

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: (713) 431-1701
 Contractor: Name: Key Energy
 License: N. A.
 Wellsite Geologist: N. A.
 Designate Type of Completion: REFRAC
 New Well Re-Entry Workover
 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: THOMAS "B" UNIT, WELL#2
 Original Comp. Date: 8-15-96 Original Total Depth: 2825'
 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. _____
3-29-02 7-15-96 4-8-02
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 175-21553-0001
 County: Stevens
SW NE NW Sec. 31 Twp. 31 S. R. 33 East West
1250' feet from (S) / N (circle one) Line of Section
1680' feet from (E) / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE (SE) NW SW
 Lease Name: THOMAS "B" UNIT Well #: 2
 Field Name: Hugoton
 Producing Formation: Chase
 Elevation: Ground: 2799 Kelly Bushing: 2809
 Total Depth: 2825 Plug Back Total Depth: 2771
 Amount of Surface Pipe Set and Cemented at 591 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 cm.

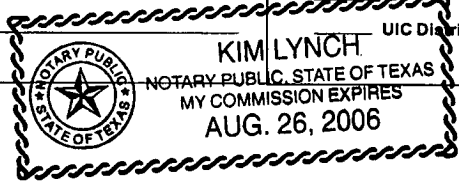
Drilling Fluid Management Plan OLDWO KGR 1-31-08
 (Data must be collected from the Reserve Pit)
 Chloride content N. A. ppm Fluid volume N. A. bbls
 Dewatering method used _____
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____ RECEIVED
 Lease Name: _____ KANSAS CORPORATION COMMISSION
 License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. JUN 09 2003 East West
 County: _____ Docket No.: _____
 CONSERVATION DIVISION
 WICHITA, KS

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: 6/6/03
 Subscribed and sworn to before me this 6th day of June,
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



Operator Name: Exxon Mobil Oil Corporation * Lease Name: THOMAS "B" UNIT Well #: 2
 Sec. 31 Twp. 31 S. R. 33 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
HERRINGTON	2524	2534
U. KRIDER	2555	2560
L. KRIDER	2584	2604
WINFIELD	2631	2646

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#	591'	CLASS C	375	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2815'	CLASS C	215	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	2524' - 2646'	FRAC'D WELL WITH 935,800 scf OF 80Q N2 FOAM @ 80BPM	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8" jts 85	w/EOT @ 2674'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 JUN 09 2003

CONSERVATION DIVISION
WICHITA, KS



Stimulation Service Report

Customer EXXON MOBIL CORPORATION						Job Number 2205440222					
Well THOMAS B-2			Location (legal) Sec.31-31S-33W			Schlumberger Location Ulysses, KS		Job Start 2002-Apr-04			
Field Hugoton		Formation Name/Type Chase			Deviation .	BHSsize: in	Well MD 2,771 ft	Well TVD 2,771 ft			
County SEWARD		State/Province KS			BHP psi	BHST 95 °F	BHCT 85 °F	Pore Pres Gradient psi/ft			
Well Mastc 0630110744		API / UW									
Rig Name		Drilled For Gas		Service Via		Casing/Liner					
						Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone		Well Class Old		Well Type Workover		2771	5.5	14			
Primary Treating Fluid 80Q Foam		Polymer Loading 30 lb/1000gal		Fluid Density lb/gal		Tubing/Drill Pipe					
						Depth,	Size, in	Weight, lb/ft	Grade	Thread	
Service Line Fracturing		Job Type Frac,N2Foam/Energized									
Max. Allowed Tubing Pressure 2500 psi		Max. Allowed Ann. Pressure psi		WellHead Connection 5 1/2 Swage		Perforations/Open Hole					
						Top, ft	Bottom, ft	spf	No. of Shots	Total Interval	
Service Instructions Safely deliver & perform Foam Frac with materials & equipment listed on the Service Receipt. Per clients instructions.						2524	2534	1	10	35 ft	
						2555	2560	1	5	Diameter	
						2584	2604	1	20	in	
						Treat Down	Displacement	Packer Type	Packer Depth		
						Casing	63.5 bbl	None	ft		
Job Scheduled For: 4/3/2002 8:30		Arrived on Location: 2002-Apr-04 8:30		Leave Location: 2002-Apr-04 13:15		Tubing Vol. bbl	CasingVol. 67.6 bbl	AnnularVol. bbl	OpenHoleVol bbl		
Date	Time	Fluid Type	Prop Type	PPA	Rates		Volumes		Pressures		Message
	24 hr clock				Gas	Fluid	Incr.	Cum.	Casing	Tubing	
					scf/m	bpm	bbl	bbl	psi	psi	
Post Job Summary											
Average Injection Rates, bpm						Volume of Fluid Injected, bbl					
Fluid	N2	CO2	Maximum Rate		Clean Fluid	Acid	Oil	CO2	N2 (scf)		
16	27200		16		550.5				935800		
Treating Pressure Summary, psi						Quantity of & placed, lb					
Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP	Total Injected		Total Ordered/Designed			
	1430	1282	1380	1140							
N2 Percent 80 %		CO2 Percent %		Designed Fluid Volume 115500 gal		Displacement 69 bbl		Slurry Volume 550.5 bbl		Pad Volume gal	Percent Pad %
Customer or Authorized Representative Lewis, Richard			Schlumberger Supervisor David Brawley			Number of Stages 1		Fracture Gradient psi/ft		<input checked="" type="checkbox"/> Job Completed <input type="checkbox"/> Screen Out	

