

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: 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:  
 New Well  Re-Entry  Workover (frac)  
 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: Brownell #1 Unit, Well # 2

Original Comp. Date: 08/08/1985 Original Total Depth: 6450  
~~XXX~~ FRACTURE TREATED  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back 2930 Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

02/22/2002 07/15/1985 02/28/2002  
~~Spud~~ Date of START Date Reached TD Completion Date of  
OF WORKOVER WORKOVER

API No. 15 - 189-20856-0002  
County: Stevens  
SW SW SW Sec. 6 Twp. 32 S. R. 35  East  West  
660 feet from S N (circle one) Line of Section  
660 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Brownell #1 Unit Well #: 2  
Field Name: Hugoton

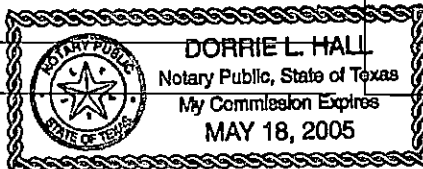
Producing Formation: Chase  
Elevation: Ground: 3035 Kelly Bushing: 3051  
Total Depth: 6450 Plug Back Total Depth: 2930  
Amount of Surface Pipe Set and Cemented at 1811 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set N. A. Feet  
If Alternate II completion, cement circulated from N. A.  
feet depth to N. A. w/ N. A. sx cmt.

Drilling Fluid Management Plan REWORK 9/2 6/05/02  
(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 W. Date: May 2, 2002  
Subscribed and sworn to before me this 2<sup>ND</sup> day of MAY  
18 2002  
Notary Public: Dorrie L. Hall  
Date Commission Expires: 5/18/05



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: Brownell #1 Unit Well #: 2  
 Sec. 6 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 <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:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  <p style="text-align: center; font-size: 1.2em;">NO CHANGE</p>
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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
NO CHANGE							

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 <i>(Amount and Kind of Material Used)</i>	Depth
1 SPF	2690-2705, 2740-2755	frac w/ 80Q N2 foam @ plus/minus 80 BPM	

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. (See G-2)		Producing Method <input type="checkbox"/> Flowing <input checked="" 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
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	<u>2690</u> <u>2815</u>

ORIGINAL

15-189-20856-0001

<b>Schlumberger</b>	Customer: Exxon Mobil
	District: Ulysses, KS
Job Date: 02-26-2002	Representative: Mr. Richard Lewis
	DS Supervisor: Dave Brawley
	Well: Brownell #1-2

