

KANSAS CORPORATION COMMISSION JUN 25 2001
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM CONSERVATION DIVISION
WELL HISTORY - DESCRIPTION OF WELL & LEASE WICHITA, KS

ORIGINAL

Operator: License # 5208
Name: ExxonMobil Production Company *
Address: P. O. Box 4358
City/State/Zip: Houston, TX 77210-4358
Purchaser: Duke Energy Trading & Marketing
Operator Contact Person: Evelyn Boutte'
Phone: (713) 431-1446
Contractor: Name: Dowell
License: N. A.
Wellsite Geologist: N. A.

Designate Type of Completion:
 New Well Re-Entry Workover (Refrac)
 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: Hubbard #1, Well #3

Original Comp. Date: 1/11/80 Original Total Depth: 6,200
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back 5,690 Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

03/20/01 05/21/01
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 189-20465 - 0002
County: Stevens
NW SW SE Sec. 20 Twp. 32 S. R. 37 East West
1,250 feet from (S) / N (circle one) Line of Section
2,310 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Hubbard #1 Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3,154 Kelly Bushing: 3,165
Total Depth: 6,200 Plug Back Total Depth: 5,690
Amount of Surface Pipe Set and Cemented at 1,775 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from N. A.
feet depth to _____ w/ _____ sx cmt.

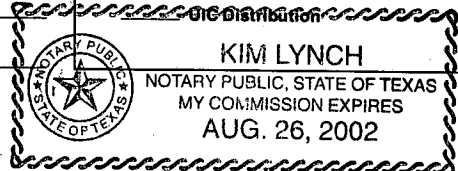
Drilling Fluid Management Plan OWWO KJR 1-9-08
(Data must be collected from the Reserve Pit)
Chloride content N. A. ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ 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: Evelyn Boutte
Title: Staff Adm. Asst. Date: 6/22/01
Subscribed and sworn to before me this 22nd day of June, 2001.
Notary Public: Kim Lynch
Date Commission Expires: Aug. 26, 2002

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received



ExxonMobil Production Company
a division of Exxon Mobil Corporation
acting for ExxonMobil Oil Corporatio

Operator Name: ExxonMobil Production Company * Lease Name: Hubbard #1 Well #: 3

Sec. 20 Twp. 32 S. R. 37 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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Upper Krider</td> <td>2,587</td> <td></td> </tr> <tr> <td>Lower Krider</td> <td>2,620</td> <td></td> </tr> <tr> <td>Winfield</td> <td>2,677</td> <td></td> </tr> <tr> <td>Towanda</td> <td>2,733</td> <td></td> </tr> <tr> <td>Fort Riley</td> <td>2,778</td> <td></td> </tr> </table>	Name	Top	Datum	Upper Krider	2,587		Lower Krider	2,620		Winfield	2,677		Towanda	2,733		Fort Riley	2,778	
Name	Top	Datum																	
Upper Krider	2,587																		
Lower Krider	2,620																		
Winfield	2,677																		
Towanda	2,733																		
Fort Riley	2,778																		

CASING RECORD <input 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 Casing		8.625		1,775		800sx	
Production Casing		5.5	14	3,309		350 sx	

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	5,690	Class "C"	2 sx	

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	2,587 - 2,793	Frac well w/ 80Q N2 Foam @ (plus minus)	
		80 BPM	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
N. A.				

Date of First, Resumed Production, SWD or Enhr. (See G-2)	Producing Method <input checked="" 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 2,587 - 2,793

Schlumberger	Customer: Exxon Mobil	JUN 25 2001
	District: ULYSSES	
Job Date: 04-03-2001	Representative: Richard Leiws	CONSERVATION DIVISION WICHITA, KS
	DS Supervisor: Dave Brawley	
	Well: Hubbard 1-3	