JUN 09 2003

Schlumberger	Customer: Exxon Mobil	CONSERVATION DIVISION WICHITA, KS
	District: Ulysses	
	Representative: Richard Lewis	
	DS Supervisor: Dave Brawley	
	Well: Combes A 1-2	
Job Date: 04-04-2002		

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SURF FOAM QUALITY %	INJ RATE bbl/min	SLUR RATE bbl/min	N2 RATE scf/min	TOT INJ bbl	TOT SLUR bbl	TOT N2 Mscf
04:04:2002:10:56:16	1030	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:56:20	Pressure Test Lines							
04:04:2002:10:56:20	1012	0.0	0.1	0.0	0	0.0	0.0	0.0
04:04:2002:10:56:26	966	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:56:36	916	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:56:46	893	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:56:56	1048	0.0	0.0	0.1	0	0.0	0.0	0.0
04:04:2002:10:57:06	1863	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:57:16	2060	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:57:26	2431	0.0	0.1	0.0	0	0.0	0.0	0.0
04:04:2002:10:57:36	3026	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:57:46	2994	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:57:56	2953	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:58:07	2921	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:58:17	2893	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:58:27	2875	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:58:37	2856	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:58:47	2847	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:58:57	2829	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:59:07	2820	0.0	0.0	0.0	5743	0.0	0.0	0.0
04:04:2002:10:59:17	2811	0.0	0.0	0.0	320	0.0	0.0	0.0
04:04:2002:10:59:27	2806	0.0	0.0	0.0	50	0.0	0.0	0.0
04:04:2002:10:59:37	2802	0.0	0.0	0.0	450	0.0	0.0	0.0
04:04:2002:10:59:47	2797	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:10:59:57	2802	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:00:07	2806	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:00:17	2806	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:00:27	2806	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:00:37	2802	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:00:47	2797	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:00:57	2797	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:01:07	2792	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:01:17	2783	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:01:27	2765	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:01:37	2760	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:01:47	2756	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:01:57	2747	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:02:07	2724	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:02:17	133	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:02:27	41	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:02:37	46	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:02:47	46	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:44:27	Started Pad							
04:04:2002:11:44:27	119	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:44:28	114	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:44:38	50	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:44:48	55	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:44:58	55	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:45:08	50	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:45:18	60	0.0	0.0	0.0	0	0.0	0.0	0.0
04:04:2002:11:45:28	69	100.0	65.7	0.0	29015	1.8	0.0	1.2
04:04:2002:11:45:38	114	100.0	22.0	0.0	9325	6.6	0.0	3.0
04:04:2002:11:45:48	179	100.0	30.9	0.0	13127	10.8	0.0	4.8
04:04:2002:11:45:58	201	100.0	34.4	0.0	14217	18.0	0.0	7.9
04:04:2002:11:46:08	233	99.7	31.2	0.2	13117	23.2	0.0	10.1
04:04:2002:11:46:18	284	88.9	84.4	10.0	31416	31.5	1.2	13.5
04:04:2002:11:46:28	311	84.4	37.6	5.8	14117	41.7	2.4	16.9
04:04:2002:11:46:38	357	84.4	40.0	6.4	14748	48.2	3.4	19.3
04:04:2002:11:46:48	385	90.1	73.0	7.3	15208	59.6	4.5	23.7
04:04:2002:11:46:50	Stage at Perfs: Pad							
04:04:2002:11:46:50	389	83.0	43.0	7.3	15038	61.2	4.8	24.2
04:04:2002:11:46:58	417	82.2	42.8	7.7	14948	66.9	5.8	26.2
04:04:2002:11:47:08	444	81.5	43.4	8.1	15018	74.1	7.1	28.7
04:04:2002:11:47:18	458	77.6	45.1	10.3	14568	81.5	8.6	31.2
04:04:2002:11:47:28	504	77.7	50.1	11.4	16869	88.9	10.5	33.6
04:04:2002:11:47:38	554	77.0	52.8	12.2	17019	97.7	12.4	36.5
04:04:2002:11:47:48	581	75.8	51.4	13.1	16378	106.3	14.5	39.3
04:04:2002:11:47:58	659	74.4	56.7	14.7	17909	115.3	16.8	42.2
04:04:2002:11:48:08	732	73.0	57.9	15.7	17939	124.9	19.4	45.1
04:04:2002:11:48:18	792	72.2	58.1	16.2	17779	134.6	22.1	48.1
04:04:2002:11:48:28	902	77.9	72.5	16.0	23932	144.8	24.7	51.4

