

MUD-CO / SERVICE MUD INC.

100 S. Main, Suite 405 / Wichita, KS 67202 / 316-264-2814

DATE <u>5-11-2000</u>		DEPTH <u>2196</u>
API WELL NO.	STATE	COUNTY

OPERATOR <u>Grand Mesa Operating</u>		CONTRACTOR <u>Discovery</u>		RIG NO. <u>1</u>
ADDRESS <u>Big</u>		ADDRESS <u>Big</u>		SPUD DATE <u>9 8 2000</u>
REPORT FOR MR. <u>Larry Friend</u>		REPORT FOR MR. <u>Tom Alm</u>		SECTION, TOWNSHIP, RANGE <u>18 17 23</u>
WELL NAME AND NO. <u>3-18 Humphrey</u>		FIELD OR BLOCK NO.	COUNTY <u>Ness</u>	STATE <u>KS</u>
OPERATION <u>2-19</u>		MUD VOLUME (BBL)		CIRCULATION DATA
PRESENT ACTIVITY <u>2-19</u>		HOLE PITS <u>154 400</u>		PUMP SIZE X IN. <u>5 1/2 14</u>
BIT SIZE (IN.) NO. <u>7 7/8 2</u>		TOTAL CIRCULATING VOLUME <u>554</u>		ANNULAR VEL. (FT./MIN.) <u>167</u>
DRILL PIPE SIZE TYPE <u>4 1/2 XH</u>		IN STORAGE		PUMP MAKE <u>Wilson</u>
DRILL COLLAR LENGTH <u>6 1/4 509</u>		MUD TYPE <u>Pacmix</u>		MODEL <u>Wilson</u>
				BBL/STROKE STROKE/MIN <u>2163 60</u>
				OPPOSITE DP <u>304</u>
				OPPOSITE COLLAR <u>304</u>
				CIRCULATING PRESSURE PSI <u>22</u>
				BOTTOMS UP (MIN.) <u>82</u>
				SYSTEM <u>82</u>
				TOTAL (MIN.) <u>82</u>

Sample from ☐ Flowline ☐ Pit		MUD PROPERTIES		DAILY COST <u>229 60</u>	CUMULATIVE COST <u>229 60</u>
Flowline Temperature <u>°F</u>				MUD PROPERTIES SPECIFICATIONS	
Time Sample Taken <u>AM</u> <u>PM</u> <u>10:15</u>				WEIGHT <u>9.4</u> VISCOSITY <u>as needed</u> FILTRATE <u>OK</u>	
Depth (ft) <u>9.7</u>				BY AUTHORITY ☐ OPERATOR'S WRITTEN ☐ DRILLING CONTRACTOR	
Weight ☒ (ppg) ☐ (lb/cu ft)				☐ OPERATOR'S REPRESENTATIVE ☐ OTHER	
Mud Gradient (psi/ft) <u>304</u>				MATERIALS RECOMMENDED	
Funnel Viscosity (sec/qt) API at <u>°F</u> <u>31</u>				Pretreat at 2800' - 80 bbl water	
Plastic Viscosity cp at <u>°F</u> <u>1</u>				Possible minor loss 18 gal	
Yield Point (lb/100 sq ft) <u>1</u>				2800' to 3100' 12 g/s hulls	
Gel Strength (lb/100 sq ft) 10 sec/10 min <u>1</u>				Mud wt 9.4 g/gal.	
pH ☒ Strip ☐ Meter <u>7.0</u>				{CM as needed	
Filtrate API (ml/30 min) <u>n/c</u>				Fill tank be ready to Displace 3600	
Cake Thickness 32nd in API ☐ HP-HT ☐ <u>2</u>				80 bbl water	
Alkalinity, Mud (P _m) <u>1</u>				2 soda ash	
Alkalinity, Filtrate (P _f /M _f) <u>1</u>				1 acoustic	
Salt ☐ ppm ☒ gpg Chloride ☐ ppm ☒ gpg <u>21,000</u>				20 gal	
Calcium ☒ ppm ☐ Gyp (ppb) <u>HUP</u>				1 lignite	
Sand Content (% by Vol) <u>8.4</u>				2 vis cups drill-pac	
Solids Content (% by Vol) <u>8.4</u>					
Oil Content (% by Vol)					
Water Content (% by Vol) <u>91.6</u>					
L.C.M. #/bbl <u>-0-</u>					
Preservative #/bbl					