ORIGINAL

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf
04:03:2001:17:45:45	0	1.9	0.0	0.0	0.0
04:03:2001:17:46:05	-5	1.8	0.0	0.0	0.0
04:03:2001:17:46:25	206	0.0	0.0	0.0	0.0
04:03:2001:17:46:45	156	0.0	0.0	0.0	0.0
04:03:2001:17:47:05	142	0.0	0.0	0.0	0.0
04:03:2001:17:47:25	2129	0.0	0.0	0.0	0.0
04:03:2001:17:47:45	2998	0.0	0.0	0.0	0.0
04:03:2001:17:48:05	2989	0.0	0.0	0.0	0.0
04:03:2001:17:49:25	2994	0.0	0.0	0.0	0.0
04:03:2001:17:49:45	2953	0.0	0.0	0.0	0.0
04:03:2001:17:50:05	545	0.0	0.0	0.0	0.0
04:03:2001:17:50:25	558	0.0	0.0	0.0	0.0
04:03:2001:17:50:45	609	0.0	0.0	0.0	0.0
04:03:2001:17:51:05	687	0.0	0.0	0.0	0.0
04:03:2001:17:51:25	755	0.0	0.0	0.0	0.0
04:03:2001:17:51:45	824	0.0	0.0	0.0	0.0
04:03:2001:17:52:05	888	0.0	0.0	0.0	0.0
04:03:2001:17:52:25	943	0.0	0.0	0.0	0.0
04:03:2001:17:52:45	998	0.0	0.0	0.0	0.0
04:03:2001:17:53:05	1057	0.0	0.0	0.0	0.0
04:03:2001:17:53:25	1108	0.0	0.0	0.0	0.0
04:03:2001:17:53:45	1154	0.0	0.0	0.0	0.0
04:03:2001:17:54:05	1195	0.0	0.0	0.0	0.0
04:03:2001:17:54:25	1236	0.0	0.0	0.0	0.0
04:03:2001:17:54:45	1273	0.0	0.0	0.0	0.0
04:03:2001:17:55:05	1300	0.0	0.0	0.0	0.0
04:03:2001:17:55:25	1328	0.0	0.0	0.0	0.0
04:03:2001:17:55:45	1350	0.0	0.0	0.0	0.0
04:03:2001:17:56:05	1369	0.0	0.0	0.0	0.0
04:03:2001:17:56:25	1382	0.0	0.0	0.0	0.0
04:03:2001:17:56:45	1396	0.0	0.0	0.0	0.0
04:03:2001:17:57:05	1405	0.0	0.0	0.0	0.0
04:03:2001:17:57:45	1401	0.0	0.0	0.0	0.0
04:03:2001:17:58:05	5	0.7	0.0	0.0	0.0
04:03:2001:17:58:14	Started PAD				
04:03:2001:17:58:14	-14	3.1	0.0	0.0	0.0
04:03:2001:17:58:25	0	3.1	0.6	0.0	0.0
04:03:2001:17:58:45	64	5.0	1.8	26.9	0.8
04:03:2001:17:59:05	220	7.3	4.0	31.6	5.2
04:03:2001:17:59:25	288	7.9	6.5	31.6	9.7
04:03:2001:17:59:45	334	8.0	9.2	31.6	14.1
04:03:2001:18:00:05	366	8.0	11.9	31.7	18.6
04:03:2001:18:00:17	Stage at Perfs: PAD				
04:03:2001:18:00:17	403	8.0	13.5	31.6	21.3
04:03:2001:18:00:25	435	8.0	14.5	31.6	23.0