JUN 09 2003

ORIGINAL

CONSERVATION DIVISION
WICHITA, KS

Well: Combes A 1-2

Job Date: 04-04-2002

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SURF FOAM QUALITY %	INJ RATE bbl/min	SLUR RATE bbl/min	N2 RATE scf/min	TOT INJ bbl	TOT SLUR bbl	TOT N2 Mscf
04:04:2002:11:48:58	1176	79.7	78.4	15.8	26013	181.0	32.7	63.4
04:04:2002:11:49:08	1295	79.4	77.3	15.8	25963	193.6	35.4	67.6
04:04:2002:11:49:18	1410	80.6	82.1	15.8	27985	206.8	38.0	72.2
04:04:2002:11:49:28	1456	80.4	81.7	15.9	27514	220.5	40.7	76.8
04:04:2002:11:49:38	1433	78.8	75.5	16.1	25083	233.2	43.4	81.0
04:04:2002:11:49:48	1414	80.3	81.7	16.1	27934	245.9	46.0	85.3
04:04:2002:11:49:58	1410	80.6	83.0	16.1	28335	259.6	48.7	90.0
04:04:2002:11:50:08	1373	78.4	74.4	16.1	24543	273.1	51.4	94.5
04:04:2002:11:50:18	1346	78.4	74.5	16.0	25133	285.4	54.1	98.6
04:04:2002:11:50:28	1332	80.3	81.6	16.1	27764	298.8	56.8	103.2
04:04:2002:11:50:38	1282	78.9	76.3	16.1	25273	312.1	59.5	107.6
04:04:2002:11:50:48	1213	74.6	63.6	16.1	20070	323.7	62.2	111.3
04:04:2002:11:50:58	1154	75.2	65.0	16.1	20701	334.4	64.9	114.7
04:04:2002:11:51:08	1117	74.7	64.0	16.2	20311	345.1	67.5	118.1
04:04:2002:11:51:18	1094	74.7	64.0	16.2	20321	355.8	70.2	121.5
04:04:2002:11:51:28	1099	76.5	68.8	16.1	22972	366.8	72.9	125.1
04:04:2002:11:51:38	1103	77.6	71.6	16.1	23582	378.7	75.6	129.0
04:04:2002:11:51:48	1099	75.1	64.6	16.1	28124	389.8	78.3	132.6
04:04:2002:11:51:58	1117	79.3	77.8	16.0	26164	402.6	81.0	136.9
04:04:2002:11:52:08	1117	79.5	78.1	16.1	26304	415.6	83.7	141.3
04:04:2002:11:52:18	1122	79.5	78.6	16.0	26604	428.6	86.3	145.7
04:04:2002:11:52:28	1117	79.8	79.6	16.1	26994	441.9	89.0	150.2
04:04:2002:11:52:38	1122	79.6	78.9	16.0	26354	455.1	91.7	154.7
04:04:2002:11:52:48	1117	79.9	79.7	16.0	26984	468.2	94.4	159.1
04:04:2002:11:52:58	1112	80.0	80.1	16.1	27244	481.4	97.0	163.5
04:04:2002:11:53:08	1108	79.8	79.3	16.1	26564	494.8	99.7	168.1
04:04:2002:11:53:18	1103	79.3	77.7	16.1	26334	507.8	102.4	172.5
04:04:2002:11:53:28	1094	79.6	78.8	16.0	26554	521.0	105.1	176.9
04:04:2002:11:53:38	1089	79.5	78.4	16.0	26414	534.0	107.8	181.3
04:04:2002:11:53:48	1085	79.6	79.1	16.1	26504	547.2	110.4	185.7
04:04:2002:11:53:58	1085	79.5	78.6	16.1	26754	560.3	113.1	190.1
04:04:2002:11:54:08	1089	80.3	81.5	16.1	27714	573.7	115.8	194.7
04:04:2002:11:54:18	1080	79.0	76.8	16.0	25753	587.0	118.5	199.2
04:04:2002:11:54:28	1076	79.3	77.7	16.0	25923	600.1	121.2	203.6
04:04:2002:11:54:38	1076	79.6	78.8	16.1	26704	613.1	123.8	208.0
04:04:2002:11:54:48	1080	79.8	79.5	16.1	26884	626.4	126.5	212.5
04:04:2002:11:54:58	1085	80.1	81.0	16.1	27594	639.8	129.2	217.0
