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KANSAS CORPORATION COMMISSION

Form ACO-1  
September 1999  
Form Must Be Typed

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

SEP 25 2001  
9-25-01  
CONSERVATION DIVISION  
WICHITA  
**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  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: Ethel B. Spring Unit #1  
Original Comp. Date: 10/06/80 Original Total Depth: 6,250  
~~XXX FRACTURE TREATED~~ ~~XXX RENAMED WELL~~  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back 3,315 Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
10/10/00 10/10/00  
~~START~~ Date of START Date Reached TD 10/10/00 Completion Date of  
OF WORKOVER WORKOVER

API No. 15 - 189-20499-0002  
County: Stevens  
SE NWNW Sec. 28 Twp. 32 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  
(FORMERLY ETHEL B. SPRING UNIT #1)  
Lease Name: Hoon #1 Unit Well #: 2  
Field Name: Hugoton  
Producing Formation: Chase  
Elevation: Ground: 3,141 Kelly Bushing: 3,151  
Total Depth: 6,250 Plug Back Total Depth: 3,315  
Amount of Surface Pipe Set and Cemented at 1,764 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 9/24 6/12/02  
(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 Admin. Asst. Date: 9/24/01  
Subscribed and sworn to before me this 24th day of September, 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  
HQC Distribution  
KCC

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

X

Operator Name: ExxonMobil Production Company \* Lease Name: Hoon #1 Unit Well #: 2  
 Sec. 28 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 (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:	<table style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>U. Krider</td> <td>2,575</td> <td></td> </tr> <tr> <td>L. Krider</td> <td>2,606</td> <td></td> </tr> <tr> <td>Winfield</td> <td>2,666</td> <td></td> </tr> <tr> <td>Towanda</td> <td>2,720</td> <td></td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	U. Krider	2,575		L. Krider	2,606		Winfield	2,666		Towanda	2,720	
<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																	
Name	Top	Datum																	
U. Krider	2,575																		
L. Krider	2,606																		
Winfield	2,666																		
Towanda	2,720																		

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	12 1/4	8.625	24	1,770	Cl "H"	150	
Prod. Casing	7 7/8	5.5	14	3,315	Cl "H"	675	

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	3,325	Cl "C"	2 SX	

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	2,575 - 2,740	← ONLY } Frac well w/ 80Q N2 faom @ plus/minus 80 BPM.	
3	CIBP @ 5980'      6026' - 6031'		
	CIBP @ 3325'		

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 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	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	2,575 - 2,740 <b>ORIGINAL</b>

<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 80%;"> <p><b>Schlumberger</b> <b>Dowell</b></p> </div> <p>Job Date: 10-10-2000</p>	<p>Customer: Exxon Mobil</p> <p>District: ULYSSES</p> <p>Representative: Mr. John Rice</p> <p>DS Supervisor: Dave Brawley</p> <p>Well: Hume Bros. #1</p>
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Time hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl	BH FOAM QUALITY %
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14:15:54	Started Pad				
14:15:54	0	0.0	0	0.0	0.0
14:16:24	803	0.0	0	0.0	0.0
14:16:54	9	6.2	0	2.3	0.0
14:17:24	49	4.3	5283	5.0	0.0
14:17:54	70	5.5	5871	6.5	0.0
14:18:24	232	7.9	13127	10.2	0.0
14:18:54	311	7.9	13651	14.1	0.0
14:19:24	479	7.9	13767	18.0	0.0
14:19:51	Stage at Perfs: Pad				
14:19:51	616	7.9	13807	22.0	0.0
14:19:54	702	7.9	13847	25.5	0.0
14:20:24	711	7.9	13847	25.9	0.0
14:20:54	858	7.9	13847	29.8	78.2
14:21:24	992	7.9	13891	33.8	80.4
14:21:54	1108	7.9	13683	37.7	80.4
14:22:24	1202	7.9	13607	41.7	80.5
14:22:54	1260	7.9	13611	45.6	80.5
14:23:24	1401	13.0	12198	50.3	80.5
14:23:54	1587	16.0	25281	57.8	80.4
14:24:24	1663	16.0	27174	65.8	80.4
14:24:54	1685	16.0	27274	73.8	80.6
14:25:24	1700	16.0	27382	81.8	80.0
14:25:54	1639	16.0	27162	89.8	80.1
14:26:24	1605	16.0	27254	97.8	80.1
14:26:54	1587	16.0	27294	105.8	80.0
14:27:24	1575	16.0	27346	113.8	80.0
14:27:54	1566	16.0	27294	121.8	80.1
14:28:24	1556	16.0	27314	129.8	80.1
14:28:54	1550	16.0	27294	137.8	80.1
14:29:24	1544	16.0	27294	145.8	80.1
14:29:54	1541	16.0	27314	153.8	80.1
14:30:24	1538	16.0	27326	161.8	80.1
14:30:54	1538	16.0	27334	169.8	80.1
14:31:24	1538	16.0	27354	177.8	80.1
14:31:54	1538	16.0	27354	185.8	80.1
14:32:24	1538	16.0	27314	193.8	80.1
14:32:54	1538	16.0	27314	201.8	80.1
14:33:24	1538	16.0	27334	209.8	80.1
14:33:54	1538	16.0	27354	217.8	80.1
14:34:24	1538	16.0	27374	225.7	80.1
14:34:54	1535	16.0	27294	233.7	80.1
14:35:24	1532	16.0	27294	241.7	80.1