ORIGINAL

Well: Hubbard 1-3

Job Date: 04-03-2001

RECEIVED

KANSAS CORPORATION COMMISSION

JUN 25 2001

CONSERVATION DIVISION
WICHITA, KS

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf
04:03:2001:18:00:45	508	8.0	17.2	31.7	27.5
04:03:2001:18:01:05	627	8.0	19.9	31.7	32.0
04:03:2001:18:01:25	728	8.0	22.5	31.7	36.5
04:03:2001:18:01:45	819	8.0	25.2	31.7	41.0
04:03:2001:18:02:05	883	8.0	27.9	31.9	45.5
04:03:2001:18:02:16	Remark				
04:03:2001:18:02:16	920	8.1	29.4	31.9	47.9
04:03:2001:18:02:25	952	8.0	30.6	31.9	50.0
04:03:2001:18:02:45	1016	8.0	33.2	32.0	54.5
04:03:2001:18:03:05	1076	8.0	35.9	32.0	59.0
04:03:2001:18:03:25	1122	7.9	38.6	32.0	63.5
04:03:2001:18:03:30	Remark				
04:03:2001:18:03:30	1135	8.0	39.2	32.0	64.7
04:03:2001:18:03:45	1163	8.0	41.2	32.0	68.1
04:03:2001:18:04:05	1195	8.0	43.9	32.0	72.6
04:03:2001:18:04:25	1218	8.0	46.5	32.0	77.1
04:03:2001:18:04:45	1231	8.1	49.2	31.9	81.6
04:03:2001:18:05:05	1250	8.1	51.9	32.0	86.1
04:03:2001:18:05:25	1263	8.1	54.6	32.0	90.6
04:03:2001:18:05:45	1277	8.1	57.3	32.0	95.2
04:03:2001:18:06:05	1332	9.0	60.0	61.4	100.9
04:03:2001:18:06:25	1501	13.4	63.7	64.0	109.9
04:03:2001:18:06:45	1584	14.3	68.2	64.1	119.0
04:03:2001:18:07:05	1625	15.9	73.3	64.1	128.0
04:03:2001:18:07:25	1653	16.1	78.7	64.2	137.1
04:03:2001:18:07:45	1662	16.2	84.0	64.2	146.2
04:03:2001:18:08:05	1662	16.2	89.4	64.3	155.2
04:03:2001:18:08:25	1657	16.2	94.8	63.8	164.3
04:03:2001:18:08:45	1657	16.2	100.2	63.8	173.3
04:03:2001:18:09:05	1653	16.3	105.6	63.8	182.3
04:03:2001:18:09:25	1657	16.2	111.0	63.8	191.4
04:03:2001:18:09:45	1657	16.2	116.4	63.8	200.4
04:03:2001:18:10:05	1657	16.2	121.8	63.9	209.4
04:03:2001:18:10:25	1662	16.2	127.2	63.9	218.4
04:03:2001:18:10:45	1662	16.3	132.7	63.8	227.4
04:03:2001:18:11:05	1666	16.3	138.1	63.8	236.5
04:03:2001:18:11:25	1666	16.2	143.5	63.8	245.5
04:03:2001:18:11:45	1671	16.2	148.9	63.8	254.5
04:03:2001:18:12:05	1671	16.2	154.3	63.8	263.5
04:03:2001:18:12:25	1675	16.2	159.7	63.9	272.5
04:03:2001:18:12:45	1675	16.3	165.1	63.9	281.5
04:03:2001:18:13:05	1675	16.2	170.5	63.9	290.6
04:03:2001:18:13:25	1675	16.2	175.9	63.9	299.6
04:03:2001:18:13:45	1671	16.2	181.3	63.9	308.6
04:03:2001:18:14:05	1675	16.3	186.7	64.0	317.7
04:03:2001:18:14:25	1671	16.3	192.2	64.0	326.7
04:03:2001:18:14:45	1675	16.2	197.6	64.0	335.6
04:03:2001:18:15:05	1671	16.2	203.0	64.0	344.8
04:03:2001:18:15:25	1671	16.3	208.4	64.0	353.9
04:03:2001:18:15:45	1671	16.2	213.8	64.1	362.9
04:03:2001:18:16:05	1671	16.2	219.2	64.1	372.0
04:03:2001:18:16:25	1671	16.3	224.7	64.2	381.0

