

Operator Name: Grand Mesa Operating Company Lease Name: Circle 8 Well #: 2-18
 Sec. 18 Twp. 28 S. R. 40 East West County: Stanton **CONFIDENTIAL**

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: DI Log, Comp. Neutron/SSD Micro Log, Micro Log, Cement Bond Log GR/CBL/CCL Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr><td>Heebner</td><td>3677</td><td>- 355</td></tr> <tr><td>Lansing</td><td>3772</td><td>- 450</td></tr> <tr><td>Marmaton</td><td>4350</td><td>-1028</td></tr> <tr><td>Little Osage</td><td>4532</td><td>-1210</td></tr> <tr><td>Morrow Shale</td><td>5041</td><td>-1719</td></tr> <tr><td>L/Morrow Marker</td><td>5287</td><td>-1965</td></tr> <tr><td>Lower Keyes SSt.</td><td>5362</td><td>-2040</td></tr> <tr><td>Miss. St. Gen.</td><td>5386</td><td>-2064</td></tr> <tr><td>Miss. St. Louis</td><td>5438</td><td>-2116</td></tr> <tr><td>LTD</td><td>5557</td><td></td></tr> </tbody> </table>	Name	Top	Datum	Heebner	3677	- 355	Lansing	3772	- 450	Marmaton	4350	-1028	Little Osage	4532	-1210	Morrow Shale	5041	-1719	L/Morrow Marker	5287	-1965	Lower Keyes SSt.	5362	-2040	Miss. St. Gen.	5386	-2064	Miss. St. Louis	5438	-2116	LTD	5557	
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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 1/4"	8 5/8"	24#	1670'	A-Con	400SX	3% CC, 2% Calset
					Tailed W/Common	150SX	2% CC, 2% Gel, 1/4# Flocele
Production	7 7/8"	5 1/2"	15.5#	5548'	AA-2	150SX	10% Salt, 10% Calset,

ADDITIONAL CEMENTING / SQUEEZE RECORD 2% Defoamer, .6% FLA 322, 1/4#SX Flocele				
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 <input checked="" type="checkbox"/> Protect fresh wtr.	0-2770'	A-Con	100 SX	3% CC; 1/4# SX Flocele
		Class A	100 SX	2% CC, 1/4# SX Flocele

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
4	5,362'-5,372'	18,186 Gal. Profrac 25, w/27,951# 16/30 Sand	
		RECEIVED KANSAS CORPORATION COMMISSION SEP 08 2006 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD	Size 2 7/8	Set At 5496'	Packer At 5270'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. August 26, 2006		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 46	Gas Mcf	Water Bbls. 46	Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval **5362-5372'**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

JUL 17 2006



FIELD ORDER 12903

Subject to Correction

Date	6-11-06	Customer ID		Lease	Circle 8	Well #	2-18	Legal	18-28S-40W
C H A R G E	GRAND MESA OPER KCC			County	Stanton	State	KS	Station	Barber
	Depth		1670'	Formation		Shoe Joint		42.21	
	Casing	8 5/8"	Casing Depth	1670'	TD	1670'	Job Type	8 5/8 Surface new well	
	Customer Representative					Treater		Nacho Jerry Salazar	

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AFE Number _____ PO Number _____ Materials Received by **X**

