

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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KANSAS CORPORATION COMMISSION Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

AUG 20 2001

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: Crawford Estate #1, Well #3

Original Comp. Date: 1/2/96 Original Total Depth: 2,928

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. \_\_\_\_\_

XXX FRACTURE TREATED  
12/04/00 1/22/01  
DATE OF START DATE REACHED TD COMPLETION DATE OF  
OF WORKOVER WORKOVER

API No. 15 - 189-21996-0001 CONSERVATION DIVISION WICHITA, KS **ORIGINAL**

County: Stevens

SW NE NE Sec. 10 Twp. 33S S. R. 37  East  West

1,250 feet from S (N) (circle one) Line of Section

1,250 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) (NE) SE NW SW

Lease Name: Crawford Estate #1 Unit Well #: 3

Field Name: Hugoton

Producing Formation: Chase

Elevation: Ground: 3,111 Kelly Bushing: 3,119

Total Depth: 2,928 Plug Back Total Depth: 2,873

Amount of Surface Pipe Set and Cemented at 629 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 JH 01/14/02  
(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: Evelyn Boutte

Title: Staff Adm. Asst. Date: 8/17/01

Subscribed and sworn to before me this 17<sup>th</sup> day of August

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

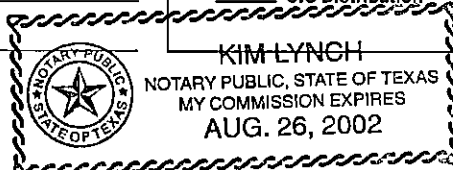
Geologist Report Received

UIC Distribution

KIM LYNCH

NOTARY PUBLIC, STATE OF TEXAS  
MY COMMISSION EXPIRES  
AUG. 26, 2002

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



Operator Name: ExxonMobil Production Company \* Lease Name: Crawford Estate #1 Unit Well #: 3  
 Sec. 10 Twp. 33S 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  Name Top Datum  <p style="text-align: center;">No Change</p>
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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	629	Cl "C"	365	50:50 C/POZ
Production	7.875	5.500	14	2,918	Cl "C"	225	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
1 spf	2,611 - 2,621	Frac w/ 80Q N2 foam @ plus/minus	
	2,650 - 2,670	80 BPM	
	2,700 - 2,710		
	2,753 - 2,773		
	2,800 - 2,815		

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. (See G-2)		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		METHOD OF COMPLETION		Production Interval	
<input type="checkbox"/> Vented	<input checked="" type="checkbox"/> Sold	<input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole	<input checked="" type="checkbox"/> Perf.	<input type="checkbox"/> Dually Comp.
<i>(If vented, Sumit ACO-18.)</i>		<input type="checkbox"/> Other (Specify)	<input type="checkbox"/> Commingled	<u>2,622 - 2,815</u>	

 Schlumberger Dowell	Customer: Exxon Mobil
	District: ULYSSES
Job Date: 12-06-2000	Representative: Richard Lewis
	DS Supervisor: Dave Brawley
	Well: Crawford Estate 1-3

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KANSAS CORPORATION COMMISSION