MUD ON HAND/USED		MUD ON HAND/USED	
<u>336</u>	<u>28</u>	<u>3</u>	<u>3</u>
<u>25</u>	<u>25</u>	<u>20</u>	<u>120</u>
<u>19</u>	<u>19</u>		<u>Multi Seal</u>
<u>15</u>	<u>15</u>		<u>Cedar Fiber</u>
<u>2</u>	<u>6</u>		<u>Cello Flake</u>

Drillpac	<u>3</u>
C/S Hulls	<u>120</u>
Multi Seal	
Cedar Fiber	
Cello Flake	

THE RECOMMENDATIONS MADE HEREON SHALL NOT BE CONSTRUED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND ARE MADE WITHOUT ASSUMPTION OF ANY LIABILITY BY MUD-CO / SERVICE MUD, INC. OR ITS AGENTS, AND ARE STATEMENTS OF OPINION ONLY.

REPRESENTATIVE <u>David Atkins</u>	HOME ADDRESS <u>Colby KS</u>	TELEPHONE <u>785 462 3411</u>
MOBILE UNIT <u>785 694 3741</u>	WAREHOUSE LOCATION <u>Lamar Co</u>	TELEPHONE <u>719 336 8114</u>

MUD-CO / SERVICE MUD INC.

100 S. Main, Suite 405 / Wichita, KS 67202 / 316-264-2814

DATE <u>12/3</u> 20 <u>00</u>		DEPTH <u>3556</u>
API WELL NO.	STATE	COUNTY

OPERATOR <u>Grand Mesa Operating</u>	CONTRACTOR <u>Discovery</u>	RIG NO. <u>1</u>
ADDRESS <u>Rig</u>	ADDRESS <u>Rig</u>	SPUD DATE <u>9 8 2000</u>
REPORT FOR MR. <u>Larry Friend</u>	REPORT FOR MR. <u>Tom Alm</u>	SECTION, TOWNSHIP, RANGE <u>18 14 24</u>

WELL NAME AND NO. <u>3-18 Humphrey</u>	FIELD OR BLOCK NO.	COUNTY <u>Ness</u>	STATE <u>Ks.</u>
OPERATION <u>Drilling</u>	CASING SURFACE <u>8 5/8</u> IN. at <u>232</u> FT.	MUD VOLUME (BBL) HOLE PITS <u>252</u> <u>400</u>	CIRCULATION DATA PUMP SIZE X IN. <u>5 1/2</u> <u>14</u>
PRESENT ACTIVITY <u>Drilling</u>	INTERMEDIATE IN. at FT.	TOTAL CIRCULATING VOLUME <u>652</u>	ANNULAR VEL. (FT./MIN.) <u>167</u>
BIT SIZE (IN.) NO. <u>7 7/8</u> <u>2</u>	PRODUCTION OR LINER IN. at FT.	IN STORAGE	OPPOSITE DP <u>304</u>
DRILL PIPE SIZE TYPE <u>4 1/2</u> <u>XH</u>	MUD TYPE <u>Chemical</u>	MODEL <u>Wilson</u>	OPPOSITE COLLAR <u>304</u>
DRILL COLLAR SIZE <u>6 1/4</u> <u>509</u>		BBL/STROKE STROKE/MIN <u>2.113</u> <u>60</u>	CIRCULATING PRESSURE PSI <u>60m</u>
		BBL/MIN. <u>6.78</u> <u>284</u>	BOTTOMS UP (MIN.) <u>37</u>
			SYSTEM TOTAL (MIN.) <u>96</u>

Sample from ☐ Flowline ☐ Pit	MUD PROPERTIES	DAILY COST <u>2737 13/1</u>	CUMULATIVE COST <u>2966 73/4</u>
Flowline Temp.ature °F			

