

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION
WICHITA, KANSAS

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: Evelyn Boutte'
 Phone: (713) 431-1446
 Contractor: Name: DOWELL
 License: N. A.
 Wellsite Geologist: N. A.
 Designate Type of Completion:
 New Well Re-Entry Workover (Refrac)
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: Republic Natural Gas Co.
 Well Name: Brubake #1
 Original Comp. Date: 03/02/46 Original Total Depth: 2881
~~SW~~ FRACTURE TREATED
 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. _____
 06/29/01 03/02/46 09/11/01
~~DATE~~ Date of **START** Date Reached TD Completion Date of
OF WORKOVER **WORKOVER**

API No. 15 - 189-00580 - 0001
 County: Stevens
NE 1/2, W 1/2 SE Sec. 2 Twp. 34S S. R. 37 East West
1,320 feet from S (circle one) Line of Section
100 feet from E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Brubaker Well #: 1
 Field Name: Hugoton
 Producing Formation: Chase
 Elevation: Ground: 3,117 Kelly Bushing: 3,120
 Total Depth: 2,881 Plug Back Total Depth: -----
 Amount of Surface Pipe Set and Cemented at 650 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.

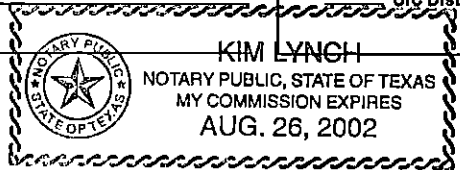
Drilling Fluid Management Plan REWORK JRL 6/12/02
 (Data must be collected from the Reserve Pit)
 Chloride content N. A. ppm Fluid volume N. A. bbls
 Dewatering method used _____
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ 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: Evelyn Boutte'
 Title: Staff Admin. Asst. Date: 09/24/01
 Subscribed and sworn to before me this 24th day of September,
2001.
 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: Brubaker Well #: 1
 Sec. 2 Twp. 34S S. R. 37 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 <i>(Attach Additional Sheets)</i> 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 <i>(Submit Copy)</i> List All E. Logs Run:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>U.Krider</td> <td>2,647</td> <td></td> </tr> <tr> <td>L. Krider</td> <td>2,699</td> <td></td> </tr> <tr> <td>Winfield</td> <td>2,765</td> <td></td> </tr> <tr> <td>Towanda</td> <td>2,815</td> <td></td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	U.Krider	2,647		L. Krider	2,699		Winfield	2,765		Towanda	2,815	
<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																	
Name	Top	Datum																	
U.Krider	2,647																		
L. Krider	2,699																		
Winfield	2,765																		
Towanda	2,815																		

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		10 3/4	32.75	650		250	
Production		7	20	2,647		900	
Liner	6 1/2	5 1/2	14	2,881		N.A.	

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
	2,647 - 2,881	Frac w/ 80Q N2 foam @ plus/minus 80 BPM	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input checked="" type="checkbox"/> Yes <input 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 Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 2,647 - 2,881

Production Interval Other (Specify) _____

ORIGINAL SEP 25 2001

Schlumberger	Customer: Exxon Mobil
	District: ULYSSES
	Representative: Richard Lewis
	DS Supervisor: Jeff Dutton
	Well: Brubaker 1
Job Date: 07-02-2001	CONSERVATION DIVISION WICHITA, KS

