

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 SERVICES  
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: BROOKS #1 UNIT, WELL #3  
Original Comp. Date: 5-27-88 Original Total Depth: 6900'  
 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. \_\_\_\_\_  
10-5-01 3-9-88 10-15-01  
SPUD Date of **START** Date Reached TD Completion Date of  
**OF WORKOVER** **WORKOVER**

API No. 15 - 189-21149-00-01  
County: Stevens  
SW NE NE Sec. 10 Twp. 34 S. R. 38  East  West  
4041.6 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  
Base Name: BROOKS #1 UNIT Well #: 3  
Field Name: Hugoton  
Producing Formation: Chase  
Elevation: Ground: 3207' Kelly Bushing: 3223'  
Total Depth: 6900' Plug Back Total Depth: 2992'  
Amount of Surface Pipe Set and Cemented at 1776' 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 cm.

Drilling Fluid Management Plan REWORK 8/21 7/22/03  
(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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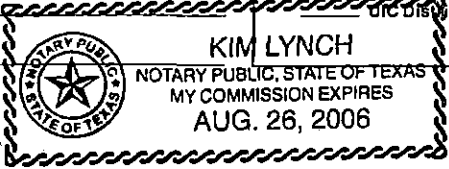
XXX HYDRAULICALLY FRACTURED

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: 5-29-03  
Subscribed and sworn to before me this 29th day of May, 2003  
Notary Public: Kim Lynch  
Date Commission Expires: Aug. 26, 2006

KCC Office Use ONLY  
 Letter of Confidentiality Attached  
 Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
CIC Distribution



X

Operator Name: Exxon Mobil Oil Corporation \* Lease Name: BROOKS #1 UNIT Well #: 3  
 Sec. 10 Twp. 34 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:

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
CHASE	2498'	
COUNCIL GROVE	2936'	
ADMIRE	3189'	

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#	1776'	CLASS C	800	
PRODUCTION	7.875	5.500	14#	3013'	CLASS C	375	

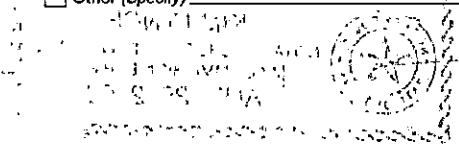
ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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 15"	2622' - 2857'	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 Bbbs.	Gas Mcf	Water Bbbs.	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  Other (Specify)



