

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: N. A.
Wellsite Geologist: N. A.

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Designate Type of Completion: REFRAC
____ New Well ____ Re-Entry Workover
____ 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: SUDDARTH UNIT, WELL #3

Original Comp. Date: 7-4-88 Original Total Depth: 5903

____ 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. _____

<u>2-21-03</u>	<u>10/25/90</u>	<u>2-28-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 189-21208-00-02

County: Stevens

E2 - E2 - NE Sec. 3 Twp. 31 S. R. 35 East West

3960 FNL feet from S (circle one) Line of Section

330 FWL feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: SUDDARTH UNIT Well #: 3

Field Name: Hugoton

Producing Formation: Chase

Elevation: Ground: 2984 Kelly Bushing: 3000

Total Depth: 5903 Plug Back Total Depth: 3016

Amount of Surface Pipe Set and Cemented at _____ 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 KGR 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: 8/4/03

Subscribed and sworn to before me this 4th day of August

2003.

Notary Public: Kim Lynch

Date Commission Expires: Aug. 26, 2006

KCC Office Use ONLY

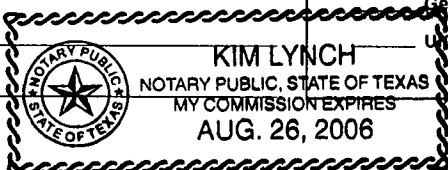
____ Letter of Confidentiality Attached

If Denied, Yes Date: _____

____ Wireline Log Received

____ Geologist Report Received

____ UIC Distribution



✓

X

Operator Name: Exxon Mobil Oil Corporation * Lease Name: SUDDARTH UNIT Well #: 3
 Sec. 3 Twp. 31 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 <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>HERRINGTON</td> <td>2563</td> <td></td> </tr> <tr> <td>U KRIDER</td> <td>2590</td> <td></td> </tr> <tr> <td>L KRIDER</td> <td>2617</td> <td></td> </tr> <tr> <td>WINFIELD</td> <td>2659</td> <td></td> </tr> <tr> <td>TOWANDA</td> <td>2701</td> <td></td> </tr> </table>	Name	Top	Datum	HERRINGTON	2563		U KRIDER	2590		L KRIDER	2617		WINFIELD	2659		TOWANDA	2701	
Name	Top	Datum																	
HERRINGTON	2563																		
U KRIDER	2590																		
L KRIDER	2617																		
WINFIELD	2659																		
TOWANDA	2701																		

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#	1784		778	
PRODUCTION	7.875	5.500	14#	3052		418	

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
2 SPF	2568' - 2578'	FRAC'D WELL WITH 908,053 scf OF	
2 SPF	2594' - 2610'	80Q N2 FOAM @ 80BPM	
2 SPF	2620' - 2640'		
2 SPF	2660' - 2684'		
2 SPF	2706' - 2750' 2 SPF 2764' - 2790'		

TUBING RECORD		Size Set At Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 3/8", 89 jts		SN @ 2820'	
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 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

Schlumberger Job Date: 02/18/2003	Customer: EXXON MOBIL
	District: PERRYTON
	Representative: MR. RICHARD LEWIS
	DS Supervisor: HUMAIR SHAIKH
	Well: SUDDARTH SM3

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl	TOT N2 Mscf
02:25:2003:14:37:09	101	0.0	0	0.0	0.0
02:25:2003:14:37:10	Started PAD				
02:25:2003:14:37:10	101	0.0	0	0.0	0.0
02:25:2003:14:37:29	44	3.5	0	0.3	0.0
02:25:2003:14:37:49	209	4.8	11526	1.6	1.8
02:25:2003:14:38:09	334	7.8	13497	4.0	6.2
02:25:2003:14:38:29	390	7.9	13427	6.7	10.7
02:25:2003:14:38:49	422	7.9	13437	9.3	15.2
02:25:2003:14:39:09	475	7.9	13347	12.0	19.7
02:25:2003:14:39:15	Stage at Perfs: PAD				
02:25:2003:14:39:15	458	7.9	13287	12.8	21.0
02:25:2003:14:39:29	523	7.9	13257	14.6	24.1
02:25:2003:14:39:49	582	10.4	13267	17.3	28.5
02:25:2003:14:40:09	824	16.6	22071	22.4	34.7
02:25:2003:14:40:29	1023	16.2	25753	27.9	42.7
02:25:2003:14:40:49	1191	16.3	26514	33.3	51.5
02:25:2003:14:41:09	1325	16.3	26534	38.7	60.3
02:25:2003:14:41:29	1440	15.9	26514	44.1	69.2
02:25:2003:14:41:49	1560	15.9	26514	49.3	78.0
02:25:2003:14:42:09	1663	15.9	26504	54.6	86.9
02:25:2003:14:42:29	1771	15.9	26484	59.9	95.7
02:25:2003:14:42:49	1829	15.9	26544	65.2	104.6
02:25:2003:14:43:09	1871	15.9	26534	70.5	113.4
02:25:2003:14:43:29	1900	15.9	26724	75.8	122.3
02:25:2003:14:43:49	1927	15.9	26734	81.1	131.1
02:25:2003:14:44:09	1942	15.9	26514	86.4	139.9
02:25:2003:14:44:29	1931	15.9	26484	91.7	148.8
02:25:2003:14:44:49	1898	15.9	26464	97.0	157.6
02:25:2003:14:45:09	1896	15.9	26454	102.3	166.5
02:25:2003:14:45:29	1917	15.9	26464	107.6	175.3
02:25:2003:14:45:49	1913	15.9	26464	112.9	184.1
02:25:2003:14:46:09	1918	15.9	26594	118.2	193.0
02:25:2003:14:46:29	1907	15.9	26674	123.5	201.9
02:25:2003:14:46:49	1924	15.9	26694	128.8	210.8
02:25:2003:14:47:09	1932	15.9	26624	134.1	219.7
02:25:2003:14:47:29	1938	15.9	26704	139.4	228.6
02:25:2003:14:47:49	1912	15.9	26654	144.7	237.5
02:25:2003:14:48:09	1912	15.9	26694	150.0	246.4
02:25:2003:14:48:29	1907	15.9	26964	155.3	255.3
02:25:2003:14:48:49	1887	15.9	26914	160.7	264.2
02:25:2003:14:49:09	1871	15.9	26934	166.0	273.1
02:25:2003:14:49:29	1874	16.0	26944	171.3	282.0
02:25:2003:14:49:49	1880	15.9	26954	176.6	290.9
02:25:2003:14:50:09	1881	15.9	26664	181.9	299.8
02:25:2003:14:50:29	1867	15.9	26704	187.2	308.8
02:25:2003:14:50:49	1865	15.9	26704	192.5	317.7
02:25:2003:14:51:09	1887	15.9	26704	197.8	326.6
02:25:2003:14:51:29	1872	15.9	26704	203.1	335.5
02:25:2003:14:51:49	1873	16.0	26684	208.4	344.4
02:25:2003:14:52:09	1871	15.9	26724	213.7	353.3
02:25:2003:14:52:29	1863	15.9	26704	219.0	362.2
02:25:2003:14:52:49	1866	15.9	26704	224.3	371.2
02:25:2003:14:53:09	1879	15.9	26704	229.6	380.1
02:25:2003:14:53:29	1884	15.9	26614	234.9	389.0
02:25:2003:14:53:49	1878	15.9	26604	240.2	397.9
02:25:2003:14:54:09	1863	15.9	26624	245.5	406.7
02:25:2003:14:54:29	1865	15.9	26614	250.8	415.6