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
B	D-100	150 SKS	Premium/Comman	15.00	2,250
B	D-101	400 SKS	A-Con Blend	17.85	7,140.00
B	C194	130 LBS	Celleflake	3.70	481.00
B	C310	1410 LBL	Calcium Chloride	1.00	1,410.00
B	C320	282 LBS	Cement Gel	0.25	70.50
L	F103	3 Ea	Centralizer, 8 5/8"	90.00	270.00
L	F233	1 EA	Flapper Type Inserts float valves 8 5/8"	275.00	275.00
L	F123	1 Ea	Basket 8 5/8"	332.50	332.50
L	F145	1 Ea	Top Rubber Cement Plug 8 5/8"	145.70	145.70
L	F800	1 EA	Threadlock Compound Kit	30.00	30.00
L	F193	1 EA	Guide shoe Reg. 8 5/8"	285.40	285.40
B	E100	174 miles	Heavy vehicle mileage 1 way	5.00	870.00
B	E107	550 SK	Cement Service charge	1.50/sk	825.00
B	E104	2249 Tm	Bulk delivery per ton (\$200 min)	1.60	3598.40
B	E101	87	Pickup mileage 1 way	3.00	261.00
B	R204	1 EA	Casing Cement Pump 1501-2000' first 4hrs.	1376.00	1,376.00
B	R701	1 EA	Cement head Rental	250.00	250.00

(Week End Bonus)

Jerry Salazar
Jason Burklow
Johnny Bailey
John Butler
Allen Wenth (Liberal KS)

Book Price 19870.50
Discounted Price \$16293.74
plus TAXES

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Agencia Hernandez CO MAN.

Customer <i>Grand Mesa Op</i>	Lease No.	Date <i>6-11-06</i>
Lease <i>Circle 8</i>	Well # <i>2-18</i>	
Field Order # <i>12903</i>	Station <i>Dorger TX</i>	Casing, 24" <i>8 7/8</i>
Type Job <i>Surface 8 7/8" New well</i>	Formation <i>ET</i>	Depth <i>1670</i>
		County <i>Stanton</i>
		State <i>KS</i>
		Legal Description <i>18285-40W</i>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>8 7/8"</i>							
Depth <i>1670'</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume <i>103.5</i>	Volume	From	To	Pad	Min		10 Min.
Max Press <i>900</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>PC</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>fresh water</i>	Gas Volume		Total Load

Customer Representative <i>Nicho</i>	Station Manager <i>Jerry Bennett</i>	Treater <i>J. Salazar, Allenworth</i>
Service Units <i>8-5, 125, 57, 35, 24</i>		
Driver Names <i>Salazar, Worth, Burklaw, Butler, Bailey</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0730</i>					<i>Arrive on loc., rig running casing, safety meeting, set up</i>
<i>0845</i>					<i>casing on bottom, circulate well</i>
<i>0910</i>	<i>100 psi</i>			<i>4 BPM</i>	<i>mix lead @ 11.4# 218 BBL</i>
<i>1015</i>	<i>100 psi</i>			<i>2 BPM</i>	<i>mix TAIL @ 15# 40 BBL</i>
<i>1040</i>					<i>drop plug pump displacement</i>
<i>1048</i>	<i>100 psi</i>		<i>30</i>	<i>4.5 BPM</i>	<i>pump displacement</i>
<i>1055</i>	<i>210 psi</i>		<i>60</i>	<i>4.5 BPM</i>	<i>" "</i>
<i>1100</i>	<i>400 psi</i>		<i>90</i>	<i>4.5 BPM</i>	<i>" "</i>
<i>1115</i>	<i>500 psi</i>		<i>100</i>	<i>2 BPM</i>	<i>" "</i>
<i>1115</i>	<i>900 psi</i>		<i>103</i>	<i>2 BPM</i>	<i>Bump plug, reversed pressure, OK</i>
<i>1120</i>					<i>Rig down</i>
<i>Weekend Bonus</i>					<i>Cement circulated to pit</i>
					<i>400 SKS of 1 con, 3% CC, 2% Colset, 2% met slate</i>
					<i>1/4# cellfluke</i>
					<i>150 SKS premium; 2% gel; 2% CC; 1/4# cellfluke</i>
					<i>good circulation through job</i>
					<i>[Signature]</i>

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FIELD ORDER 12823

Subject to Correction

Date 6-20-06	Customer ID	Lease Circle 8	Well # 2-18	Legal 18-285-40W
Grand Mesa Operating		County Stanton	State KS	Station Liberal
C H A R G E	Depth	Formation		Shoe Joint 40
	Casing 5 1/2	Casing Depth 5543	TD	Job Type 5 1/2" Long string (1 1/2")
	Customer Representative John Johnson		Treater Dirby Hasper	
AFE Number	PO Number	Materials Received by X John Johnson		