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	BH FOAM QUALITY %	INJ RATE bbl/min	N2 RATE scf/min	SLUR RATE bbl/min	TOT INJ bbl	TOT N2 Mscf	TOT SLUR bbl
02:26:2002:14:11:05	362	0.0	8.1	13867	8.0	0.1	0.2	0.1
02:26:2002:14:11:25	389	0.0	40.4	13747	8.0	13.4	4.8	2.8
02:26:2002:14:11:45	426	0.0	40.4	13727	8.1	26.8	9.4	5.5
02:26:2002:14:12:05	430	0.0	36.2	11876	8.1	39.1	13.4	8.2
02:26:2002:14:12:25	485	0.0	39.8	13397	8.0	52.0	17.8	10.9
02:26:2002:14:12:42	Stage at Perfs: Pad							
02:26:2002:14:12:42	586	80.1	73.2	27374	14.0	63.9	21.8	13.8
02:26:2002:14:12:45	613	80.1	79.6	26934	14.8	67.8	23.2	14.5
02:26:2002:14:13:05	760	77.5	79.7	27174	15.9	93.3	31.8	19.6
02:26:2002:14:13:25	911	80.0	79.6	27064	15.9	120.0	40.9	24.9
02:26:2002:14:13:45	1089	79.9	78.9	26734	15.9	146.5	49.9	30.3
02:26:2002:14:14:05	1263	80.0	80.2	27214	15.9	173.0	58.9	35.6
02:26:2002:14:14:25	1442	80.0	80.0	27214	16.0	199.7	68.0	40.9
02:26:2002:14:14:45	1584	80.0	80.2	27304	15.9	226.4	77.0	46.2
02:26:2002:14:15:05	1703	80.1	79.9	27174	15.9	253.2	86.1	51.5
02:26:2002:14:15:25	1808	80.2	79.9	27134	15.8	279.8	95.2	56.8
02:26:2002:14:15:45	1863	80.2	80.1	27164	16.0	306.4	104.2	62.1
02:26:2002:14:16:05	1895	80.1	80.5	27364	15.9	333.2	113.3	67.4
02:26:2002:14:16:25	1849	80.1	80.7	27414	15.9	360.0	122.4	72.7
02:26:2002:14:16:45	1813	80.1	80.6	27404	16.0	386.9	131.6	78.1
02:26:2002:14:17:05	1799	80.2	80.8	27474	16.0	413.8	140.7	83.4
02:26:2002:14:17:25	1749	80.2	80.9	27494	16.0	440.7	149.9	88.7
02:26:2002:14:17:45	1735	80.2	80.6	27434	16.0	467.6	159.0	94.1
02:26:2002:14:18:05	1735	80.2	80.7	27414	16.0	494.6	168.2	99.4
02:26:2002:14:18:25	1717	80.2	80.7	27424	16.0	521.4	177.3	104.7
02:26:2002:14:18:45	1694	80.2	80.6	27404	15.9	548.3	186.4	110.1
02:26:2002:14:19:05	1698	80.2	80.7	27414	16.0	575.2	195.6	115.4
02:26:2002:14:19:25	1698	80.2	80.6	27454	16.0	602.1	204.7	120.5
02:26:2002:14:19:45	1680	80.2	80.7	27414	16.0	628.9	213.8	126.1
02:26:2002:14:20:05	1675	80.2	80.7	27414	16.0	655.8	223.0	131.4
02:26:2002:14:20:25	1689	80.2	80.6	27394	15.9	682.7	232.1	136.7
02:26:2002:14:20:45	1694	80.2	80.6	27384	16.0	709.6	241.2	142.1
02:26:2002:14:21:05	1694	80.2	80.7	27404	16.0	736.4	250.4	147.4
02:26:2002:14:21:25	1671	80.2	80.6	27364	16.0	763.3	259.5	152.7
02:26:2002:14:21:45	1680	80.1	80.5	27374	16.0	790.2	268.6	158.1
