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KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION
WICHITA, KS

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 Energey
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: Mobil Oil Corporation
Well Name: BROWN UNIT #1, WELL #9
Original Comp. Date: 11-13-95 Original Total Depth: 2808

___ 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.

1-25-02	10-5-95	2-1-02
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 055-21437-00-01
County: FINNEY
SE NE NW Sec. 35 Twp. 24 S. R. 35 ☐ East ☑ West
1250 feet from S / (N) (circle one) Line of Section
2650 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: BROWN UNIT #7 Well #: 9
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 2945 Kelly Bushing: 2956
Total Depth: 2808 Plug Back Total Depth: 2755
Amount of Surface Pipe Set and Cemented at 494 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 OWWO KJR 2-5-08
(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: Beverly Roppolo
Title: Contract Completions Admin Date: 5/21/03
Subscribed and sworn to before me this 21 day of May, 2003
Notary Public: Kim Lynch
Date Commission Expires: Aug. 26, 2006

KIM LYNCH
NOTARY PUBLIC, STATE OF TEXAS
MY 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

Side Two

Operator Name: Exxon Mobil Oil Corporation * Lease Name: BROWN UNIT #7 Well #: 9

Sec. 35 Twp. 24 S. R. 35 ☐ East ☑ West County: FINNEY

ORIGINAL

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 *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run *(Submit Copy)*	☐ Yes	☑ No

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
U. KRIDER	2534'	2549'
WINFIELD	2600'	2610'
TOWANDA	2650'	2670'

CASING RECORD ☑ New ☐ 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#	494	CLASS C	375	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2798	CLASS C	275, 150	3%D79,2% B28

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	2534' - 2670'	FRAC'D WELL WITH	
		80Q N2 FOAM @ PLUS/MINUS 80 BPM	

TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☑ No

Date of First, Resumed Production, SWD or Enhr.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ 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 *(If vented, Sumit ACO-18.)*

☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other *(Specify)*

ORIGINAL

Schlumberger

Job Date: 01-28-2002

Customer: ExxonMobil
District: Ulysses, KS
Representative: Richard Lewis
DS Supervisor: Dave Brawley
Well: Brown 7-9