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AcqTime mm.dd.yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl	TOT N2 Mscf
02:25:2003:14:55:09	1841	15.9	26604	261.4	433.4
02:25:2003:14:55:29	1839	15.9	26614	266.7	442.3
02:25:2003:14:55:49	1828	15.9	26624	272.0	451.2
02:25:2003:14:56:09	1828	15.9	26624	277.3	460.0
02:25:2003:14:56:29	1799	15.9	26624	282.6	468.9
02:25:2003:14:56:49	1766	15.9	26614	287.9	477.8
02:25:2003:14:57:09	1759	15.9	26634	293.2	486.7
02:25:2003:14:57:29	1746	15.9	26634	298.5	495.6
02:25:2003:14:57:49	1733	15.9	26654	303.8	504.5
02:25:2003:14:58:09	1743	15.9	26564	309.1	513.4
02:25:2003:14:58:29	1734	15.9	26544	314.4	522.2
02:25:2003:14:58:49	1739	15.9	26544	319.7	531.1
02:25:2003:14:59:09	1750	15.9	26544	325.0	540.0
02:25:2003:14:59:29	1748	15.9	26534	330.3	548.8
02:25:2003:14:59:49	1756	16.0	26534	335.6	557.7
02:25:2003:15:00:09	1751	15.9	26544	340.9	566.5
02:25:2003:15:00:29	1755	15.9	26524	346.2	575.4
02:25:2003:15:00:49	1752	15.9	26534	351.6	584.3
02:25:2003:15:01:09	1755	15.9	26554	356.9	593.1
02:25:2003:15:01:29	1748	16.1	26564	362.2	602.0
02:25:2003:15:01:49	1742	15.9	26574	367.5	610.9
02:25:2003:15:02:09	1748	15.9	26584	372.8	619.7
02:25:2003:15:02:29	1725	15.9	26524	378.1	628.6
02:25:2003:15:02:49	1719	15.9	26574	383.4	637.5
02:25:2003:15:03:09	1717	15.9	26574	388.7	646.4
02:25:2003:15:03:29	1721	15.9	26594	394.0	655.2
02:25:2003:15:03:49	1721	15.9	26594	399.3	664.1
02:25:2003:15:04:09	1727	15.9	26594	404.6	673.0
02:25:2003:15:04:29	1732	15.9	26584	409.9	681.9
02:25:2003:15:04:49	1726	15.9	26604	415.2	690.7
02:25:2003:15:05:09	1742	15.9	26614	420.5	699.6
02:25:2003:15:05:29	1733	15.9	26634	425.8	708.5
02:25:2003:15:05:49	1711	15.9	26894	431.1	717.4
02:25:2003:15:06:09	1698	15.9	26894	436.4	726.3
02:25:2003:15:06:29	1663	15.9	26894	441.7	735.2
02:25:2003:15:06:49	1651	15.9	26624	447.0	744.1
02:25:2003:15:07:09	1635	15.9	26614	452.3	752.9
02:25:2003:15:07:29	1599	15.9	26644	457.6	761.8
02:25:2003:15:07:49	1598	15.9	26624	462.9	770.7
02:25:2003:15:08:09	1612	16.0	26634	468.2	779.6
02:25:2003:15:08:29	1746	15.9	26644	473.5	788.5
02:25:2003:15:08:40	Started FLUSH Automatically				
02:25:2003:15:08:40	1810	15.9	26624	476.4	793.4
02:25:2003:15:08:49	1713	0.0	26624	476.8	797.4
02:25:2003:15:09:09	1622	0.0	26624	476.8	806.3
02:25:2003:15:09:29	1596	0.0	26624	476.8	815.2
02:25:2003:15:09:49	1455	0.0	2801	476.8	819.0

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