Time Sample Taken AM <u>(PM)</u>	5:45		
Depth (ft)	<u>3556</u>		
Weight ☒ (ppg) ☐ (lb/cu ft)	<u>8.6</u>		
Mud Gradient (psi/ft)	<u>447</u>		
Funnel Viscosity (sec/qt) API at °F	<u>48</u>		
Plastic Viscosity cp at °F	<u>14</u>		
Yield Point (lb/100 sq ft)	<u>15</u>		
Gel Strength (lb/100 sq ft) 10 sec/10 min	<u>1126</u>	<u>1</u>	<u>1</u>
pH ☐ Strip ☐ Meter	<u>11.0</u>		
Filtrate API (ml/30 min)	<u>12.0</u>		
Cake Thickness 32nd in API ☐ HP-HT ☐	<u>1</u>		
Alkalinity, Mud (P _m)	<u>1</u>		
Alkalinity, Filtrate (P _f /M _f)	<u>81</u>	<u>1</u>	<u>1</u>
Salt ☐ ppm ☐ Chloride ☐ ppm	<u>5000</u>		
Calcium ☐ ppm ☐ Gyp (ppb)	<u>40</u>		
Sand Content (% by Vol)	<u>7R</u>		
Solids Content (% by Vol)	<u>1.9</u>		
Oil Content (% by Vol)	<u>1</u>		
Water Content (% by Vol)	<u>98.1</u>		
L.C.M. #/bbl	<u>1/2</u>		
Preservative #/bbl			

MUD PROPERTIES SPECIFICATIONS		
WEIGHT <u>9.0-9.3</u>	VISCOSITY <u>40</u>	FILTRATE <u>12</u>
BY AUTHORITY ☐ OPERATOR'S WRITTEN ☐ DRILLING CONTRACTOR ☐ OPERATOR'S REPRESENTATIVE ☐ OTHER		

MATERIALS RECOMMENDED

Maintain vis 40 sec/qt

At 4200' raise vis to 44-48 sec/qt

80 bbl water

2 soda ash

1 acoustic

1 lignite

Get for vis

Control mud wt 9.0-9.3 g/gal

12 hr treatment - 1 acoustic soda

1cm as needed

Keep hole full

' pipe moving

MUD ON HAND/USED		MUD ON HAND/USED	
<u>154</u> <u>182</u>	Premium Gel	<u>1</u> <u>2</u>	Drillpac
<u>9</u> <u>16</u>	Soda Ash	<u>103</u> <u>17</u>	C/S Hulls
<u>11</u> <u>8</u>	Caustic Soda		Multi Seal
<u>7</u> <u>8</u>	Super Lig		Cedar Fiber
<u>2</u>	Lime		Cello Flake

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REPRESENTATIVE <u>Reid Atkins</u>	HOME ADDRESS <u>Colby Ks</u>	TELEPHONE <u>785 462 3412</u>
MOBILE UNIT <u>785 694 3741</u>	WAREHOUSE LOCATION <u>Lamar Co</u>	TELEPHONE <u>719 236 8114</u>

MUD-CO / SERVICE MUD INC.

100 S. Main, Suite 405 / Wichita, KS 67202 / 316-264-2814

DRILLING MUD REPORT NO. 4

DATE 1/14/2000 DEPTH 3900

API WELL NO. STATE COUNTY

OPERATOR <i>Grand Mesa Operating</i>		CONTRACTOR <i>Discovery</i>		RIG NO. <i>1</i>	
ADDRESS <i>Big</i>		ADDRESS <i>Big</i>		SPUD DATE <i>9 8 2000</i>	
REPORT FOR MR. <i>Larry Friend</i>		REPORT FOR MR. <i>Tom Alm</i>		SECTION, TOWNSHIP, RANGE <i>18 17 24</i>	
WELL NAME AND NO. <i>3-18 Humphrey</i>		FIELD OR BLOCK NO.		COUNTY <i>Ness</i>	
STATE <i>KS</i>		MUD VOLUME (BBL)		CIRCULATION DATA	
PRESENT ACTIVITY <i>Drilling</i>		SURFACE IN. at <i>232</i> FT.		PUMP SIZE X IN. <i>5 1/2 14</i>	
BIT SIZE (IN.) NO. <i>4 1/8 2</i>		INTERMEDIATE IN. at FT.		ANNULAR VEL. (FT./MIN.) <i>168</i>	
DRILL PIPE SIZE TYPE <i>4 1/2 XH</i>		PRODUCTION OR LINER IN. at FT.		OPPOSITE DP <i>30.4</i>	
DRILL COLLAR LENGTH SIZE <i>6 1/4 509</i>		MUD TYPE <i>Chemical</i>		MODEL <i>Wilson</i>	
				BBL/STROKE STROKE/MIN <i>1.113 60</i>	
				CIRCULATING PRESSURE PSI <i>6.78 284</i>	
				BOTTOMS UP (MIN.) <i>40</i>	
				SYSTEM TOTAL (MIN.) <i>92</i>	