Time hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	INJ RATE bbl/min	N2 RATE scf/min	AUG 20 2001
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08:33:08	0	0.0	0.0	0.0	0
08:33:38	-0	0.0	0.0	0.0	5763
08:34:08	201	0.0	0.0	0.0	0
08:34:38	967	0.0	0.0	0.1	0
08:35:08	3442	0.0	0.0	0.0	0
08:35:38	3323	0.0	0.0	0.0	0
08:36:08	3259	0.0	0.0	0.0	5203
08:36:38	3162	0.0	0.0	0.0	0
08:37:08	3097	0.0	0.0	0.0	0
08:37:38	302	0.0	0.0	0.0	0
08:38:08	519	0.0	0.0	0.0	0
08:38:38	635	0.0	0.0	0.0	0
08:39:08	738	0.0	0.0	0.0	0
08:39:38	830	0.0	0.0	0.0	0
08:40:08	931	0.0	0.0	0.0	0
08:40:38	1089	0.0	0.0	0.0	0
08:41:08	1166	0.0	0.0	0.0	0
08:41:38	1138	0.0	0.0	0.0	0
08:42:08	1129	0.0	0.0	0.0	0
08:42:38	1117	0.0	0.0	0.0	0
08:43:08	1102	0.0	0.0	0.0	0
08:43:38	1086	0.0	0.0	0.0	0
08:44:08	1065	0.0	0.0	0.0	0
08:44:38	1041	0.0	0.0	0.0	0
08:45:08	1016	0.0	0.0	0.0	0
11:16:27	992	0.0	0.0	0.0	0
11:16:48	Started Pad				
11:16:48	198	0.0	0.0	0.0	0
11:16:57	198	0.0	0.0	0.0	0
11:17:27	-6	18.2	0.7	16.9	0
11:17:57	64	5.5	12.7	18.4	5729
11:18:27	214	8.2	16.2	38.1	12708
11:18:49	Stage at Perfs: Pad				
11:18:49	342	8.0	20.2	39.9	13556
11:18:57	427	7.9	23.1	39.7	13520
11:19:27	455	7.9	24.2	39.8	13529
11:19:57	586	9.0	28.2	40.5	13543
11:20:27	931	14.0	34.0	78.4	27343
11:20:57	1279	15.6	41.4	79.9	27350
11:21:27	1584	15.9	49.3	77.5	26090
11:21:57	1721	15.9	57.3	79.9	27198
11:22:27	1721	16.0	65.3	75.5	24910
11:22:57	1688	16.1	73.3	80.1	27257
11:23:27	1645	16.1	81.3	72.6	23940
11:23:57	1605	16.2	89.4	77.3	25811
11:24:27	1596	16.1	97.5	80.1	27197
11:24:57	1581	16.1	105.5	80.0	27181
11:25:27	1569	16.1	113.6	79.9	27121
11:25:57	1562	16.1	121.6	79.9	27089
11:26:27	1556	16.1	129.7	79.5	27049
11:26:57	1556	16.1	137.7	74.7	23192
11:27:27	1553	25.0	149.2	57.0	13655
11:27:57	1550	25.0	161.7	57.1	13635
11:28:27	1550	25.0	174.2	57.1	13627
11:28:57	1550	25.0	186.7	86.5	26136
11:29:27	1550	25.0	199.2	86.1	25961
11:29:57	1550	25.0	211.7	89.3	27312
11:30:27	1550	25.0	224.2	88.7	27082

CONSERVATION DIVISION  
WICHITA, KS

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Time hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	TOT SLUR bbl	INJ RATE bbl/min	N2 RATE scf/min
11:30:57	1550	16.0	233.1	48.1	13587
11:31:27	1550	16.0	241.1	48.0	13587
11:31:57	1553	16.0	249.1	48.0	13595
11:32:27	1553	16.0	257.1	48.0	13587
11:32:57	1556	16.0	265.1	48.0	13587
11:33:27	1556	16.0	273.1	48.0	13587
11:33:57	1556	16.0	281.1	80.0	27174
11:34:27	1556	16.0	289.1	80.0	27182
11:34:57	1553	16.0	297.1	80.0	27174
11:35:27	1550	16.0	305.2	80.1	27230
11:35:57	1547	16.0	313.2	80.0	27174
11:36:27	1544	16.0	321.2	80.0	27174
11:36:57	1541	16.0	329.2	80.0	27182
11:37:27	1535	16.0	337.2	80.0	27190
11:37:57	1535	16.1	345.2	80.1	27214
11:38:27	1532	16.0	353.3	80.1	27214
11:38:57	1529	16.0	361.3	80.1	27254
11:39:27	1526	16.0	369.3	80.2	27286
11:39:57	1520	16.0	377.3	80.3	27294
11:40:27	1514	16.0	385.3	80.3	27294
11:40:57	1511	16.0	393.3	80.3	27294
11:41:27	1508	16.1	401.4	80.3	27294
11:41:57	1504	16.1	409.4	80.1	27214
11:42:27	1501	16.0	417.4	79.9	27134
11:42:57	1498	16.0	425.4	79.7	27054
11:43:27	1492	16.1	433.5	79.7	26982
11:43:57	1492	16.0	441.5	79.5	26974
11:44:27	1489	16.1	449.5	79.7	27206
11:44:57	1486	16.1	457.5	80.2	27270
11:45:27	1483	16.1	465.6	80.3	27294
11:45:57	1480	16.1	473.6	80.2	27262
11:46:27	1480	16.1	481.6	80.3	27262
11:46:57	1480	16.1	489.7	80.2	27270
11:47:27	1480	16.1	497.7	80.2	27262
11:47:57	1477	16.1	505.7	80.3	27278
11:48:27	1477	16.0	513.8	80.3	27278
11:48:57	1477	16.0	521.8	80.2	27270
11:49:27	1480	16.1	529.8	80.4	27326
11:49:57	1489	16.1	537.8	80.3	27294
11:50:13	Started Flush Automatically				
11:50:13	1498	16.1	545.9	80.2	27262
11:50:27	1504	15.6	550.1	80.2	27262
11:50:57	1419	0.0	550.3	64.2	27294
11:51:14	Stage at Perfs: Flush				
11:51:14	1401	0.0	550.3	64.2	27294
11:51:27	1401	0.0	550.3	64.2	27294
11:51:57	1273	0.0	550.3	0.0	0

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WICHITA, KS