04:04:2002:11:55:08	1071	78.6	75.1	16.1	25303	652.9	131.9	221.4
04:04:2002:11:55:18	1076	79.7	79.5	16.1	27254	665.9	134.6	225.8
04:04:2002:11:55:28	1057	78.4	74.4	16.1	24993	678.8	137.2	230.1
04:04:2002:11:55:38	1044	78.2	73.9	16.1	24593	691.3	139.9	234.3
04:04:2002:11:55:48	1039	77.4	71.2	16.1	22852	703.6	142.6	238.4
04:04:2002:11:55:58	1035	76.2	67.7	16.1	21751	715.0	145.3	242.0
04:04:2002:11:56:08	1030	75.5	65.7	16.1	20851	726.1	148.0	245.6
04:04:2002:11:56:18	1039	76.3	68.0	16.1	22171	737.2	150.7	249.2
04:04:2002:11:56:28	1044	71.3	56.2	16.1	17219	748.5	153.3	252.7
04:04:2002:11:56:38	1071	77.9	72.4	16.0	23872	760.7	156.0	256.9
04:04:2002:11:56:48	1076	78.1	73.5	16.1	24413	772.8	158.7	260.9
04:04:2002:11:56:58	1089	79.1	76.8	16.0	25813	785.4	161.4	265.1
04:04:2002:11:57:08	1080	79.7	79.2	16.0	26524	798.1	164.1	269.4
04:04:2002:11:57:18	1085	79.6	79.1	16.1	26754	811.3	166.7	273.8
04:04:2002:11:57:28	1089	80.3	81.9	16.0	27784	824.7	169.4	278.4
04:04:2002:11:57:38	1076	75.1	64.5	16.1	21221	838.0	172.1	282.8
04:04:2002:11:57:48	1067	78.4	74.7	16.1	24113	850.7	174.8	287.1
04:04:2002:11:57:58	1071	77.9	72.6	16.0	23992	862.7	177.5	291.1
04:04:2002:11:58:08	1085	78.7	75.6	16.1	25513	875.0	180.1	295.2
04:04:2002:11:58:18	1080	79.1	77.1	16.0	25523	887.9	182.8	299.5
04:04:2002:11:58:28	1071	78.9	76.4	16.1	25753	900.4	185.5	303.7
04:04:2002:11:58:38	1080	78.9	76.2	16.1	25653	913.1	188.2	307.9
04:04:2002:11:58:48	1089	79.4	78.0	16.0	26604	925.8	190.9	312.2
04:04:2002:11:58:58	1089	79.6	78.6	16.1	26514	939.0	193.5	316.6
04:04:2002:11:59:08	1071	78.5	74.5	16.1	24463	951.8	196.2	320.9
04:04:2002:11:59:18	1085	79.4	77.8	16.1	25783	964.3	198.9	325.1
04:04:2002:11:59:28	1099	79.6	78.8	16.0	26684	977.3	201.6	329.5
04:04:2002:11:59:38	1126	80.0	80.5	16.0	27414	990.6	204.3	334.0
04:04:2002:11:59:48	1103	79.5	78.6	16.1	26754	1003.7	206.9	338.4
04:04:2002:11:59:58	1126	79.7	79.3	16.1	26454	1017.2	209.6	343.0
04:04:2002:12:00:08	1158	80.0	80.3	16.1	27214	1030.3	212.3	347.4
04:04:2002:12:00:18	1181	79.6	78.4	16.1	26774	1043.4	215.0	351.8
04:04:2002:12:00:28	1199	79.7	79.1	16.0	26754	1056.7	217.6	356.3
04:04:2002:12:00:38	1222	79.8	79.1	16.0	26614	1070.0	220.3	360.8
04:04:2002:12:00:48	1231	78.9	75.8	16.1	25563	1082.8	223.0	365.1
04:04:2002:12:00:58	1263	79.7	78.9	16.0	26914	1095.7	225.7	369.4
04:04:2002:12:01:08	1277	79.6	78.6	16.0	25753	1109.0	228.3	374.0
04:04:2002:12:01:18	1291	78.7	75.1	16.0	25213	1121.6	231.0	378.2
04:04:2002:12:01:28	1314	79.8	79.1	16.0	26864	1134.6	233.7	382.6
04:04:2002:12:01:38	1323	79.5	78.3	16.0	26114	1147.9	236.3	387.1
04:04:2002:12:01:48	1332	79.4	77.5	15.9	26334	1160.7	239.0	391.3