<p style="font-size: 1.2em; font-weight: bold; margin: 0;">Schlumberger</p> <p style="margin: 5px 0 0 0;">Job Date: 10-09-2001</p>	<p style="margin: 0;">Customer: Exxon Mobil</p> <p style="margin: 0;">District: ULYSSES</p> <p style="margin: 0;">Representative: Richard Lewis</p> <p style="margin: 0;">DS Supervisor: Dave Brawley</p> <p style="margin: 0;">Well: Brooks 1-3</p>
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AcqTime hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	INJ RATE bbl/min	TOT BH INJ bbl
08:02:35	0	1.1	0.0	1.2	0.0
08:02:55	87	1.0	0.0	1.1	0.0
08:03:15	380	0.3	0.0	0.3	0.0
08:03:35	407	0.0	0.0	0.0	0.0
08:03:55	2536	0.0	0.0	0.0	0.0
08:04:15	2339	0.0	0.0	0.0	0.0
08:04:35	2641	0.0	0.0	0.0	0.0
08:04:55	3474	0.0	0.0	0.0	0.0
08:05:15	3415	0.0	0.0	0.0	0.0
08:05:35	3378	0.0	0.0	0.0	0.0
08:05:55	3346	0.0	0.0	0.0	0.0
08:06:15	3319	0.0	0.0	0.0	0.0
08:06:35	3296	0.0	0.0	0.0	0.0
08:06:55	3273	0.0	0.0	0.0	0.0
08:07:15	3259	0.0	0.0	0.0	0.0
08:07:35	3255	0.0	0.0	0.0	0.0
08:07:55	3246	0.0	0.0	0.0	0.0
08:08:15	3236	0.0	0.0	0.0	0.0
08:08:35	3127	0.0	0.0	0.0	0.0
08:08:55	247	0.1	0.0	0.1	0.0
08:09:15	279	0.0	0.0	0.0	0.0
08:09:18	Started PAD				
08:09:18	284	0.0	0.0	0.0	0.0
08:09:35	23	0.8	0.2	3.8	1.0
08:09:55	82	5.7	0.9	7.5	2.7
08:10:15	179	7.6	3.3	34.3	10.0
08:10:57	366	6.1	5.4	37.9	21.9
08:11:17	412	7.8	7.9	29.0	33.4
08:11:37	421	7.8	10.5	39.7	44.9
08:11:57	426	7.8	13.1	39.7	58.2
08:12:07	Stage of Perfs. PAD				
08:12:07	439	7.8	14.4	39.7	64.7
08:12:17	458	7.8	15.7	39.8	71.1
08:12:37	499	7.8	18.3	39.8	84.4
08:12:57	554	7.8	20.9	39.7	97.7
08:13:17	623	7.8	23.5	39.8	110.9
08:13:37	682	8.4	26.1	40.2	124.2
08:13:57	801	13.9	30.0	68.9	142.0
08:14:17	952	18.4	35.2	78.5	166.8
08:14:37	1071	17.2	41.1	79.7	193.4
08:14:57	1282	16.3	46.7	78.7	219.7
08:15:17	1414	16.1	52.1	79.7	246.1
08:15:37	1497	16.0	57.5	80.4	272.8
08:15:57	1538	16.1	62.8	80.2	299.6
08:16:17	1538	16.1	68.2	80.4	326.4
08:16:37	1552	16.1	73.6	80.3	353.2
08:16:57	1570	16.1	78.9	80.4	380.0
08:17:17	1584	16.0	84.3	80.4	406.8
08:17:37	1593	16.1	89.6	80.5	433.6
08:17:57	1598	16.1	95.0	80.5	460.4
08:18:17	1602	16.0	100.3	80.5	487.3
08:18:37	1607	16.0	105.6	80.6	514.1
08:18:57	1611	16.0	111.0	80.5	541.0
08:19:17	1625	16.0	116.3	80.7	567.9
08:19:37	1634	16.1	121.6	80.4	594.7
08:19:57	1643	16.1	127.0	80.4	621.5
08:20:17	1653	15.9	132.3	80.3	648.3
08:20:37	1653	15.9	137.6	80.3	675.1
08:20:57	1653	15.9	143.0	80.6	702.0
08:21:17	1657	16.1	148.3	80.5	728.8
08:21:37	1662	16.0	153.6	80.5	755.6
08:21:57	1662	16.0	158.9	80.4	782.4
08:22:17	1666	15.9	164.3	80.5	809.2
08:22:37	1666	16.0	169.6	80.4	836.0
08:22:57	1671	15.9	174.9	80.5	862.8
08:23:17	1675	15.9	180.2	80.5	889.6
08:23:37	1675	15.9	185.5	80.4	916.4
08:23:57	1671	15.9	190.8	80.4	943.2
08:24:17	1666	16.0	196.2	80.4	970.0
08:24:37	1671	15.9	201.5	80.4	996.8
08:24:57	1671	15.9	206.8	80.4	1023.5