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	BH FOAM QUALITY %	INJ RATE bbl/min	CFLD RATE bbl/min	N2 RATE scf/min	TOT INJ bbl	TOT N2 Mscf	TOT CFLD bbl
01:28:2002:17:04:37	2998	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:04:57	2971	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:05:17	2953	0.0	0.0	0.0	2821	0.0	0.0	0.0
01:28:2002:17:05:37	2939	0.0	0.0	0.0	2932	0.0	0.0	0.0
01:28:2002:17:05:57	2930	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:06:17	2921	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:06:37	2916	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:06:57	2907	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:07:17	2902	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:07:37	2888	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:07:57	2875	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:08:17	2856	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:08:37	275	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:08:57	316	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:09:17	320	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:09:37	18	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:09:57	23	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:10:17	18	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:10:37	Started Pad							
01:28:2002:17:10:37	41	0.0	0.0	0.0	0	0.0	0.0	0.0
01:28:2002:17:10:57	64	0.0	13.5	0.0	9035	1.1	0.6	0.0
01:28:2002:17:11:17	179	0.0	25.7	0.0	10936	8.4	3.7	0.0
01:28:2002:17:11:37	311	0.0	37.7	8.4	12436	19.3	7.7	1.7
01:28:2002:17:11:57	407	0.0	39.3	8.1	13227	32.2	12.0	4.4
01:28:2002:17:12:17	476	0.0	39.6	8.1	13347	45.4	16.4	7.2
01:28:2002:17:12:37	591	0.0	39.6	8.1	13347	58.6	20.9	9.9
01:28:2002:17:12:42	Stage at Perfs: Pad							
01:28:2002:17:12:42	632	0.0	39.7	8.3	13337	61.9	22.0	10.6
01:28:2002:17:12:57	751	96.7	39.5	8.1	13307	71.8	25.3	12.6
01:28:2002:17:13:17	-1373	78.0	52.4	16.7	13777	86.3	30.0	16.0
01:28:2002:17:13:37	-3658	79.3	73.9	15.8	24783	108.1	37.2	21.4
01:28:2002:17:13:57	1666	79.3	78.4	15.6	26574	133.9	45.9	26.7
01:28:2002:17:14:17	1859	76.6	79.9	16.4	26934	160.3	54.8	32.0
01:28:2002:17:14:37	1927	79.9	80.3	16.3	27174	187.0	63.8	37.5
01:28:2002:17:14:57	1877	79.7	80.2	16.3	27104	213.7	72.9	42.9
01:28:2002:17:15:17	1863	79.6	79.5	15.6	27094	240.3	81.9	48.2
01:28:2002:17:15:37	1872	79.8	79.7	15.8	27104	266.9	90.9	53.4
01:28:2002:17:15:57	1872	80.1	80.0	16.0	27114	293.5	100.0	58.8
01:28:2002:17:16:17	1872	80.1	80.0	16.0	27144	320.2	109.0	64.1
01:28:2002:17:16:37	1877	80.0	80.0	16.0	27114	346.9	118.1	69.5
01:28:2002:17:16:57	1886	79.9	80.0	16.0	27104	373.6	127.1	74.8
01:28:2002:17:17:17	1881	79.9	80.0	16.0	27114	400.2	136.1	80.2
01:28:2002:17:17:37	1909	79.9	80.0	16.0	27094	426.9	145.2	85.5
01:28:2002:17:17:57	1900	79.9	80.0	16.0	27114	453.5	154.2	90.9
01:28:2002:17:18:17	1900	79.9	80.0	16.0	27094	480.2	163.3	96.2
01:28:2002:17:18:37	1895	80.0	80.0	16.0	27104	506.9	172.3	101.6
01:28:2002:17:18:57	1891	80.0	80.0	16.0	27104	533.5	181.3	106.9
01:28:2002:17:19:17	1891	80.0	80.0	16.0	27114	560.2	190.4	112.3
01:28:2002:17:19:37	1877	80.0	80.0	16.0	27114	586.8	199.4	117.6
01:28:2002:17:19:57	1854	80.0	80.0	16.0	27104	613.5	208.4	122.9
01:28:2002:17:20:17	1863	80.0	80.0	16.0	27114	640.1	217.5	128.3
01:28:2002:17:20:37	1863	80.0	80.0	16.0	27114	666.8	226.5	133.6
01:28:2002:17:20:57	1849	80.0	80.0	16.0	27104	693.5	235.5	139.0
01:28:2002:17:21:17	1859	79.9	80.0	16.0	27114	720.1	244.6	144.3
01:28:2002:17:21:37	1849	80.0	80.0	16.0	27114	746.8	253.6	149.7
01:28:2002:17:21:57	1854	80.0	80.0	16.0	27114	773.4	262.7	155.0
01:28:2002:17:22:17	1859	80.0	80.0	16.0	27114	800.1	271.7	160.4
01:28:2002:17:22:37	1845	80.0	80.0	16.0	27114	826.8	280.7	165.7
01:28:2002:17:22:57	1859	79.9	80.0	16.0	27114	853.4	289.8	171.1
01:28:2002:17:23:17	1859	79.9	80.0	16.0	27114	880.1	298.8	176.4
01:28:2002:17:23:37	1859	80.0	80.0	16.0	27104	906.7	307.8	181.7
01:28:2002:17:23:57	1863	80.0	80.0	16.0	27104	933.4	316.9	187.1
01:28:2002:17:24:17	1854	80.0	80.0	16.0	27104	960.0	325.9	192.4
01:28:2002:17:24:37	1863	80.0	79.9	16.0	27094	986.7	335.0	197.8
01:28:2002:17:24:57	1849	80.0	80.0	16.0	27114	1013.3	344.0	203.1
01:28:2002:17:25:17	1868	80.0	80.0	16.0	27114	1040.0	353.0	208.4
01:28:2002:17:25:37	1859	80.0	80.0	16.0	27114	1066.6	362.1	213.8
01:28:2002:17:25:57	1859	80.0	80.0	16.0	27144	1093.3	371.1	219.1
01:28:2002:17:26:17	1849	80.0	80.0	16.0	27144	1120.0	380.2	224.5
01:28:2002:17:26:37	1859	80.0	80.0	16.0	27124	1146.7	389.2	229.8
01:28:2002:17:26:57	1840	80.0	80.0	16.0	27124	1173.3	398.2	235.2