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Well: Hume Bros. #1

Job Date: 10-10-2000

Time hh:mm:ss	TR PRESS psi	SLUR RATE bbl/min	N2 RATE scf/min	TOT SLUR bbl	BH FOAM QUALITY %
14:35:54	1532	16.0	27314	249.7	80.1
14:36:24	1529	16.0	27334	257.7	80.1
14:36:54	1529	16.0	27318	265.7	80.1
14:37:24	1526	16.0	27330	273.7	80.1
14:37:54	1526	16.0	26978	281.7	80.1
14:38:24	1526	16.0	27194	289.7	80.1
14:38:54	1526	16.0	27202	297.7	80.1
14:39:24	1520	16.0	27174	305.7	80.0
14:39:54	1501	16.0	27174	313.7	80.0
14:40:24	1498	16.0	27178	321.7	80.0
14:40:54	1498	16.0	27174	329.7	80.0
14:41:24	1498	16.0	27202	337.7	80.0
14:41:54	1495	16.0	27194	345.7	80.0
14:42:24	1495	16.0	27226	353.7	80.0
14:42:54	1495	16.0	27254	361.7	80.0
14:43:24	1495	16.0	27274	369.7	80.1
14:43:54	1495	16.0	27310	377.7	80.1
14:44:24	1492	16.0	27314	385.7	80.1
14:44:54	1492	16.0	27314	393.7	80.1
14:45:24	1489	16.0	27334	401.6	80.1
14:45:54	1483	16.0	27334	409.6	80.1
14:46:24	1483	16.0	27294	417.6	80.1
14:46:54	1483	16.0	27194	425.6	80.1
14:47:24	1480	16.0	27214	433.6	80.1
14:47:54	1480	16.0	27214	441.6	80.1
14:48:24	1480	16.0	27234	449.6	80.1
14:48:54	1480	16.0	27234	457.6	80.1
14:49:24	1480	16.0	27254	465.6	80.1
14:49:54	1480	16.0	27254	473.6	80.1
14:50:24	1480	16.0	27254	481.6	80.1
14:50:54	1480	16.0	27254	489.6	80.1
14:51:24	1508	16.0	27254	497.6	80.1
14:51:54	1520	16.0	27254	505.6	80.1
14:52:24	1529	16.0	27254	513.6	80.1
14:52:54	1532	16.0	27254	521.6	80.1
14:53:24	1532	16.0	27266	529.6	80.1
14:53:54	1535	16.0	27258	537.6	80.1
14:54:11	<b>Started Flush Automatically</b>				
14:54:11	1520	16.0	27282	545.5	80.1
14:54:24	1477	15.9	27310	550.1	80.1
14:54:54	1382	0.0	27318	550.4	80.1
14:55:24	1349	0.0	27314	550.4	80.1
14:55:31	<b>Stage at Perfs: Flush</b>				
14:55:31	1202	0.0	47385	550.4	80.1
14:55:54	1169	0.0	48425	550.4	86.4

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SEP 25 2001