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
L	D105	150 SK	AA-2		
				KCC	
				SEP 09 2006	
L	C195	85 1/2	FLA-322		
L	C243	29 1/2	Deformers		
L	C244	36 1/2	Cement Friction Reducers		
L	C321	705 1/2	Gilsonite		
L	C221	810 1/2	Salt (Finc)		
L	C311	705 1/2	Calc-Sol		
L	F211	1 EA	Auto fill float shoe		
L	F171	1 EA	1R Latch down Plug + Baffle		
L	F101	10 EA	Turbolizers		
L	F261	1 EA	Cement Port Collar		
L	F121	1 EA	Basket		
L	F300	1 EA	Threadlock Compound Kit		
L	C302	500 Gal	Mud flush		
L	C141	12 Gal	CC-1		
L	E100	174 MI	Heavy Vehicle Mileage		
L	E107	150 SK	Cement Service Charge		
L	E104	613 TM	Bulk delivery		
L	E101	87 MI	Pickup Mileage		
L	R211	1 EA	Casing Cement Pump		
L	R701	1 EA	Cement head rental		
Discounted Total					
Final Tax					
					13,863.75

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TREATMENT REPORT

Customer <i>Grand Mesa Operating</i>		Lease No.		Date <i>6-20-06</i>	
Lease <i>Circle 3</i>		Well # <i>2-14</i>			
Field Order #	Station <i>Liberal</i>	Casing <i>5 1/2</i>	Depth <i>5248</i>	County <i>Shickler</i>	State <i>KS</i>
Type Job <i>5 1/2" long string</i>		(NW)	Formation	Legal Description <i>14-285-401</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
				<i>150 sk AA-2</i>	<i>105 gal/hr, 10% gel, 5% Gelsand</i>			
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
				<i>6% FLH 3%</i>	<i>150 gal/hr</i>			
Volume	Volume	From	To	Pad #	Min		10 Min.	
				<i>15 - 1.5 G 3%</i>	<i>6.34 Gal</i>			
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
				<i>CC-1 Water</i>				

Customer Representative <i>John Johnson</i>	Station Manager <i>Jerry Bennett</i>	Treater <i>Kirby Harper</i>
Service Units <i>176 227 244 502</i>		
Driver Names <i>Harper Johnson Rapp Helgason</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0300</i>					<i>On location - Spot & Rig up</i>
<i>0400</i>					<i>Casing on Bottom - Break Circulate</i>
<i>1012</i>	<i>200</i>		<i>12</i>	<i>3</i>	<i>Start pumping 500 gal of Mudflush</i>
<i>1016</i>	<i>300</i>		<i>5</i>	<i>3</i>	<i>Start pumping 5 bbl of Water</i>
<i>1018</i>	<i>200</i>		<i>40</i>	<i>4</i>	<i>Start mixing 150 sk of AA-2 @ 15 #</i>
<i>1036</i>	<i>1000</i>				<i>Shut down - drop plug - clean lines</i>
<i>1042</i>	<i>100</i>		<i>0</i>	<i>5</i>	<i>Start displacing with CC-1 Water</i>
<i>1104</i>	<i>300</i>		<i>86</i>	<i>5</i>	<i>Displacement Fracture Cement</i>
<i>1103</i>	<i>500-1000</i>		<i>121</i>	<i>2</i>	<i>Slow Rate</i>
<i>1108</i>	<i>1000-1100</i>		<i>131</i>		<i>Bump Plug</i>
<i>1110</i>	<i>400-0</i>				<i>Release Pressure - Float Held</i>
					<i>Job Complete</i>

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Taylor Printing, Inc. 620-672-3656