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
07:02:2001:12:57:32	0	3.7	0.0	0.0	0	0.0	0.0	0.0	3.7
07:02:2001:12:57:52	0	3.8	0.0	0.0	0	0.0	0.0	0.0	3.8
07:02:2001:12:58:32	275	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:12:58:52	247	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:12:59:12	238	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:12:59:32	233	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:12:59:52	229	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:00:12	1984	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:00:32	2962	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:00:52	2916	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:01:12	2902	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:01:32	2688	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:01:52	3008	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:02:12	2939	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:02:32	2866	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:02:52	2843	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:03:12	371	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:03:32	490	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:03:52	577	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:04:11	Started PAD								
07:02:2001:13:04:11	18	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
07:02:2001:13:04:32	-5	7.2	1.9	0.0	0	0.0	1.9	0.0	7.2
07:02:2001:13:04:52	0	9.2	4.7	20.7	8785	0.7	5.9	0.0	29.9
07:02:2001:13:05:12	96	9.8	7.9	7.0	4883	2.1	15.0	0.0	16.8
07:02:2001:13:05:32	188	10.0	11.2	19.2	8144	5.8	24.7	0.0	29.2
07:02:2001:13:05:52	252	10.1	14.5	20.8	8705	8.7	34.6	0.0	30.7
07:02:2001:13:06:12	316	10.0	17.9	39.8	16889	14.0	50.3	0.0	49.9
07:02:2001:13:06:32	385	10.0	21.2	40.1	17049	19.6	66.9	0.0	50.0
07:02:2001:13:06:52	444	9.9	24.6	40.4	17169	25.3	83.7	0.0	50.4
07:02:2001:13:07:12	499	10.0	27.9	40.5	17189	31.1	100.5	0.0	50.5
07:02:2001:13:07:20	Stage at Perfs: PAD								
07:02:2001:13:07:20	522	10.3	29.3	40.3	17089	33.4	107.2	0.0	50.5
07:02:2001:13:07:32	545	10.2	31.3	40.2	17009	36.8	117.3	68.6	50.4
07:02:2001:13:07:52	623	12.9	35.0	57.7	24473	42.4	134.1	66.3	70.3
07:02:2001:13:08:12	778	14.8	39.4	71.6	30876	51.9	180.5	80.0	88.4
07:02:2001:13:08:32	911	16.6	44.6	79.5	33758	62.8	191.4	80.0	98.1
07:02:2001:13:08:52	1039	19.0	50.8	79.9	33938	74.1	224.0	80.0	98.9
07:02:2001:13:09:12	1149	20.1	57.1	80.0	33918	85.4	257.2	83.3	100.2
07:02:2001:13:09:32	1238	20.2	63.9	80.1	33938	96.7	290.6	83.2	100.3
07:02:2001:13:09:52	1282	20.2	70.8	67.5	28035	107.0	321.7	80.9	87.7
07:02:2001:13:10:12	1328	20.2	77.3	68.8	29135	118.5	351.0	80.4	89.0
07:02:2001:13:10:32	1350	20.2	84.1	68.8	29135	128.2	380.7	80.0	89.0
07:02:2001:13:10:52	1187	0.0	89.6	3.8	1541	133.7	404.8	80.0	3.8
