

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.

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: BROWN #14 UNIT, WELL #16
Original Comp. Date: 2-16-96 Original Total Depth: 2738'

____ 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>1-2-03</u>	<u>1-21-96</u>	<u>1-10-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 055-21451-00-01
County: FINNEY
NE NE SE Sec. 28 Twp. 24 S. R. 34 East West
2600' FSL feet from (S) N (circle one) Line of Section
325' 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: BROWN #14 UNIT Well #: 16
Field Name: Hugoton

Producing Formation: Chase
Elevation: Ground: 2936 Kelly Bushing: 2945

Total Depth: 2728 Plug Back Total Depth: 2684
Amount of Surface Pipe Set and Cemented at 967 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 2-4-08
(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

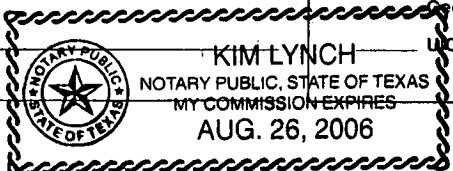
County: _____ Docket No.: _____

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
to 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: BROWN #14 UNIT Well #: 16
 Sec. 28 Twp. 24 S. R. 34 East West County: FINNEY

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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>KRIDER</td> <td>2460</td> <td>2480</td> </tr> <tr> <td>WINFIELD</td> <td>2522</td> <td>2532</td> </tr> <tr> <td>TOWANDA</td> <td>2577</td> <td>2592</td> </tr> </table>	Name	Top	Datum	KRIDER	2460	2480	WINFIELD	2522	2532	TOWANDA	2577	2592
Name	Top	Datum											
KRIDER	2460	2480											
WINFIELD	2522	2532											
TOWANDA	2577	2592											

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#	976	CLASS C	350,175	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2728	CLASS C	135, 75	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 <i>(Amount and Kind of Material Used)</i>	Depth
1 SPF	2460' - 2592'	FRAC'D WELL WITH 80Q N2 FOAM @ 80BPM	

TUBING RECORD	Size Set At 2 3/8" jts 83 @2619'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 2-12-96	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 <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Other (Specify) _____	Production Interval <input type="checkbox"/> Commingled _____
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Schlumberger	Customer: EXXON MOBILE
	District: PERRYTON
	Representative: MR. RICHARD LEWIS
	DS Supervisor: HUMAIR SHAIKH
	Well: BROWN 14-16
Job Date: 1-07-03	

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl	TOT N2 Mscf
01:07:2003:12:45:39	189	0.0	10	0.0	0.0
01:07:2003:12:45:41	Started PAD				
01:07:2003:12:45:41	188	0.0	10	0.0	0.0
01:07:2003:12:45:59	191	0.0	0	0.0	0.0
01:07:2003:12:46:19	173	0.0	0	0.0	0.0
01:07:2003:12:46:39	41	2.5	0	0.1	0.0
01:07:2003:12:46:59	168	7.1	8214	1.8	1.1
01:07:2003:12:47:19	272	8.0	11806	4.3	4.5
01:07:2003:12:47:39	352	7.8	12807	7.0	8.7
01:07:2003:12:47:59	488	7.5	13037	9.5	13.0
01:07:2003:12:48:19	604	7.9	12877	12.1	17.3
01:07:2003:12:48:23	Stage at Perfs: PAD				
01:07:2003:12:48:23	641	8.0	13257	12.7	18.2
01:07:2003:12:48:39	714	8.6	12476	14.8	21.6
01:07:2003:12:48:59	961	15.9	24113	18.9	27.3
01:07:2003:12:49:19	1231	16.2	25453	24.3	35.6
01:07:2003:12:49:39	1391	16.2	25223	29.7	44.0
01:07:2003:12:49:59	1520	16.1	24973	35.1	52.4
01:07:2003:12:50:19	1496	16.1	24943	40.4	60.7
01:07:2003:12:50:39	1571	16.1	24983	45.8	69.0
01:07:2003:12:50:59	1528	16.2	24993	51.2	77.4
01:07:2003:12:51:19	1602	16.1	25003	56.5	85.7
01:07:2003:12:51:39	1555	16.1	25023	61.9	94.1
01:07:2003:12:51:59	1630	16.1	25023	67.3	102.4
01:07:2003:12:52:19	1607	16.1	25043	72.6	110.8
01:07:2003:12:52:39	1612	16.1	25043	78.0	119.2
01:07:2003:12:52:59	1645	16.1	25093	83.4	127.5
01:07:2003:12:53:19	1582	16.1	25043	88.7	135.9
01:07:2003:12:53:39	1620	16.1	25323	94.1	144.3
01:07:2003:12:53:59	1647	16.1	25313	99.5	152.6
01:07:2003:12:54:19	1586	16.1	25313	104.8	161.0
01:07:2003:12:54:39	1629	16.1	25063	110.2	169.4
01:07:2003:12:54:59	1654	16.1	25313	115.6	177.8
01:07:2003:12:55:19	1602	16.0	25323	120.9	186.1
01:07:2003:12:55:39	1598	16.1	25313	126.3	194.5
01:07:2003:12:55:59	1655	16.1	25053	131.6	202.9
01:07:2003:12:56:19	1658	16.1	25003	137.0	211.2
01:07:2003:12:56:39	1597	16.1	24993	142.4	219.6
01:07:2003:12:56:59	1631	16.1	24993	147.7	227.9
01:07:2003:12:57:19	1661	16.1	25003	153.1	236.3
01:07:2003:12:57:39	1643	16.1	25023	158.5	244.6
01:07:2003:12:57:59	1597	16.0	25033	163.8	253.0
01:07:2003:12:58:19	1642	16.1	25043	169.2	261.3
01:07:2003:12:58:39	1669	16.1	25033	174.5	269.7
01:07:2003:12:58:59	1655	16.0	25313	179.9	278.0
01:07:2003:12:59:19	1607	16.0	25023	185.3	286.4
01:07:2003:12:59:39	1639	16.1	25013	190.6	294.7
01:07:2003:12:59:59	1656	16.1	24983	196.0	303.1
01:07:2003:13:00:19	1598	16.2	25003	201.4	311.4
01:07:2003:13:00:39	1664	16.1	24993	206.7	319.8
01:07:2003:13:00:59	1610	16.1	24993	212.1	328.1
01:07:2003:13:01:19	1645	16.1	25013	217.5	336.5
01:07:2003:13:01:39	1632	16.1	25023	222.8	344.8
01:07:2003:13:01:59	1604	16.1	25023	228.2	353.2
01:07:2003:13:02:19	1651	16.0	25043	233.6	361.5
01:07:2003:13:02:39	1608	16.1	25043	238.9	369.9
01:07:2003:13:02:59	1644	16.1	25053	244.3	378.2

