

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: (281) 654-1943
Contractor: Name: Key Energy
License: 33223
Wellsite Geologist: N. A.

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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: GROTHER #1-B UNIT, WELL #3

Original Comp. Date: 10-23-95 Original Total Depth: 2903'

____ 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. _____

2/7/03 10-13-95 2/17/03
Date of START Date Reached TD Completion Date of

OF WORKOVER

WORKOVER

API No. 15 - 189-21998-00-01
County: Stevens
NE SW SE Sec. 23 Twp. 33 S. R. 35 East West
1250' FSL feet from (S) N (circle one) Line of Section
1600' FEL feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: GROTHER #1-B Well #: 3
Field Name: Hugoton

Producing Formation: Chase
Elevation: Ground: 2972 Kelly Bushing: 2981
Total Depth: 2903 Plug Back Total Depth: 2852
Amount of Surface Pipe Set and Cemented at 673 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 J. H. 12/04/03
(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.: _____

KCC Office Use ONLY

____ Letter of Confidentiality Attached
If Denied, Yes Date: _____
____ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

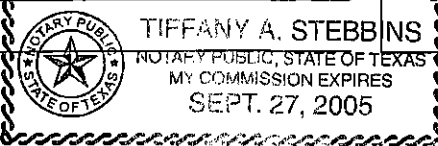
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: 8/28/03

Subscribed and sworn to before me this 28 day of August,
18 2003.

Notary Public: Tiffany A. Stebbins
Date Commission Expires: 9-27-05



Operator Name: Exxon Mobil Oil Corporation * Lease Name: GROTHE #1-B Well #: 3
 Sec. 23 Twp. 33 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 (Attach Additional Sheets) 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 (Submit Copy) List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th style="width:15%;">Top</th> <th style="width:15%;">Datum</th> </tr> </thead> <tbody> <tr> <td>HERRINGTON</td> <td>2656</td> <td>2666</td> </tr> <tr> <td>U. KRIDER</td> <td>2692'</td> <td>2698'</td> </tr> <tr> <td>L. KRIDER</td> <td>2726'</td> <td>2746'</td> </tr> <tr> <td>WINFIELD</td> <td>2768'</td> <td>2783'</td> </tr> </tbody> </table>	Name	Top	Datum	HERRINGTON	2656	2666	U. KRIDER	2692'	2698'	L. KRIDER	2726'	2746'	WINFIELD	2768'	2783'
Name	Top	Datum														
HERRINGTON	2656	2666														
U. KRIDER	2692'	2698'														
L. KRIDER	2726'	2746'														
WINFIELD	2768'	2783'														

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#	673'	CLASS C	225, 175	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2893'	CLASS C	125	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
2 SPF	2656' - 2783'	FRAC'D WELL WITH 884,780 scf OF 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. 10-20-95		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 Other (Specify) _____

Production Interval _____

ORIGINAL

<p>Job Date: 02/05/2003</p>	Customer: EXXON MOBIL
	District: PERRYTON
	Representative: MR. RICHARD LEWIS
	DS Supervisor: HUMAIR SHAIKH
	Well: GROETHE B 1-3