Well: Combes A 1-2

Job Date: 04-04-2002

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SURF FOAM QUALITY %	INJ RATE bbl/min	SLUR RATE bbl/min	N2 RATE scf/min	TOT INJ bbl	TOT SLUR bbl	TOT N2 Mscf
04:04:2002:12:01:58	1346	79.9	79.6	16.0	26784	1173.9	241.7	395.8
04:04:2002:12:02:08	1350	79.5	77.7	16.0	26504	1186.7	244.3	400.1
04:04:2002:12:02:18	1360	79.6	78.4	15.9	26304	1199.9	247.0	404.6
04:04:2002:12:02:28	1378	80.2	81.0	16.0	27594	1213.1	249.7	409.1
04:04:2002:12:02:38	1373	79.2	76.6	15.9	26503	1226.2	252.3	413.5
04:04:2002:12:02:48	1373	79.1	76.4	16.0	25633	1239.0	255.0	417.8
04:04:2002:12:02:58	1378	79.8	79.0	16.0	26724	1251.9	257.7	422.1
04:04:2002:12:03:08	1378	79.6	78.5	16.0	26144	1265.1	260.3	426.6
04:04:2002:12:03:18	1387	80.1	80.3	15.9	27264	1278.1	263.0	431.0
04:04:2002:12:03:28	1378	78.9	75.8	16.0	25333	1291.2	265.7	435.3
04:04:2002:12:03:38	1382	79.2	77.0	16.0	26144	1303.8	268.3	439.6
04:04:2002:12:03:48	1392	80.1	80.0	16.0	27204	1316.9	271.0	444.0
04:04:2002:12:03:58	1382	78.6	75.0	15.9	24953	1330.1	273.6	448.5
04:04:2002:12:04:08	1396	79.8	79.5	15.9	26954	1342.9	276.3	452.8
04:04:2002:12:04:18	1401	80.3	80.8	16.0	27424	1356.2	279.0	457.3
04:04:2002:12:04:28	1392	79.1	76.3	15.9	25713	1369.1	281.6	461.6
04:04:2002:12:04:38	1401	80.1	80.5	16.0	27354	1382.1	284.3	466.1
04:04:2002:12:04:48	1392	79.5	77.9	16.0	25773	1395.5	287.0	470.6
04:04:2002:12:04:58	1396	79.5	78.3	15.9	27054	1408.4	289.6	474.9
04:04:2002:12:05:08	1405	79.8	79.3	16.0	26904	1421.7	292.3	479.4
04:04:2002:12:05:18	1392	79.0	75.8	15.9	25323	1434.7	295.0	483.8
04:04:2002:12:05:28	1392	79.5	78.3	15.9	26374	1447.6	297.6	488.2
04:04:2002:12:05:38	1392	78.9	75.8	15.9	25413	1460.4	300.3	492.4
04:04:2002:12:05:48	1401	79.7	78.8	15.9	26754	1473.4	303.0	496.8
04:04:2002:12:05:58	1396	79.5	77.9	15.9	26214	1486.5	305.6	501.2
04:04:2002:12:06:08	1396	79.1	76.7	15.9	25613	1499.3	308.3	505.6
04:04:2002:12:06:18	1410	80.3	80.9	16.0	27164	1512.4	311.0	510.0
04:04:2002:12:06:28	1401	78.9	76.1	16.0	25713	1525.3	313.6	514.3
04:04:2002:12:06:38	1410	79.7	78.4	15.9	26574	1538.2	316.3	518.7
04:04:2002:12:06:48	1419	79.7	79.1	15.9	26724	1551.4	318.9	523.1
04:04:2002:12:06:58	1428	80.2	80.6	15.9	27384	1564.7	321.6	527.6
04:04:2002:12:07:08	1419	79.6	78.0	15.9	26064	1578.0	324.3	532.1
04:04:2002:12:07:18	1410	79.1	76.6	16.0	25493	1590.8	326.9	536.4
04:04:2002:12:07:28	1410	79.2	77.0	15.9	25983	1603.5	329.6	540.7
04:04:2002:12:07:38	1419	79.4	77.6	16.0	25983	1616.4	332.3	545.0
04:04:2002:12:07:48	1424	79.9	79.6	16.0	27104	1629.4	334.9	549.4
04:04:2002:12:07:58	1433	79.7	78.7	16.0	26804	1642.7	337.6	553.9