Sample from ☒ Flowline ☐ Pit		MUD PROPERTIES		DAILY COST <i>341 85/-</i>	
Flowline Tempature °F				CUMULATIVE COST <i>3308 58</i>	
Time Sample Taken (AM) PM <i>10:20</i>		DEPTH (ft) <i>3900</i>		MUD PROPERTIES SPECIFICATIONS	
Weight ☒ (ppg) ☐ (lb/cu ft) <i>9.2</i>		Mud Gradient (psi/ft) <i>4.78</i>		WEIGHT <i>9.2-9.4</i>	
Funnel Viscosity (sec/qt) API at °F <i>44</i>		Plastic Viscosity cp at °F <i>9</i>		VISCOSITY <i>40</i>	
Yield Point (lb/100 sq ft) <i>13</i>		Gel Strength (lb/100 sq ft) 10 sec/10 min <i>81.7</i>		FILTRATE <i>12</i>	
pH ☒ Strip ☐ Meter <i>10.5</i>		Filtrate API (ml/30 min) <i>9.6</i>		BY AUTHORITY ☐ OPERATOR'S WRITTEN ☐ DRILLING CONTRACTOR	
Cake Thickness 32nd in API ☐ HP-HT ☐ <i>1</i>		Alkalinity, Mud (P _m) <i>91</i>		☐ OPERATOR'S REPRESENTATIVE ☐ OTHER	
Alkalinity, Filtrate (P _f /M _f) <i>91</i>		Salt ☐ ppm ☒ gpg Chloride ☐ ppm ☒ gpg <i>3000</i>		MATERIALS RECOMMENDED	
Calcium ☐ ppm ☐ Gyp (ppb) <i>40</i>		Sand Content (% by Vol) <i>1.1</i>		<i>Vis 40 sec/qt - 80 bbl water</i> <i>2 soda</i> <i>1 caustic</i> <i>1 lignite</i> <i>Gel for vis</i> <i>5 qts hulls</i>	
Solids Content (% by Vol) <i>6.1</i>		Oil Content (% by Vol) <i>93.9</i>		<i>Run water at sample</i> <i>box for 9.2-9.4 mud wt</i> <i>premix as needed</i> <i>to keep wt in proper range</i>	
Water Content (% by Vol) <i>93.9</i>		L.C.M. #/bbl <i>TRACE</i>		<i>12 hr treatment - 1 caustic soda</i> <i>at chem bbl</i>	
Preservative #/bbl				<i>10m as needed</i> <i>Short trip DST #1</i> <i>Keep hole full</i> <i>pipe moving</i>	

MUD ON HAND/USED		MUD ON HAND/USED	
<i>124</i>	<i>30</i>	<i>1</i>	
<i>7</i>	<i>2</i>	<i>103</i>	
<i>9</i>	<i>2</i>		
<i>6</i>	<i>1</i>		
<i>2</i>			

REPRESENTATIVE <i>David Atkins</i>	HOME ADDRESS <i>Leiby KS</i>	TELEPHONE <i>285 462 241</i>
MOBILE UNIT <i>285 684 2741</i>	WAREHOUSE LOCATION <i>Lamar Co</i>	TELEPHONE <i>719 336 8114</i>

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DATE	2-15-2000	DEPTH	4225
API WELL NO.	STATE COUNTY		