ORIGINAL

Well: Brown 7-9

Job Date: 01-28-2002

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	BH FOAM QUALITY %	INJ RATE bbl/min	CFLD RATE bbl/min	N2 RATE scf/min	TOT INJ bbl	TOT N2 Mscf	TOT CFLD bbl
01:28:2002:17:27:57	1854	80.0	80.0	16.0	27124	1253.3	425.4	251.2
01:28:2002:17:28:17	1840	80.0	80.0	16.0	27124	1280.0	434.4	256.5
01:28:2002:17:28:37	1822	80.0	80.0	16.0	27124	1306.6	443.4	261.9
01:28:2002:17:28:57	1840	80.0	80.0	16.0	27124	1333.3	452.5	267.2
01:28:2002:17:29:17	1822	80.0	80.0	16.0	27124	1360.0	461.5	272.6
01:28:2002:17:29:37	1831	80.0	80.0	16.0	27114	1386.6	470.6	277.9
01:28:2002:17:29:57	1826	80.0	80.0	16.0	27124	1413.3	479.6	283.2
01:28:2002:17:30:17	1826	80.0	80.0	16.0	27114	1440.0	488.6	288.6
01:28:2002:17:30:37	1826	80.0	80.1	16.0	27164	1466.7	497.7	293.9
01:28:2002:17:30:57	1822	80.0	80.2	16.2	27164	1493.4	506.8	299.3
01:28:2002:17:31:17	1826	80.0	80.1	16.0	27164	1520.1	515.8	304.6
01:28:2002:17:31:37	1817	80.0	80.1	16.0	27164	1546.8	524.9	310.0
01:28:2002:17:31:57	1822	80.0	80.0	16.0	27154	1573.5	533.9	315.3
01:28:2002:17:32:17	1808	80.0	80.2	16.2	27144	1600.2	543.0	320.7
01:28:2002:17:32:37	1817	80.0	80.1	16.0	27144	1626.8	552.0	326.0
01:28:2002:17:32:57	1817	80.0	80.1	16.0	27154	1653.5	561.1	331.4
01:28:2002:17:33:17	1817	80.0	80.1	16.0	27154	1680.2	570.1	336.7
01:28:2002:17:33:37	1804	80.0	80.0	16.0	27154	1706.9	579.2	342.1
01:28:2002:17:33:57	1817	80.0	80.1	16.0	27144	1733.6	588.2	347.4
01:28:2002:17:34:17	1822	80.0	80.0	16.0	27154	1760.3	597.3	352.7
01:28:2002:17:34:37	1817	80.0	80.1	16.0	27154	1787.0	606.3	358.1
01:28:2002:17:34:57	1808	80.0	80.1	16.0	27154	1813.7	615.4	363.4
01:28:2002:17:35:17	1799	80.0	80.0	16.0	27154	1840.4	624.4	368.8
01:28:2002:17:35:37	1808	80.0	80.1	16.0	27154	1867.1	633.5	374.1
01:28:2002:17:35:57	1813	80.0	80.0	16.0	27154	1893.8	642.5	379.5
01:28:2002:17:36:17	1813	80.0	80.1	16.0	27134	1920.5	651.6	384.8
01:28:2002:17:36:37	1808	80.0	80.2	16.2	27144	1947.2	660.6	390.2
01:28:2002:17:36:57	1813	80.0	80.1	16.0	27144	1973.9	669.7	395.5
01:28:2002:17:37:17	1813	80.0	80.0	16.0	27154	2000.5	678.7	400.9