04:04:2002:12:08:08	1414	79.2	76.9	16.0	25373	1656.0	340.3	558.4
04:04:2002:12:08:18	1419	79.5	78.0	16.0	26274	1668.7	342.9	562.7
04:04:2002:12:08:28	1428	79.9	79.5	15.9	27094	1681.8	345.6	567.1
04:04:2002:12:08:38	1428	79.7	78.5	16.0	26364	1695.2	348.3	571.6
04:04:2002:12:08:48	1419	79.0	76.4	16.0	25573	1708.2	350.9	576.0
04:04:2002:12:08:58	1424	80.2	80.7	16.0	27084	1721.3	353.6	580.5
04:04:2002:12:09:08	1428	80.3	81.4	16.0	27724	1734.7	356.2	585.0
04:04:2002:12:09:18	1414	79.1	76.7	15.9	25963	1747.7	358.9	589.4
04:04:2002:12:09:28	1424	79.8	79.1	16.0	26834	1760.7	361.6	593.8
04:04:2002:12:09:38	1428	80.1	80.5	15.9	27324	1774.0	364.2	598.3
04:04:2002:12:09:48	1424	79.4	77.9	15.9	26224	1787.3	366.9	602.8
04:04:2002:12:09:58	1428	79.9	79.7	15.9	27024	1800.4	369.6	607.3
04:04:2002:12:10:08	1428	79.4	77.6	16.0	26604	1813.5	372.2	611.7
04:04:2002:12:10:18	1410	78.6	74.9	16.0	24943	1826.5	374.9	616.0
04:04:2002:12:10:28	1419	79.5	77.8	15.9	26204	1839.2	377.6	620.3
04:04:2002:12:10:38	1428	79.9	79.6	16.0	26994	1852.3	380.2	624.7
04:04:2002:12:10:48	1437	80.3	81.1	16.0	27314	1865.7	382.9	629.3
04:04:2002:12:10:58	1437	80.0	79.8	16.0	27044	1879.0	385.6	633.8
04:04:2002:12:11:08	1428	79.3	77.3	16.0	26194	1891.9	388.2	638.1
04:04:2002:12:11:18	1433	79.9	79.7	15.9	26934	1905.1	390.9	642.6
04:04:2002:12:11:28	1437	79.7	79.0	16.0	26754	1918.3	393.5	647.0
04:04:2002:12:11:38	1428	80.0	79.9	15.9	26614	1931.6	396.2	651.6
04:04:2002:12:11:48	1419	79.3	77.4	16.0	26224	1944.3	398.9	655.8
04:04:2002:12:11:58	1428	79.8	78.8	15.9	26714	1957.4	401.5	660.2
04:04:2002:12:12:08	1433	80.0	80.2	16.0	27254	1970.6	404.2	664.7
04:04:2002:12:12:18	1428	79.4	77.8	16.0	26294	1983.8	406.9	669.2
04:04:2002:12:12:28	1428	80.1	80.6	16.0	27324	1996.8	409.5	673.6
04:04:2002:12:12:38	1419	79.0	76.4	16.0	25823	2009.7	412.2	677.9
04:04:2002:12:12:48	1424	79.8	79.2	15.9	26814	2022.7	414.9	682.3
04:04:2002:12:12:58	1433	80.3	81.1	15.9	27664	2036.0	417.5	686.8
04:04:2002:12:13:08	1424	79.2	77.2	15.9	25903	2049.4	420.2	691.3
04:04:2002:12:13:18	1428	80.0	79.9	15.9	27094	2062.4	422.9	695.7
04:04:2002:12:13:28	1428	80.0	80.2	15.9	27214	2075.7	425.5	700.2
04:04:2002:12:13:38	1419	79.1	76.5	16.0	25713	2088.8	428.2	704.6
04:04:2002:12:13:48	1414	79.3	77.2	16.0	26264	2101.6	430.9	708.9
04:04:2002:12:13:58	1419	79.7	79.0	15.9	26894	2114.7	433.5	713.4
04:04:2002:12:14:08	1419	80.0	79.8	16.0	27074	2127.9	436.2	717.8
04:04:2002:12:14:18	1428	80.0	80.3	16.0	27784	2140.9	438.9	722.2
04:04:2002:12:14:28	1433	79.8	79.3	16.0	26954	2154.3	441.5	726.8
04:04:2002:12:14:38	1419	79.1	76.7	16.0	25813	2167.5	444.2	731.2
04:04:2002:12:14:48	1424	79.9	79.8	16.0	26824	2180.7	446.9	735.7