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AcqTime hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	INJ RATE bbl/min	TOT BH INJ bbl
08:25:57	1675	15.9	222.7	80.4	1103.9
08:26:17	1675	15.9	228.1	80.5	1130.7
08:26:37	1675	15.9	233.4	80.4	1157.5
08:26:57	1680	16.0	238.7	80.5	1184.3
08:27:17	1685	15.9	244.0	80.5	1211.1
08:27:37	1685	15.9	249.3	80.4	1237.9
08:27:57	1689	15.9	254.6	80.6	1264.8
08:28:17	1689	15.9	259.9	80.6	1291.6
08:28:37	1689	15.9	265.2	80.6	1318.4
08:28:57	1685	16.0	270.5	80.5	1345.3
08:29:17	1675	16.0	275.8	80.6	1372.1
08:29:37	1666	16.0	281.1	80.6	1398.9
08:29:57	1657	16.0	286.5	80.5	1425.8
08:30:17	1643	15.9	291.8	80.6	1452.6
08:30:37	1634	16.0	297.1	80.5	1479.5
08:30:57	1630	16.0	302.4	80.5	1506.3
08:31:17	1630	15.9	307.7	80.5	1533.1
08:31:37	1630	15.9	313.1	80.3	1559.9
08:31:57	1630	16.0	318.4	80.2	1586.6
08:32:17	1630	15.9	323.7	80.4	1613.4
08:32:37	1625	16.0	329.0	80.3	1640.2
08:32:57	1625	15.9	334.3	80.5	1667.0
08:33:17	1625	15.9	339.7	80.2	1693.7
08:33:37	1625	15.9	345.0	80.2	1720.5
08:33:57	1625	16.0	350.3	80.3	1747.3
08:34:17	1625	15.9	355.6	80.5	1774.0
08:34:37	1625	16.0	360.9	80.4	1800.8
08:34:57	1625	15.9	366.3	80.3	1827.6
08:35:17	1620	15.9	371.6	80.3	1854.4
08:35:37	1620	15.9	376.9	80.2	1881.2
08:35:57	1620	15.9	382.2	80.3	1907.9
08:36:17	1620	15.9	387.5	80.3	1934.7
08:36:37	1620	15.9	392.9	80.3	1961.5
08:36:57	1620	16.0	398.2	80.3	1988.3
08:37:17	1616	15.9	403.5	80.3	2015.1
08:37:37	1611	16.0	408.8	80.3	2041.8
08:37:57	1611	16.0	414.2	80.4	2068.6
08:38:17	1607	16.0	419.5	80.4	2095.4
08:38:37	1607	16.0	424.8	80.4	2122.2
08:38:57	1607	15.9	430.1	80.3	2149.0
08:39:17	1607	16.0	435.4	80.3	2175.7
08:39:37	1607	15.9	440.8	80.4	2202.5
08:39:57	1607	15.9	446.1	80.3	2229.3
08:40:17	1607	15.9	451.4	80.4	2256.1
08:40:37	1607	16.0	456.7	80.3	2282.8
08:40:57	1607	15.9	462.1	80.3	2309.6
08:41:17	1602	15.9	467.4	80.3	2336.4
08:41:37	1602	15.9	472.7	80.3	2363.2
08:41:57	1602	16.0	478.0	80.5	2390.0
08:42:17	1602	15.9	483.3	80.3	2416.7
08:42:37	1602	16.0	488.7	80.4	2443.5
08:42:57	1602	15.9	494.0	80.4	2470.3
08:43:17	1598	16.0	499.3	80.4	2497.1
08:43:37	1598	15.9	504.6	80.5	2523.9
08:43:57	1598	15.9	510.0	80.4	2550.7
08:44:17	1598	15.9	515.3	80.4	2577.5
08:44:37	1593	15.9	520.6	80.5	2604.3
08:44:57	1556	16.0	526.0	80.3	2631.1
08:45:17	1506	16.1	531.3	80.5	2657.9
08:45:37	1456	16.0	536.6	80.6	2684.8
08:45:57	1401	16.2	542.0	80.5	2711.6
08:46:17	1387	16.1	547.4	80.7	2738.5
08:46:36	Started Flush Manually				
08:46:36	1318	0.0	549.9	64.5	2761.5
08:46:37	1318	0.0	549.9	64.5	2762.5
08:46:57	1318	0.0	549.9	64.5	2784.0
08:47:17	1350	0.0	549.9	64.4	2805.5
08:47:37	Stage at Perfs. Flush				
08:47:37	1364	0.0	549.9	64.4	2844.4
08:47:57	1218	0.0	549.9	1.1	2847.9
08:48:17	1199	0.0	549.9	1.0	2848.2
08:48:37	1186	0.0	549.9	1.0	2848.4
08:48:57	1195	0.0	549.9	1.1	2848.4
08:49:17	1190	0.0	549.9	1.1	2848.4
08:49:37	705	0.0	549.9	0.9	2848.4

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