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl	TOT N2 Mscf
02:11:2003:14:04:50	128	0.0	20	0.0	0.0
02:11:2003:14:05:10	128	0.0	20	0.0	0.0
02:11:2003:14:05:30	1550	0.0	10	0.0	0.0
02:11:2003:14:05:50	3442	0.0	10	0.0	0.0
02:11:2003:14:06:10	3371	0.0	10	0.0	0.0
02:11:2003:14:06:30	3337	0.0	0	0.0	0.0
02:11:2003:14:06:50	3316	0.0	0	0.0	0.0
02:11:2003:14:07:10	3300	0.0	0	0.0	0.0
02:11:2003:14:07:30	3288	0.0	0	0.0	0.0
02:11:2003:14:07:50	3280	0.0	0	0.0	0.0
02:11:2003:14:08:10	3273	0.0	0	0.0	0.0
02:11:2003:14:08:30	3265	0.0	0	0.0	0.0
02:11:2003:14:08:50	470	0.0	0	0.0	0.0
02:11:2003:14:09:10	135	0.3	0	0.0	0.0
02:11:2003:14:09:30	148	0.0	0	0.0	0.0
02:11:2003:14:09:50	144	0.0	0	0.0	0.0
02:11:2003:14:10:10	144	0.0	0	0.0	0.0
02:11:2003:14:10:30	144	0.0	0	0.0	0.0
02:11:2003:14:10:50	145	0.0	0	0.0	0.0
02:11:2003:14:11:10	144	0.0	0	0.0	0.0
02:11:2003:14:11:30	146	0.0	0	0.0	0.0
02:11:2003:14:11:50	144	0.0	0	0.0	0.0
02:11:2003:14:12:08	Started PAD				
02:11:2003:14:12:08	106	0.0	0	0.0	0.0
02:11:2003:14:12:10	42	0.4	0	0.0	0.0
02:11:2003:14:12:30	151	6.6	9995	0.9	0.8
02:11:2003:14:12:50	343	8.0	12667	3.5	4.6
02:11:2003:14:13:10	425	8.1	13377	6.2	9.0
02:11:2003:14:13:30	585	8.1	13407	8.9	13.5
02:11:2003:14:13:50	683	8.1	13407	11.5	18.0
02:11:2003:14:14:07	Stage at Perfs: PAD				
02:11:2003:14:14:07	833	8.0	13407	13.8	21.8
02:11:2003:14:14:10	860	8.0	13407	14.2	22.5
02:11:2003:14:14:30	986	8.0	13397	16.9	26.9
02:11:2003:14:14:50	1075	15.3	17899	20.4	32.0
02:11:2003:14:15:10	1252	16.5	24293	25.9	39.0
02:11:2003:14:15:30	1350	16.5	26714	31.4	47.4
02:11:2003:14:15:50	1409	16.3	27064	36.8	56.4
02:11:2003:14:16:10	1427	16.3	27004	42.3	65.5
02:11:2003:14:16:30	1439	16.2	26994	47.6	74.5
02:11:2003:14:16:50	1458	16.1	26944	53.0	83.5
02:11:2003:14:17:10	1467	16.0	26944	58.3	92.5
02:11:2003:14:17:30	1469	16.0	26964	63.7	101.5
02:11:2003:14:17:50	1469	16.0	26954	69.0	110.5
02:11:2003:14:18:10	1476	16.0	26964	74.3	119.5
02:11:2003:14:18:30	1486	16.0	26874	79.7	128.5
02:11:2003:14:18:50	1486	16.0	26984	85.0	137.5
02:11:2003:14:19:10	1488	16.0	26964	90.3	146.5
02:11:2003:14:19:30	1488	16.0	26954	95.6	155.5
02:11:2003:14:19:50	1495	16.0	26954	101.0	164.5
02:11:2003:14:20:10	1493	16.0	27214	106.3	173.5
02:11:2003:14:20:30	1490	16.0	27214	111.6	182.5
02:11:2003:14:20:50	1497	16.0	27224	117.0	191.5
02:11:2003:14:21:10	1495	16.0	27224	122.3	200.5
02:11:2003:14:21:30	1495	16.0	26944	127.6	209.5
02:11:2003:14:21:50	1501	16.1	26954	133.0	218.5
02:11:2003:14:22:10	1494	16.0	26944	138.3	227.5