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KANSAS CORPORATION COMMISSION
JUN 09 2003
CONSERVATION DIVISION
WICHITA, KS

JUN 09 2003

ORIGINAL

Well: Combes A 1-2

CONSERVATION DIVISION

Job Date: 04-04-2002

AcqTime mm:dd:yyyy:hh:mm:ss	TR PRESS psi	SURF FOAM QUALITY %	INJ RATE bbl/min	SLUR RATE bbl/min	N2 RATE scf/min	TOT INJ bbl	TOT SLUR bbl	TOT N2 Mscf	
04:04:2002:12:14:58	1428	80.3	81.4	16.0	27344	2194.0	449.5	740.2	
04:04:2002:12:15:08	1419	79.4	77.7	16.0	26154	2207.0	452.2	744.6	
04:04:2002:12:15:18	1424	79.6	78.5	15.9	26544	2220.0	454.9	749.0	
04:04:2002:12:15:28	1428	79.7	79.0	16.0	26714	2233.1	457.5	753.4	
04:04:2002:12:15:38	1433	79.9	79.5	16.0	26874	2246.4	460.2	757.9	
04:04:2002:12:15:48	1428	79.7	78.8	16.0	26854	2259.5	462.9	762.3	
04:04:2002:12:15:58	1437	79.9	79.9	16.0	27314	2272.8	465.5	766.8	
04:04:2002:12:16:08	1428	79.3	77.4	16.0	25633	2286.1	468.2	771.3	
04:04:2002:12:16:18	1424	79.5	78.1	16.0	26324	2298.9	470.9	775.7	
04:04:2002:12:16:28	1428	79.6	78.6	16.0	26704	2312.0	473.5	780.0	
04:04:2002:12:16:38	1433	79.9	79.9	16.0	26994	2325.2	476.2	784.5	
04:04:2002:12:16:48	1424	79.3	77.0	16.0	25823	2338.4	478.9	789.0	
04:04:2002:12:16:58	1428	79.5	77.8	16.0	26234	2351.2	481.5	793.8	
04:04:2002:12:17:08	1433	80.0	79.9	16.0	26944	2364.5	484.2	797.3	
04:04:2002:12:17:18	1437	80.0	80.1	16.0	27204	2377.8	486.9	802.3	
04:04:2002:12:17:28	1433	79.4	77.6	15.9	26304	2390.8	489.5	806.7	
04:04:2002:12:17:38	1437	79.8	79.4	16.0	26904	2404.0	492.2	811.2	
04:04:2002:12:17:48	1442	80.1	80.2	16.0	26974	2417.3	494.9	815.7	
04:04:2002:12:17:58	1433	80.0	80.1	16.0	27174	2430.5	497.5	820.1	
04:04:2002:12:18:08	1419	78.8	75.6	16.0	25443	2443.3	500.2	824.4	
04:04:2002:12:18:18	1428	79.5	78.2	16.0	26484	2456.2	502.9	828.7	
04:04:2002:12:18:28	1437	80.0	80.1	16.0	27224	2469.3	505.6	833.2	
04:04:2002:12:18:38	1437	80.2	80.7	16.0	27084	2482.8	508.2	837.8	
04:04:2002:12:18:48	1428	78.9	75.9	16.0	25743	2495.5	510.9	842.0	
04:04:2002:12:18:58	1442	80.3	81.1	16.0	27624	2508.7	513.6	846.5	
04:04:2002:12:19:08	1433	79.5	78.0	15.9	26224	2522.0	516.2	851.0	
04:04:2002:12:19:18	1419	78.7	75.3	16.0	25163	2535.0	518.9	855.4	
04:04:2002:12:19:28	1428	79.6	78.5	16.0	26514	2547.8	521.6	859.7	
04:04:2002:12:19:38	1442	80.1	80.2	16.0	27504	2561.0	524.2	864.2	