02:26:2002:14:22:05	1675	80.1	80.7	27424	15.9	817.0	277.8	163.4
02:26:2002:14:22:25	1671	80.1	80.7	27404	16.0	843.9	286.9	168.7
02:26:2002:14:22:45	1657	80.1	80.5	27384	16.0	870.8	296.0	174.1
02:26:2002:14:23:05	1666	80.2	80.6	27434	16.0	897.7	305.2	179.4
02:26:2002:14:23:25	1662	80.1	80.6	27414	16.0	924.6	314.3	184.7
02:26:2002:14:23:45	1653	80.2	80.7	27424	16.0	951.4	323.4	190.1
02:26:2002:14:24:05	1648	80.1	80.6	27394	16.0	978.3	332.6	195.4
02:26:2002:14:24:25	1639	80.1	80.7	27414	16.0	1005.2	341.7	200.8
02:26:2002:14:24:45	1639	80.1	80.6	27384	16.0	1032.1	350.8	206.1
02:26:2002:14:25:05	1639	80.1	80.7	27434	16.0	1059.0	360.0	211.5
02:26:2002:14:25:25	1620	80.1	80.6	27404	16.0	1085.9	369.1	216.8
02:26:2002:14:25:45	1634	80.1	80.9	27434	16.0	1112.8	378.3	222.1
02:26:2002:14:26:05	1634	80.1	80.9	27494	16.0	1139.7	387.4	227.5
02:26:2002:14:26:25	1625	80.1	80.9	27504	16.0	1166.6	396.6	232.8
02:26:2002:14:26:45	1630	80.1	80.7	27444	16.0	1193.6	405.7	238.2
02:26:2002:14:27:05	1630	80.2	80.8	27444	16.0	1220.5	414.9	243.5
02:26:2002:14:27:25	1625	80.1	80.8	27404	16.0	1247.4	424.0	248.9
02:26:2002:14:27:45	1620	80.1	80.6	27404	16.0	1274.3	433.1	254.2
02:26:2002:14:28:05	1625	80.1	80.7	27434	16.0	1301.2	442.3	259.6
02:26:2002:14:28:25	1620	80.1	80.8	27454	16.0	1328.1	451.4	264.9
02:26:2002:14:28:45	1620	80.1	80.6	27394	16.0	1355.0	460.6	270.3
02:26:2002:14:29:05	1630	80.1	80.7	27404	16.0	1381.9	469.7	275.6
02:26:2002:14:29:25	1630	80.1	80.9	27414	16.0	1408.8	478.8	281.0
02:26:2002:14:29:45	1616	80.1	80.6	27354	16.0	1435.7	488.0	286.3
02:26:2002:14:30:05	1625	80.1	80.7	27414	16.0	1462.6	497.1	291.6
02:26:2002:14:30:25	1616	80.1	80.5	27354	16.0	1489.4	506.2	297.0
02:26:2002:14:30:45	1611	80.1	80.7	27434	16.0	1516.3	515.4	302.3
02:26:2002:14:31:05	1593	80.1	80.5	27374	16.0	1543.2	524.5	307.7
02:26:2002:14:31:25	1598	80.1	80.9	27434	16.0	1570.1	533.6	313.0
02:26:2002:14:31:45	1598	80.1	80.8	27404	16.0	1597.0	542.8	318.4
02:26:2002:14:32:05	1607	80.1	80.6	27414	16.2	1623.9	551.9	323.7
02:26:2002:14:32:25	1616	80.1	80.6	27394	16.0	1650.8	561.0	329.1
02:26:2002:14:32:45	1616	80.1	80.6	27364	16.0	1677.7	570.2	334.4
02:26:2002:14:33:05	1611	80.1	80.6	27404	16.0	1704.6	579.3	339.8
02:26:2002:14:33:25	1607	80.1	80.8	27444	16.2	1731.5	588.4	345.1
02:26:2002:14:33:45	1602	80.1	80.8	27374	16.0	1758.3	597.6	350.5