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Well: GROETHE B 1-3

Job Date: 02/05/2003

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl	TOT N2 Mscf
02:11:2003:14:22:50	1505	16.0	26954	149.0	245.5
02:11:2003:14:23:10	1502	16.0	26944	154.3	254.5
02:11:2003:14:23:30	1505	16.1	26944	159.7	263.4
02:11:2003:14:23:50	1508	16.0	26954	165.0	272.4
02:11:2003:14:24:10	1505	16.0	26944	170.3	281.4
02:11:2003:14:24:30	1506	16.0	26934	175.7	290.4
02:11:2003:14:24:50	1506	16.0	26944	181.0	299.4
02:11:2003:14:25:10	1514	16.0	26954	186.4	308.4
02:11:2003:14:25:30	1525	16.0	26944	191.7	317.4
02:11:2003:14:25:50	1536	16.0	26964	197.0	326.4
02:11:2003:14:26:10	1523	16.1	26904	202.4	335.4
02:11:2003:14:26:30	1529	16.0	26954	207.7	344.4
02:11:2003:14:26:50	1529	16.0	26944	213.0	353.4
02:11:2003:14:27:10	1528	16.1	26944	218.4	362.4
02:11:2003:14:27:30	1529	16.1	26964	223.7	371.4
02:11:2003:14:27:50	1517	16.1	26984	229.1	380.4
02:11:2003:14:28:10	1535	16.0	26964	234.4	389.4
02:11:2003:14:28:30	1501	16.1	26944	239.7	398.4
02:11:2003:14:28:50	1531	16.0	26954	245.1	407.4
02:11:2003:14:29:10	1541	16.0	26964	250.4	416.4
02:11:2003:14:29:30	1534	16.1	26954	255.8	425.4
02:11:2003:14:29:50	1537	16.1	26964	261.1	434.4
02:11:2003:14:30:10	1538	16.0	26974	266.5	443.4
02:11:2003:14:30:30	1541	16.0	26954	271.8	452.4
02:11:2003:14:30:50	1547	16.0	26974	277.1	461.4
02:11:2003:14:31:10	1546	16.1	26974	282.5	470.4
02:11:2003:14:31:30	1550	16.0	26964	287.8	479.4
02:11:2003:14:31:50	1543	16.0	26974	293.2	488.4
02:11:2003:14:32:10	1542	16.0	26964	298.5	497.4
02:11:2003:14:32:30	1539	16.1	26964	303.8	506.4
02:11:2003:14:32:50	1539	16.1	26974	309.2	515.4
02:11:2003:14:33:10	1546	16.0	26964	314.5	524.4
02:11:2003:14:33:30	1544	16.0	26964	319.9	533.4
02:11:2003:14:33:50	1548	16.1	26964	325.2	542.4
02:11:2003:14:34:10	1549	16.0	26974	330.5	551.4
02:11:2003:14:34:30	1554	16.0	26984	335.9	560.4
02:11:2003:14:34:50	1550	16.0	26964	341.2	569.4
02:11:2003:14:35:10	1548	16.0	27244	346.6	578.4
02:11:2003:14:35:30	1476	16.0	26964	351.9	587.5
02:11:2003:14:35:50	1442	16.0	26964	357.2	596.5
02:11:2003:14:36:10	1546	16.1	26964	362.6	605.5
02:11:2003:14:36:30	1554	16.0	26954	367.9	614.5
02:11:2003:14:36:50	1552	16.1	26904	373.3	623.4
02:11:2003:14:37:10	1549	16.0	26924	378.6	632.4
02:11:2003:14:37:30	1546	16.0	26904	384.0	641.4
02:11:2003:14:37:50	1536	16.1	26894	389.3	650.4
02:11:2003:14:38:10	1521	16.0	26924	394.6	659.4
02:11:2003:14:38:30	1547	16.1	26934	400.0	668.4
02:11:2003:14:38:50	1539	16.1	26954	405.3	677.4
02:11:2003:14:39:10	1551	16.1	26934	410.7	686.4
02:11:2003:14:39:30	1543	16.1	26884	416.0	695.3
02:11:2003:14:39:50	1551	16.1	26934	421.4	704.3
02:11:2003:14:40:10	1547	16.0	26924	426.7	713.3
02:11:2003:14:40:30	1557	16.1	26944	432.1	722.3
02:11:2003:14:40:50	1557	16.1	26924	437.4	731.3
02:11:2003:14:41:10	1542	16.0	26914	442.7	740.3
02:11:2003:14:41:30	1550	16.1	26934	448.1	749.3
02:11:2003:14:41:50	1563	16.0	26934	453.4	758.3
02:11:2003:14:42:10	1562	16.0	26934	458.8	767.3
02:11:2003:14:42:30	1563	16.1	26924	464.1	776.3
02:11:2003:14:42:50	1568	16.0	26964	469.5	785.3
02:11:2003:14:43:10	1565	16.1	26964	474.8	794.3
02:11:2003:14:43:16	Started FLUSH Automatically				

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Well: GROETHE B 1-3

Job Date: 02/05/2003

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl	TOT N2 Mscf
02:11:2003:14:43:16	1536	15.9	27184	476.4	796.9
02:11:2003:14:43:30	1453	0.0	26924	476.7	803.2
02:11:2003:14:43:50	1453	0.0	26934	476.7	812.2
02:11:2003:14:44:10	1445	0.0	26934	476.7	821.2
02:11:2003:14:44:30	1306	0.0	0	476.7	824.5
02:11:2003:14:44:50	1283	0.0	0	476.7	824.5

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