07:02:2001:13:11:12	1021	0.0	89.6	0.1	40	133.8	405.2	80.0	0.1
07:02:2001:13:11:32	929	0.0	89.6	0.0	20	133.8	405.2	78.0	0.0
07:02:2001:13:11:52	861	0.0	89.6	0.0	20	133.8	405.2	78.0	0.0
07:02:2001:13:12:12	806	0.0	89.6	0.1	60	133.9	405.3	78.0	0.1
07:02:2001:13:13:16	691	0.0	89.6	4.1	1741	133.9	405.4	78.0	4.1
07:02:2001:13:13:36	627	15.5	92.0	5.4	6023	134.5	409.1	78.0	20.9
07:02:2001:13:13:56	742	19.8	98.1	65.4	27914	141.5	430.6	77.1	85.1
07:02:2001:13:14:16	883	20.2	104.7	79.3	33677	152.0	461.7	77.2	98.5
07:02:2001:13:14:36	1003	20.2	111.4	79.9	33898	163.2	495.0	77.3	100.1
07:02:2001:13:14:56	1149	20.2	118.2	79.9	33898	174.5	528.4	75.0	100.1
07:02:2001:13:15:16	1250	20.2	124.9	79.8	33878	185.8	561.7	79.0	100.0
07:02:2001:13:15:36	1323	20.2	131.6	79.9	33878	197.1	595.1	79.7	100.1
07:02:2001:13:15:56	1382	20.2	138.3	79.9	33898	208.4	628.4	79.8	100.1
07:02:2001:13:16:16	1424	20.2	145.1	80.0	33938	219.7	661.8	79.8	100.2
07:02:2001:13:16:36	1458	20.2	151.8	80.2	34018	231.0	695.3	79.8	100.4
07:02:2001:13:16:56	1479	20.2	158.5	80.3	34038	242.3	728.7	79.8	100.5
07:02:2001:13:17:16	1492	20.2	165.2	80.3	34098	253.7	762.2	79.9	100.6
07:02:2001:13:17:36	1497	20.2	172.0	80.3	34078	265.0	795.7	79.9	100.5
07:02:2001:13:17:56	1501	20.2	178.7	80.4	34078	276.4	829.3	79.9	100.6
07:02:2001:13:18:16	1501	20.1	185.4	80.4	34058	287.8	862.8	79.9	100.5
07:02:2001:13:18:36	1506	20.1	192.1	80.4	34078	299.1	896.3	79.9	100.5
07:02:2001:13:18:56	1506	20.1	198.9	80.4	34058	310.5	929.8	79.9	100.5
07:02:2001:13:19:16	1506	20.2	205.6	80.4	34098	321.8	963.3	79.9	100.6
07:02:2001:13:19:36	1511	20.2	212.3	80.4	34098	333.2	996.8	79.9	100.6
07:02:2001:13:19:56	1511	20.2	219.1	80.4	34098	344.6	1030.4	79.9	100.6
07:02:2001:13:20:16	1506	20.2	225.8	80.4	34078	355.9	1063.9	79.9	100.6
07:02:2001:13:20:36	1497	20.2	232.5	80.5	34138	367.3	1097.4	79.9	100.7
07:02:2001:13:20:56	1488	20.1	239.2	80.5	34118	378.7	1131.0	79.9	100.6
07:02:2001:13:21:16	1479	20.2	246.0	80.5	34158	390.0	1164.5	79.9	100.7
07:02:2001:13:21:36	1474	20.2	252.7	80.4	34118	401.4	1198.1	79.9	100.6
07:02:2001:13:21:56	1465	20.2	259.4	80.5	34118	412.8	1231.6	79.9	100.7
07:02:2001:13:22:16	1465	20.2	266.1	80.4	34098	424.1	1265.1	79.9	100.7
07:02:2001:13:22:36	1480	20.2	272.9	80.4	34098	435.5	1298.7	79.9	100.6
07:02:2001:13:22:56	1460	20.2	279.6	80.4	34078	446.9	1332.2	79.9	100.6
07:02:2001:13:23:16	1460	20.2	286.3	80.4	34058	458.2	1365.7	79.9	100.6
07:02:2001:13:23:36	1456	20.2	293.1	80.4	34078	469.6	1399.2	79.9	100.6
07:02:2001:13:23:56	1456	20.2	299.8	80.4	34078	480.9	1432.8	79.9	100.6
07:02:2001:13:24:16	1447	20.2	306.5	80.4	34078	492.3	1466.3	79.9	100.6
07:02:2001:13:24:36	1437	20.2	313.3	80.4	34078	503.7	1499.8	79.9	100.6
07:02:2001:13:24:56	1433	20.2	320.0	80.4	34078	515.0	1533.3	79.9	100.6