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KANSAS CORPORATION COMMISSION

MAY 09 2002

CONSERVATION DIVISION  
WICHITA, KS

# ORIGINAL

Well: Brownell #1-2

Job Date: 02-26-2002

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	BH FOAM QUALITY %	INJ RATE bbl/min	N2 RATE scf/min	SLUR RATE bbl/min	TOT INJ bbl	TOT N2 Mscf	TOT SLUR bbl
02:26:2002:14:34:45	1620	80.1	80.6	27364	16.0	1839.0	624.9	366.6
02:26:2002:14:35:05	1620	80.1	80.6	27374	16.0	1865.9	634.1	371.9
02:26:2002:14:35:25	1625	80.1	80.8	27454	16.2	1892.8	643.2	377.3
02:26:2002:14:35:45	1616	80.1	80.7	27344	16.0	1919.7	652.3	382.6
02:26:2002:14:36:05	1616	80.1	80.5	27324	16.0	1946.5	661.5	388.0
02:26:2002:14:36:25	1620	80.1	80.4	27274	16.0	1973.4	670.6	393.3
02:26:2002:14:36:45	1607	80.1	80.6	27324	16.0	2000.2	679.7	398.7
02:26:2002:14:37:05	1611	80.1	80.7	27374	16.0	2027.0	688.8	404.0
02:26:2002:14:37:25	1611	80.1	80.7	27334	16.0	2053.9	697.9	409.4
02:26:2002:14:37:45	1602	80.1	80.5	27324	16.0	2080.8	707.0	414.7
02:26:2002:14:38:05	1602	80.1	80.5	27364	16.0	2107.6	716.1	420.1
02:26:2002:14:38:25	1611	80.1	80.5	27394	16.0	2134.4	725.2	425.4
02:26:2002:14:38:45	1616	80.0	80.9	27514	16.0	2161.4	734.4	430.8
02:26:2002:14:39:05	1611	80.1	80.9	27504	16.2	2188.4	743.6	436.1
02:26:2002:14:39:25	1611	80.1	79.8	27074	16.2	2215.2	752.7	441.5
02:26:2002:14:39:45	1611	80.1	80.5	27274	16.0	2242.0	761.8	446.9
02:26:2002:14:40:05	1611	80.0	80.5	27324	16.0	2268.8	770.9	452.2
02:26:2002:14:40:25	1616	80.0	80.6	27334	16.0	2295.6	780.0	457.6
02:26:2002:14:40:45	1616	80.0	80.5	27344	16.0	2322.5	789.1	462.9
02:26:2002:14:41:05	1616	80.0	80.5	27344	16.0	2349.3	798.2	468.3
02:26:2002:14:41:25	1620	80.1	80.6	27344	16.0	2376.2	807.3	473.6
02:26:2002:14:41:45	1616	80.1	80.6	27344	16.0	2403.0	816.4	479.0
02:26:2002:14:42:05	1598	80.1	80.6	27344	16.0	2429.9	825.5	484.4
02:26:2002:14:42:25	1602	80.1	80.6	27344	16.0	2456.7	834.6	489.7
02:26:2002:14:42:45	1588	80.1	80.6	27344	16.0	2483.6	843.8	495.1
02:26:2002:14:43:05	1616	80.0	80.5	27344	16.0	2510.4	852.9	500.4
02:26:2002:14:43:25	1625	80.1	80.5	27364	16.2	2537.3	862.0	505.8
02:26:2002:14:43:45	1634	80.1	80.5	27344	16.0	2564.2	871.1	511.1
02:26:2002:14:44:05	1648	80.1	80.5	27324	16.0	2591.0	880.2	516.5
02:26:2002:14:44:25	1643	80.1	80.5	27334	16.0	2617.9	889.3	521.8
02:26:2002:14:44:45	1630	80.1	80.3	27244	16.2	2644.7	898.4	527.2
02:26:2002:14:45:05	1630	80.0	80.2	27194	16.0	2671.4	907.5	532.6
02:26:2002:14:45:25	1634	80.0	80.1	27164	16.0	2698.2	916.6	537.9
02:26:2002:14:45:45	1620	80.0	80.1	27154	16.0	2724.9	925.6	543.3
02:26:2002:14:46:05	1662	80.0	80.1	27134	12.3	2751.6	934.7	548.6
02:26:2002:14:46:08	Started Flush Manually							
02:26:2002:14:46:08	1538	80.0	64.2	27184	0.0	2755.1	936.0	548.7
02:26:2002:14:46:25	1469	80.0	64.0	27154	0.0	2773.3	943.7	548.7
02:26:2002:14:46:45	1460	79.9	64.0	27134	0.0	2794.6	952.8	548.7
02:26:2002:14:47:05	1465	83.8	64.0	27154	0.0	2816.0	961.8	548.7
02:26:2002:14:47:10	Stage at Perfs. Flush							
02:26:2002:14:47:10	1378	0.0	59.2	18790	0.0	2821.3	964.0	548.7
02:26:2002:14:47:25	1254	0.0	0.8	340	0.0	2822.8	964.3	548.7
02:26:2002:14:47:45	1218	0.0	0.0	0	0.0	2822.9	964.3	548.7
02:26:2002:14:48:05	1199	0.0	0.0	0	0.0	2822.9	964.3	548.7
02:26:2002:14:48:25	1186	0.0	0.0	0	0.0	2822.9	964.3	548.7
02:26:2002:14:48:45	1176	0.0	0.0	0	0.0	2822.9	964.3	548.7
02:26:2002:14:49:05	1158	0.0	0.0	0	0.0	2822.9	964.3	548.7
02:26:2002:14:49:25	1135	0.0	0.0	0	0.0	2822.9	964.3	548.7
02:26:2002:14:49:45	1131	0.0	0.0	20	0.0	2822.9	964.3	548.7
02:26:2002:14:50:05	1144	0.0	0.0	0	0.0	2822.9	964.3	548.7
02:26:2002:14:50:25	1144	0.0	0.1	0	0.0	2822.9	964.3	548.7

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KANSAS CORPORATION COMMISSION

MAY 09 2002

CONSERVATION DIVISION  
WICHITA, KS