.0	74.6	468.3	64.2	96.5
08:28:2001:11:45:59	1538	1.1	34.0	65.3	491.5	64.3	105.5
08:28:2001:11:46:19	1511	7.0	35.4	71.2	514.7	64.3	114.6
08:28:2001:11:46:39	1593	11.8	38.6	75.9	549.4	64.4	123.7
08:28:2001:11:46:59	1749	13.1	42.9	77.5	584.7	64.4	132.8
08:28:2001:11:47:19	1730	12.4	47.0	76.8	610.9	64.5	141.9
08:28:2001:11:47:39	1740	12.4	50.7	76.4	636.2	64.5	151.0
08:28:2001:11:47:59	1845	15.4	55.6	79.8	662.5	64.5	160.2
08:28:2001:11:48:19	1904	15.8	60.8	80.2	689.3	64.5	169.3
08:28:2001:11:48:39	1918	16.0	66.1	80.4	716.3	64.4	178.4
08:28:2001:11:48:59	1909	16.0	71.4	80.3	743.0	64.4	187.5
08:28:2001:11:49:19	1923	15.9	76.8	80.3	769.6	64.3	196.6
08:28:2001:11:49:39	1932	16.0	82.1	80.3	796.6	64.3	205.7
08:28:2001:11:49:59	1955	15.9	87.4	80.3	823.3	64.4	214.8
08:28:2001:11:50:19	1950	16.0	92.7	80.3	850.1	64.3	223.9
08:28:2001:11:50:39	1959	16.0	98.0	80.3	876.8	64.3	232.9
08:28:2001:11:50:59	1955	16.0	103.3	80.3	903.6	64.3	242.0
08:28:2001:11:51:19	1955	16.0	108.6	80.3	930.4	64.4	251.1
08:28:2001:11:51:39	1955	16.0	114.0	80.4	957.2	64.3	260.2
08:28:2001:11:51:59	1959	16.0	119.3	80.3	983.9	64.3	269.3
08:28:2001:11:52:19	1950	16.0	124.6	80.3	1010.7	64.4	278.4
08:28:2001:11:52:39	1950	16.0	129.9	80.3	1037.5	64.3	287.5
08:28:2001:11:52:59	1950	16.0	135.3	80.3	1064.3	64.4	296.6
08:28:2001:11:53:19	1923	16.0	140.6	80.3	1091.0	64.4	305.7
08:28:2001:11:53:39	1900	16.0	145.9	80.4	1117.8	64.4	314.8
08:28:2001:11:53:59	1891	16.0	151.2	80.3	1144.6	64.4	323.9
08:28:2001:11:54:19	1881	16.0	156.6	80.4	1171.4	64.3	333.0
08:28:2001:11:54:39	1877	16.0	161.9	80.3	1198.1	64.3	342.1
08:28:2001:11:54:59	1672	16.0	167.2	80.4	1224.9	64.3	351.2