ORIGINAL

Job Date: 07-02-2001

Well: Brubaker 1

AcqTime mm:dd/yyyy;hh:mm:ss	TR PRESS psi	CPLD 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
07:02:2001:13:25:38	1419	20.2	333.5	80.3	34058	597.7	1800.3	79.9	100.5
07:02:2001:13:25:58	1419	20.2	340.2	80.4	34078	549.1	1633.8	79.9	100.6
07:02:2001:13:26:16	1414	20.3	346.9	80.4	34078	560.4	1687.4	79.9	100.7
07:02:2001:13:26:36	1414	20.2	353.7	80.4	34078	571.8	1700.9	79.9	100.6
07:02:2001:13:26:56	1410	20.2	360.4	80.4	34078	583.2	1734.4	79.9	100.6
07:02:2001:13:27:16	1405	20.2	367.1	80.3	34038	594.5	1767.9	79.9	100.5
07:02:2001:13:27:36	1401	20.2	373.8	80.3	34058	605.9	1801.4	79.9	100.6
07:02:2001:13:27:56	1401	20.2	380.6	80.3	34038	617.2	1834.9	79.9	100.5
07:02:2001:13:28:16	1401	20.2	387.3	80.3	34038	628.5	1868.4	79.9	100.5
07:02:2001:13:28:36	1396	20.2	394.0	80.3	34058	639.9	1901.9	79.9	100.5
07:02:2001:13:28:56	1396	20.2	400.8	80.3	34078	651.2	1935.4	79.9	100.5
07:02:2001:13:29:16	1396	20.2	407.5	80.2	34038	662.6	1968.9	79.9	100.4
07:02:2001:13:29:36	1401	20.2	414.2	80.3	34038	673.9	2002.3	79.9	100.5
07:02:2001:13:29:56	1396	20.2	421.0	80.3	34018	685.3	2035.8	79.9	100.5
07:02:2001:13:30:16	1396	20.2	427.7	80.2	34038	696.6	2069.3	79.9	100.4
07:02:2001:13:30:36	1396	20.2	434.4	80.3	34038	708.0	2102.8	79.9	100.5
07:02:2001:13:30:56	1401	20.2	441.2	80.2	34038	719.3	2136.3	79.9	100.4
07:02:2001:13:31:16	1401	20.2	447.9	80.2	33998	730.6	2169.8	79.9	100.4
07:02:2001:13:31:36	1401	20.2	454.6	80.2	33998	742.0	2203.2	79.9	100.5
07:02:2001:13:31:56	1401	20.2	461.4	80.2	34018	753.3	2236.7	79.9	100.5
07:02:2001:13:32:16	1396	20.2	468.1	80.2	33998	764.7	2270.2	79.9	100.4
07:02:2001:13:32:36	1396	20.2	474.8	80.2	33998	776.0	2303.6	79.9	100.4
07:02:2001:13:32:56	1396	20.2	481.5	80.2	33998	787.3	2337.1	79.9	100.4
07:02:2001:13:33:16	1396	20.1	488.3	80.2	34018	798.7	2370.6	79.9	100.3
07:02:2001:13:33:36	1392	20.2	495.0	80.2	33998	810.0	2404.0	79.9	100.4
07:02:2001:13:33:56	1392	20.2	501.7	80.2	33998	821.3	2437.5	79.9	100.5
07:02:2001:13:34:16	1392	20.1	508.5	80.2	34038	832.7	2471.0	79.9	100.3
07:02:2001:13:34:36	1392	20.2	515.2	80.2	34018	844.0	2504.4	79.9	100.4
07:02:2001:13:34:56	1392	20.2	521.9	80.2	33998	855.3	2537.9	79.9	100.4
07:02:2001:13:35:16	1392	20.2	528.7	80.1	33998	866.7	2571.3	79.9	100.3
07:02:2001:13:35:36	1364	20.2	535.4	80.2	33998	878.0	2604.8	79.9	100.4
07:02:2001:13:35:56	1309	20.2	542.1	80.2	33978	889.3	2638.3	79.9	100.4
07:02:2001:13:36:16	1263	20.2	548.9	80.3	34038	900.7	2671.7	79.9	100.5
07:02:2001:13:36:19	Started Flush Automatically								
07:02:2001:13:36:19	1250	20.1	549.9	80.3	34018	902.4	2676.8	79.9	100.5
07:02:2001:13:36:36	1190	0.0	550.4	80.3	34038	912.0	2700.1	79.9	80.3
07:02:2001:13:36:56	1199	0.0	550.4	80.3	34018	923.4	2726.8	79.9	80.3
07:02:2001:13:37:16	1218	0.0	550.4	80.3	34038	934.7	2753.6	79.9	80.3
07:02:2001:13:37:36	1231	0.0	550.4	80.2	34018	946.1	2780.3	79.9	80.2
07:02:2001:13:37:41	Stage at Perfs: Flush								
07:02:2001:13:37:41	1236	0.0	550.4	80.2	34018	948.9	2787.0	92.4	80.2
07:02:2001:13:37:56	1163	0.0	550.4	2.6	1101	951.5	2794.5	0.0	2.6

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