Well: Hubbard 1-3

Job Date: 04-03-2001

JUN 25 2001

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf
04:03:2001:18:16:45	1671	16.3	230.1	64.1	390.1
04:03:2001:18:17:05	1666	16.3	235.5	64.1	399.2
04:03:2001:18:17:25	1666	16.2	240.9	64.1	408.2
04:03:2001:18:17:45	1666	16.2	246.3	64.2	417.3
04:03:2001:18:18:05	1666	16.1	251.7	64.1	426.4
04:03:2001:18:18:25	1662	16.1	257.1	64.2	435.4
04:03:2001:18:18:45	1666	16.1	262.5	64.2	444.5
04:03:2001:18:19:05	1666	16.2	267.8	64.2	453.6
04:03:2001:18:19:25	1671	16.1	273.2	64.3	462.7
04:03:2001:18:19:45	1675	16.1	278.6	64.3	471.8
04:03:2001:18:20:05	1680	16.1	284.0	64.3	480.9
04:03:2001:18:20:25	1685	16.1	289.3	64.3	489.9
04:03:2001:18:20:45	1685	16.1	294.7	64.3	499.0
04:03:2001:18:21:05	1685	16.1	300.1	64.2	508.1
04:03:2001:18:21:25	1680	16.0	305.4	64.1	517.2
04:03:2001:18:21:45	1680	16.0	310.8	64.1	526.2
04:03:2001:18:22:05	1671	15.9	316.1	64.2	535.3
04:03:2001:18:22:25	1666	15.9	321.4	64.2	544.4
04:03:2001:18:22:45	1657	16.0	326.7	64.3	553.5
04:03:2001:18:23:05	1653	15.9	332.1	64.3	562.5
04:03:2001:18:23:25	1648	16.0	337.4	64.2	571.6
04:03:2001:18:23:45	1643	16.0	342.7	64.3	580.7
04:03:2001:18:24:05	1643	16.0	348.0	64.3	589.8
04:03:2001:18:24:25	1639	16.0	353.4	64.3	598.9
04:03:2001:18:24:45	1643	16.0	358.7	64.3	608.0
04:03:2001:18:25:05	1639	16.0	364.1	64.2	617.0
04:03:2001:18:25:25	1639	16.0	369.4	64.3	626.1
04:03:2001:18:25:45	1639	16.0	374.7	64.2	635.2
04:03:2001:18:26:05	1639	16.0	380.1	64.2	644.3
04:03:2001:18:26:25	1639	16.0	385.4	64.3	653.4
04:03:2001:18:26:45	1639	16.0	390.7	64.3	662.5
04:03:2001:18:27:05	1639	16.0	396.0	64.3	671.6
04:03:2001:18:27:25	1639	16.0	401.4	64.4	680.7
04:03:2001:18:27:45	1648	15.9	406.7	68.2	690.3
04:03:2001:18:28:05	1648	15.9	412.0	68.0	699.9
04:03:2001:18:28:25	1639	16.0	417.4	68.2	709.5
04:03:2001:18:28:45	1639	16.0	422.7	68.2	719.2
04:03:2001:18:29:05	1639	16.0	428.0	68.2	728.8
04:03:2001:18:29:25	1634	16.0	433.4	68.2	738.5
04:03:2001:18:29:45	1634	16.0	438.7	68.3	748.1
04:03:2001:18:30:05	1616	16.0	444.0	68.0	757.8
04:03:2001:18:30:25	1607	16.0	449.4	68.2	767.4
04:03:2001:18:30:45	1602	16.0	454.7	68.2	777.0
04:03:2001:18:31:05	1598	16.0	460.0	68.2	786.6
04:03:2001:18:31:25	1593	16.0	465.4	68.2	796.3
04:03:2001:18:31:45	1593	16.0	470.7	68.2	805.9
04:03:2001:18:32:05	1588	16.0	476.1	68.2	815.6
04:03:2001:18:32:25	1588	16.0	481.4	68.2	825.2
04:03:2001:18:32:45	1584	16.0	486.7	68.2	834.8
04:03:2001:18:33:05	1584	16.0	492.1	68.1	844.5
04:03:2001:18:33:25	1579	16.0	497.4	68.2	854.1
04:03:2001:18:33:45	1579	16.0	502.8	68.2	863.7

CONSERVATION DIVISION
 WICHITA, KS

Well: Hubbard 1-3

Job Date: 04-03-2001 JUN 25 2001

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf	CONSERVATION DIVISION WICHITA, KS
04:03:2001:18:34:05	1575	16.0	508.1	68.2	873.4	
04:03:2001:18:34:25	1579	16.0	513.4	68.1	883.0	
04:03:2001:18:34:45	1575	16.0	518.8	68.1	892.6	
04:03:2001:18:35:05	1556	16.0	524.1	68.2	902.3	
04:03:2001:18:35:25	1524	16.1	529.5	68.2	911.9	
04:03:2001:18:35:45	1497	16.0	534.8	68.2	921.5	
04:03:2001:18:36:05	1465	16.0	540.2	68.2	931.2	
04:03:2001:18:36:25	1433	16.0	545.6	68.3	940.8	
04:03:2001:18:36:45	1360	0.0	550.3	68.4	950.5	
04:03:2001:18:36:46	Started FLUSH Manually					
04:03:2001:18:36:46	1355	0.0	550.3	68.4	951.0	
04:03:2001:18:37:05	1350	0.0	550.3	68.4	960.2	
04:03:2001:18:37:25	1360	0.0	550.3	68.4	969.8	
04:03:2001:18:37:43	Stage at Perfs: FLUSH					
04:03:2001:18:37:43	1378	0.0	550.3	68.4	978.5	
04:03:2001:18:37:45	1378	0.0	550.3	68.3	979.5	
04:03:2001:18:38:05	1176	0.0	550.3	0.0	981.6	
04:03:2001:18:38:25	1149	0.0	550.3	0.0	981.6	
04:03:2001:18:38:45	1135	0.0	550.3	0.0	981.6	
04:03:2001:18:39:05	1117	0.0	550.3	0.0	981.6	
04:03:2001:18:39:25	1108	0.0	550.3	0.0	981.6	
04:03:2001:18:39:45	1099	0.0	550.3	0.0	981.6	
04:03:2001:18:40:05	1085	0.0	550.3	0.0	981.6	
04:03:2001:18:40:25	650	0.0	550.3	0.0	981.6	
04:03:2001:18:40:45	-18	0.0	550.3	0.0	981.6	
04:03:2001:18:41:05	-9	0.0	550.3	0.0	981.6	