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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
01:07:2003:13:03:39	1636	16.1	25293	255.0	395.0
01:07:2003:13:03:59	1619	16.1	25043	260.4	403.3
01:07:2003:13:04:19	1580	16.1	25043	265.8	411.7
01:07:2003:13:04:39	1610	16.1	25043	271.2	420.0
01:07:2003:13:04:59	1603	16.1	25063	276.5	428.4
01:07:2003:13:05:19	1553	16.1	24983	281.9	436.8
01:07:2003:13:05:39	1590	16.1	24963	287.3	445.1
01:07:2003:13:05:59	1613	16.1	24973	292.7	453.5
01:07:2003:13:06:19	1594	16.1	24973	298.0	461.8
01:07:2003:13:06:39	1558	16.1	24983	303.4	470.1
01:07:2003:13:06:59	1533	16.2	24993	308.8	478.5
01:07:2003:13:07:19	1573	16.2	25243	314.2	486.8
01:07:2003:13:07:39	1607	16.1	25023	319.6	495.2
01:07:2003:13:07:59	1613	16.1	24993	324.9	503.5
01:07:2003:13:08:19	1595	16.1	24983	330.3	511.9
01:07:2003:13:08:39	1587	16.1	24983	335.7	520.2
01:07:2003:13:08:59	1557	16.1	24993	341.1	528.5
01:07:2003:13:09:19	1560	16.1	24993	346.5	536.9
01:07:2003:13:09:39	1566	16.2	25003	351.8	545.2
01:07:2003:13:09:59	1605	16.2	25183	357.2	553.6
01:07:2003:13:10:19	1602	16.1	25223	362.6	561.9
01:07:2003:13:10:39	1607	16.2	24983	368.0	570.3
01:07:2003:13:10:59	1615	16.1	24983	373.4	578.6
01:07:2003:13:11:19	1618	16.1	24993	378.7	587.0
01:07:2003:13:11:39	1613	16.1	25023	384.1	595.3
01:07:2003:13:11:59	1614	16.2	24983	389.5	603.7
01:07:2003:13:12:19	1620	16.2	24983	394.9	612.0
01:07:2003:13:12:39	1619	16.1	25493	400.3	620.4
01:07:2003:13:12:59	1616	16.1	24993	405.7	628.7
01:07:2003:13:13:19	1617	16.2	24993	411.0	637.1
01:07:2003:13:13:39	1617	16.2	24993	416.4	645.4
01:07:2003:13:13:59	1620	16.2	24993	421.8	653.7
01:07:2003:13:14:19	1625	16.2	24983	427.2	662.1
01:07:2003:13:14:39	1620	16.2	24993	432.6	670.4
01:07:2003:13:14:59	1612	16.1	24993	438.0	678.8
01:07:2003:13:15:19	1616	16.2	25003	443.3	687.2
01:07:2003:13:15:39	1612	16.2	25003	448.7	695.5
01:07:2003:13:15:59	1597	16.2	25013	454.1	703.9
01:07:2003:13:16:19	1580	16.1	25003	459.5	712.2
01:07:2003:13:16:39	1570	16.2	25003	464.9	720.6
01:07:2003:13:17:00	1572	16.1	25013	470.5	729.4
01:07:2003:13:17:20	1617	16.1	24993	475.9	737.7
01:07:2003:13:17:21	Started FLUSH Automatically				
01:07:2003:13:17:21	1641	16.2	25003	476.2	738.1
01:07:2003:13:17:40	1454	0.0	25303	476.5	746.1
01:07:2003:13:18:00	1437	0.0	25033	476.5	754.4
01:07:2003:13:18:20	1307	0.0	5803	476.5	761.2

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