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KCC WICHITA

Well: Roach 1-4

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	INJ RATE bbl/min	TOT BH INJ bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf
08:28:2001:11:55:59	1854	16.0	183.2	80.5	1305.3	64.5	378.5
08:28:2001:11:56:19	1849	16.0	188.5	80.4	1332.1	64.5	387.6
08:28:2001:11:56:39	1849	16.0	193.9	80.5	1359.0	64.5	396.7
08:28:2001:11:56:59	1849	16.0	199.2	80.5	1385.8	64.5	405.8
08:28:2001:11:57:19	1836	16.0	204.5	80.5	1412.6	64.5	414.9
08:28:2001:11:57:39	1836	16.0	209.9	80.5	1439.4	64.5	424.1
08:28:2001:11:57:59	1826	16.0	215.2	80.4	1466.3	64.4	433.2
08:28:2001:11:58:19	1822	16.0	220.5	80.4	1493.1	64.4	442.3
08:28:2001:11:58:39	1822	16.0	225.9	80.5	1519.9	64.5	451.4
08:28:2001:11:58:59	1817	16.0	231.2	80.5	1546.8	64.5	460.5
08:28:2001:11:59:19	1817	16.0	236.5	80.5	1573.6	64.5	469.6
08:28:2001:11:59:39	1813	16.0	241.9	80.5	1600.4	64.5	478.7
08:28:2001:11:59:59	1799	16.0	247.2	80.5	1627.3	64.5	487.9
08:28:2001:12:00:19	1799	16.0	252.5	80.4	1654.1	64.4	497.0
08:28:2001:12:00:39	1790	16.0	257.9	80.5	1680.9	64.5	506.1
08:28:2001:12:00:59	1790	16.0	263.2	80.5	1707.8	64.5	515.2
08:28:2001:12:01:19	1781	16.0	268.6	80.5	1734.6	64.5	524.3
08:28:2001:12:01:39	1776	16.0	273.9	80.5	1761.4	64.5	533.4
08:28:2001:12:01:59	1781	16.0	279.2	80.5	1788.2	64.5	542.5
08:28:2001:12:02:19	1776	16.0	284.6	80.5	1815.1	64.5	551.7
08:28:2001:12:02:39	1772	16.0	289.9	80.5	1841.9	64.4	560.8
08:28:2001:12:02:59	1772	16.0	295.2	80.4	1868.7	64.4	569.9
08:28:2001:12:03:19	1772	16.0	300.6	80.4	1895.6	64.4	579.0
08:28:2001:12:03:39	1767	16.0	305.9	80.5	1922.4	64.5	588.1
08:28:2001:12:03:59	1767	16.0	311.2	80.5	1949.2	64.5	597.2
08:28:2001:12:04:19	1772	16.0	316.6	80.5	1976.1	64.5	606.3
08:28:2001:12:04:39	1772	16.0	321.9	80.5	2002.9	64.5	615.5
08:28:2001:12:04:59	1767	16.0	327.2	80.5	2029.7	64.5	624.6
08:28:2001:12:05:19	1772	16.0	332.6	80.5	2056.5	64.5	633.7
08:28:2001:12:05:39	1767	16.0	337.9	80.5	2083.4	64.5	642.8
08:28:2001:12:05:59	1767	16.0	343.2	80.4	2110.2	64.4	651.9
08:28:2001:12:06:19	1762	16.0	348.6	80.5	2137.0	64.5	661.0
08:28:2001:12:06:39	1758	16.0	353.9	80.6	2163.9	64.5	670.1
08:28:2001:12:06:59	1758	16.0	359.3	80.5	2190.7	64.5	679.3
08:28:2001:12:07:19	1749	16.0	364.6	80.5	2217.5	64.5	688.4
08:28:2001:12:07:39	1749	16.0	369.9	80.5	2244.4	64.5	697.5
08:28:2001:12:07:59	1744	16.0	375.3	80.5	2271.2	64.5	706.6
08:28:2001:12:08:19	1744	16.0	380.6	80.5	2298.0	64.5	715.7
08:28:2001:12:08:39	1740	16.0	385.9	80.6	2324.9	64.5	724.8
08:28:2001:12:08:59	1735	16.0	391.3	80.5	2351.7	64.5	734.0
08:28:2001:12:09:19	1730	16.0	396.6	80.6	2378.5	64.5	743.1
08:28:2001:12:09:39	1735	16.0	401.9	80.5	2405.4	64.5	752.2
08:28:2001:12:09:59	1730	16.0	407.3	80.5	2432.2	64.5	761.3
08:28:2001:12:10:19	1730	16.0	412.6	80.5	2459.0	64.5	770.4
08:28:2001:12:10:39	1730	16.0	417.9	80.5	2485.8	64.5	779.5
08:28:2001:12:10:59	1726	16.0	423.3	80.5	2512.7	64.5	788.6
08:28:2001:12:11:19	1735	16.1	428.6	80.5	2539.5	64.5	797.8
08:28:2001:12:11:39	1721	16.0	434.0	80.4	2566.3	64.4	806.9
08:28:2001:12:11:59	1717	16.0	439.3	80.6	2593.2	64.6	816.0
08:28:2001:12:12:19	1707	16.0	444.6	80.6	2620.0	64.6	825.1
08:28:2001:12:12:39	1703	16.0	450.0	80.5	2646.9	64.5	834.2
08:28:2001:12:12:59	1698	16.0	455.3	80.6	2673.7	64.6	843.4
08:28:2001:12:13:19	1689	16.0	460.6	80.5	2700.6	64.5	852.5
08:28:2001:12:13:39	1685	16.0	466.0	80.5	2727.4	64.5	861.6
08:28:2001:12:13:59	1671	16.0	471.3	80.7	2754.3	64.7	870.7
08:28:2001:12:14:19	1671	16.0	476.6	80.7	2781.2	64.7	879.9
08:28:2001:12:14:39	1657	16.0	482.0	80.6	2808.1	64.6	889.0
08:28:2001:12:14:59	1657	16.0	487.3	80.7	2835.0	64.7	898.1
08:28:2001:12:15:19	1653	16.0	492.6	80.6	2861.8	64.6	907.3
08:28:2001:12:15:39	1653	16.0	498.0	80.5	2888.7	64.5	916.4
08:28:2001:12:15:59	1643	16.0	503.3	80.5	2915.5	64.5	925.5
08:28:2001:12:16:19	1643	16.0	508.6	80.4	2942.3	64.4	934.6
08:28:2001:12:16:39	1643	16.0	514.0	80.5	2969.2	64.5	943.7
08:28:2001:12:16:59	1643	16.0	519.3	80.5	2996.0	64.5	952.8
08:28:2001:12:17:19	1639	16.0	524.7	80.5	3022.8	64.5	962.0
08:28:2001:12:17:39	1639	16.0	530.0	80.4	3049.6	64.4	971.1
08:28:2001:12:17:59	1620	16.1	535.3	80.4	3076.4	64.4	980.2
08:28:2001:12:18:19	1593	16.1	540.7	80.4	3103.2	64.4	989.3
08:28:2001:12:18:39	1570	16.0	546.0	80.4	3130.0	64.3	998.4
08:28:2001:12:18:55	Started Flush Automatically						
08:28:2001:12:18:55	1511	6.5	550.2	78.6	3151.3	64.4	1005.6
08:28:2001:12:18:59	1428	0.0	550.2	64.5	3155.7	64.5	1007.5
08:28:2001:12:19:19	1268	0.0	550.2	64.5	3177.2	64.5	1016.6
08:28:2001:12:19:39	1245	0.0	550.2	64.5	3198.7	64.5	1025.7
08:28:2001:12:19:55	Stage at Perfs: Flush						
08:28:2001:12:19:55	1154	0.0	550.2	64.2	3218.5	64.2	1032.9
08:28:2001:12:19:59	1089	0.0	550.2	9.1	3223.3	9.1	1033.6
08:28:2001:12:20:19	1003	0.0	550.2	0.0	3224.2	0.0	1033.9