01:28:2002:17:37:37	1808	80.0	80.0	16.0	27144	2027.2	687.8	406.2
01:28:2002:17:37:57	1808	80.0	80.0	16.0	27144	2053.9	696.8	411.6
01:28:2002:17:38:17	1799	80.0	80.0	16.0	27134	2080.6	705.9	416.9
01:28:2002:17:38:37	1790	80.0	80.1	16.0	27154	2107.3	714.9	422.3
01:28:2002:17:38:57	1804	80.0	80.1	16.2	27144	2134.0	724.0	427.6
01:28:2002:17:39:17	1808	80.0	80.0	16.0	27134	2160.7	733.0	433.0
01:28:2002:17:39:37	1808	80.0	80.0	16.0	27134	2187.4	742.0	438.3
01:28:2002:17:39:57	1804	80.0	80.0	16.0	27154	2214.1	751.1	443.7
01:28:2002:17:40:17	1790	80.0	80.1	16.0	27154	2240.8	760.1	449.0
01:28:2002:17:40:37	1794	80.0	80.1	16.0	27154	2267.5	769.2	454.4
01:28:2002:17:40:57	1808	80.0	80.1	16.0	27154	2294.1	778.2	459.7
01:28:2002:17:41:17	1813	80.0	80.0	16.0	27154	2320.8	787.3	465.1
01:28:2002:17:41:37	1804	80.0	80.0	16.0	27154	2347.5	796.3	470.4
01:28:2002:17:41:57	1804	80.0	80.1	16.0	27154	2374.2	805.4	475.8
01:28:2002:17:42:17	1790	80.0	80.0	16.0	27154	2400.9	814.5	481.1
01:28:2002:17:42:37	1808	80.0	80.1	16.0	27154	2427.6	823.5	486.5
01:28:2002:17:42:57	1799	80.0	80.1	16.0	27154	2454.3	832.6	491.8
01:28:2002:17:43:17	1794	80.0	80.1	16.0	27154	2481.0	841.6	497.2
01:28:2002:17:43:37	1781	80.0	80.1	16.0	27174	2507.7	850.7	502.5
01:28:2002:17:43:57	1794	80.0	80.1	16.0	27174	2534.4	859.7	507.9
01:28:2002:17:44:17	1804	80.0	80.1	16.0	27174	2561.1	868.8	513.2
01:28:2002:17:44:37	1804	80.0	80.1	16.0	27164	2587.8	877.8	518.6
01:28:2002:17:44:57	1804	80.0	80.2	16.2	27164	2614.5	886.9	523.9
01:28:2002:17:45:17	1808	80.0	80.2	16.2	27144	2641.3	895.9	529.3
01:28:2002:17:45:37	1808	80.0	80.1	16.0	27164	2668.0	905.0	534.6
01:28:2002:17:45:57	1813	80.0	80.2	16.2	27164	2694.7	914.0	540.0
01:28:2002:17:46:17	1808	80.0	80.1	16.0	27144	2721.4	923.1	545.3
01:28:2002:17:46:37	1707	79.9	64.1	0.0	27154	2747.4	932.2	550.0
01:28:2002:17:46:57	1657	80.0	64.1	0.0	27164	2768.7	941.2	550.0
01:28:2002:17:47:17	1662	80.0	64.1	0.0	27184	2790.1	950.3	550.0
01:28:2002:17:47:37	1671	0.0	64.1	0.0	27154	2811.5	959.3	550.0
01:28:2002:17:47:57	1479	0.0	0.0	0.0	60	2823.7	964.1	550.0