04:04:2002:12:19:48	1433	79.6	78.4	16.0	25993	2574.5	526.9	868.7	
04:04:2002:12:19:58	1433	79.8	79.1	15.9	26654	2587.4	529.6	873.1	
04:04:2002:12:20:08	1437	79.8	79.4	16.0	26854	2600.6	532.2	877.5	
04:04:2002:12:20:18	1437	79.7	79.0	15.9	26394	2613.8	534.9	882.0	
04:04:2002:12:20:28	1433	80.0	80.2	16.0	26864	2626.9	537.6	886.4	
04:04:2002:12:20:38	1433	79.8	78.9	16.0	27024	2639.8	540.2	890.8	
04:04:2002:12:20:48	1424	79.5	78.0	16.0	26144	2653.0	542.9	895.2	
04:04:2002:12:20:58	1433	79.6	78.7	16.0	26644	2666.0	545.6	899.6	
04:04:2002:12:21:08	1437	80.1	80.4	15.9	27324	2679.2	548.2	904.1	
04:04:2002:12:21:15	Started Flush Automatically								
04:04:2002:12:21:15	1437	80.5	81.9	16.0	28005	2688.7	550.1	907.3	
04:04:2002:12:21:18	1369	83.5	68.1	0.0	27234	2692.6	550.5	908.7	
04:04:2002:12:21:28	1314	100.0	61.4	0.0	26464	2702.9	550.5	913.0	
04:04:2002:12:21:38	1295	100.0	65.7	0.0	27854	2713.6	550.5	917.6	
04:04:2002:12:21:48	1277	100.0	61.5	0.0	25783	2724.2	550.5	922.1	
04:04:2002:12:21:58	1277	100.0	62.3	0.0	26394	2734.5	550.5	926.4	
04:04:2002:12:22:08	1282	100.0	63.4	0.0	26854	2744.8	550.5	930.8	
04:04:2002:12:22:15	Stage at Perfs: Flush								
04:04:2002:12:22:15	1282	100.0	63.7	0.0	26884	2752.3	550.5	934.0	
04:04:2002:12:22:18	1231	100.0	56.2	0.0	17819	2755.4	550.5	935.2	
04:04:2002:12:22:28	1131	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:22:38	1117	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:22:48	1117	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:22:58	1112	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:23:08	1108	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:23:18	1108	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:23:28	1103	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:23:38	1103	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:23:48	1099	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:23:58	1099	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:24:08	1094	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:24:18	1089	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:24:28	1089	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:24:31	Shutdown ISIP								
04:04:2002:12:24:31	1089	100.0	0.0	0.0	0	2757.7	550.5	935.8	
04:04:2002:12:24:38	1085	100.0	0.0	0.0	0	2757.7	550.5	935.8	