FIELD ORDER 12899

Subject to Correction

Date <i>7-5-06</i>	Customer ID	Lease <i>Circle 8</i>	Well # <i>2-18</i>	Legal <i>12-285-40W</i>
<i>Grand Mesa Operating</i>		County <i>Stanton</i>	State <i>KS</i>	Station <i>Liberal</i>
C H A R G E	Depth <i>2770</i>	Formation		Shoe Joint
	Casing <i>5 1/2</i>	Casing Depth	TD	Job Type <i>Port Coker (Win)</i>
	Customer Representative			Treater <i>Windy Harper</i>
AFE Number	PO Number	Materials Received by X <i>John A. John</i>		

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
L	D100	100SK	Common	KCC	
L	D101	100SK	A Con		
				SEP 09 2006	
L	C194	471b	Cellflake	CONFIDENTIAL	
L	C310	4701b	Calcium Chloride		
L	E100	220MI	Heavy Vehicle Mileage		
L	E101	110MI	Pickup Mileage		
L	E104	1034Tm	Bulk Delivery		
L	E107	200SK	Cement, Service, Charge		
L	R205	1 EA	Casing Cement Pumper 2001-2500'		
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<i>Discounted Total</i> <i>Plus Tax</i>					<i>8,762.³⁰</i>

Customer <i>Grand Mesa Operating</i>	Lease No.	Date <i>7-5-06</i>	
Lease <i>Circle 8</i>	Well # <i>2-18</i>		
Field Order # <i>12849</i>	Station <i>Liberal</i>	Casing <i>5/2</i>	Depth <i>2770</i>
Type Job <i>Port Collar</i>	Formation <i>NW</i>	County <i>Stanton</i>	State <i>KS</i>
		Legal Description <i>15-27S-40W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>5 1/2</i>	Tubing Size <i>2 3/4</i>	Shots/Ft		Acid <i>100sk A-Con</i>	RATE <i>390cc</i>	PRESS <i>14</i>	ISIP <i>2 1/4" G/1/4" G</i>
Depth <i>2770</i>	Depth <i>2770</i>	From	To	Pre Pad # <i>11.4 - 3.06ft</i>	Max <i>19.2 Gal</i>		5 Min.
Volume	Volume	From	To	Pad <i>100sk Class A</i>	Min <i>2.90cc</i>		10 Min.
Max Press	Max Press	From	To	Frac # <i>15 - 1.33ft³</i>	Avg <i>2.34 Gal</i>		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>Water</i>	Gas Volume		Total Load

Customer Representative	Station Manager <i>Jerry Bennett</i>	Treater <i>Kirby Harper</i>
Service Units <i>126 227 344 575</i>		
Driver Names <i>Harper Olvera Regan</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1230</i>					<i>On location - Spot & Rig up</i>
<i>1322</i>	<i>1000</i>	<i>1000</i>			<i>Pressure test casing</i>
					<i>Open Tool</i>
<i>1428</i>		<i>100</i>	<i>0</i>	<i>2</i>	<i>Start mixing 100sk A-Con @ 11.4</i>
<i>1441</i>		<i>200</i>	<i>25</i>	<i>2</i>	<i>Start circulating to the pit</i>
<i>1449</i>		<i>200</i>	<i>55</i>	<i>2</i>	<i>Start mixing 100sk Class A @ 15#</i>
<i>1456</i>		<i>300</i>	<i>24</i>	<i>2</i>	<i>Start displacing</i>
<i>1507</i>		<i>500</i>	<i>15.5</i>		<i>Shut down</i>
<i>1511</i>					<i>RT.H with 3 Sts</i>
<i>1532</i>		<i>200</i>	<i>0</i>	<i>2</i>	<i>Pressure out</i>
<i>1547</i>		<i>200</i>	<i>30</i>		<i>Shut down</i>
<i>1550</i>			<i>4</i>		<i>Plug Rat hole</i>
					<i>Job Complete</i>

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