OPERATOR <i>Grand Mesa Operating</i>	CONTRACTOR <i>Discovery</i>	RIG NO. <i>1</i>
ADDRESS	ADDRESS <i>Rig</i>	SPUD DATE <i>9 8 20</i>
REPORT FOR MR. <i>Harry Friend</i>	REPORT FOR MR. <i>Tom Alm</i>	SECTION, TOWNSHIP, RAN <i>18 17 2</i>
WELL NAME AND NO. <i>2-18 Humphrey</i>	FIELD OR BLOCK NO.	COUNTY <i>Ness</i>
		STATE <i>KS</i>

OPERATION <i>Drilling</i>	CASING SURFACE <i>8 5/8</i> IN. at <i>232</i> FT.	MUD VOLUME (BBL) HOLE PITS <i>296</i> <i>400</i>	CIRCULATION DATA PUMP SIZE X IN. <i>5 1/2</i> <i>1 1/4</i>
PRESENT ACTIVITY <i>Drilling</i>	INTERMEDIATE IN. at FT.	TOTAL CIRCULATING VOLUME <i>696</i>	ANNULAR VEL. (FT./MIN.) OPPOSITE DP <i>167</i>
BIT SIZE (IN.) <i>7 1/8</i>	PRODUCTION OR LINER IN. at FT.	IN STORAGE	PUMP MAKE <i>Wilson</i>
DRILL PIPE SIZE <i>4 1/2</i>			OPPOSITE COLLAR <i>302</i>
DRILL COLLAR LENGTH <i>509</i>	MUD TYPE <i>Chemical</i>		MODEL <i>411200</i>
			BBL/STROKE <i>113</i>
			STROKE/MIN <i>60</i>
			CIRCULATING PRESSURE PSI <i>950</i>
			BOTTOMS UP (MIN.) <i>44</i>
			SYSTEM TOTAL (MIN.) <i>103</i>

Sample from ☐ Flowline ☐ Pit	MUD PROPERTIES	DAILY COST <i>140 25/-</i>	CUMULATIVE COST <i>3448 83/-</i>
Flowline Temperature °F			

Time Sample Taken <i>AM</i> <i>PM</i>	<i>8:15</i>		
Depth (ft)	<i>4225</i>		
Weight ☒ (ppg) ☐ (lb/cu ft)	<i>9.5</i>		
Mud Gradient (psi/ft)	<i>494</i>		
Funnel Viscosity (sec/qt) API at °F	<i>44</i>		
Plastic Viscosity cp at °F	<i>16</i>		
Yield Point (lb/100 sq ft)	<i>17</i>		
Gel Strength (lb/100 sq ft) 10 sec/10 min	<i>10/22</i>	<i>1</i>	<i>1</i>
pH ☒ Strip ☐ Meter	<i>9.6</i>		
Filtrate API (ml/30 min)	<i>1</i>		
Cake Thickness 32nd in API ☒ HP-HT ☐			
Alkalinity, Mud (P _m)	<i>61</i>	<i>1</i>	<i>1</i>
Alkalinity, Filtrate (P _f /M _f)			
Salt ☐ ppm ☒ Chloride ☐ ppm	<i>3000</i>		
Calcium ☐ ppm ☐ Gyp (ppb)	<i>60</i>		
Sand Content (% by Vol)	<i>72</i>		
Solids Content (% by Vol)	<i>8.2</i>		
Oil Content (% by Vol)			
Water Content (% by Vol)	<i>91.8</i>		
L.C.M. #/bbl	<i>TRACE</i>		
Preservative #/bbl			

MUD PROPERTIES SPECIFICATIONS		
WEIGHT <i>9.4</i>	VISCOSITY <i>44-48</i>	FILTRATE <i>10</i>
BY AUTHORITY ☐ OPERATOR'S WRITTEN ☐ DRILLING CONTRACTOR ☐ OPERATOR'S REPRESENTATIVE ☐ OTHER		

MATERIALS RECOMMENDED

Maintain vis 44-48 sec/qt

Let + add 80 bbl water

over 2 hrs. 2 soda ash

1 caustic

12 lignite

thicken with 9

6 c/s hulls

Run water at sample box and above premix to control mud wt 9.4 g/cc.

12 hr treatment - 1 caustic at chem bbl

LCM as needed

*Short trip DST * 1*

MUD ON HAND/USED		MUD ON HAND/USED	
<i>110</i>	<i>14</i>	<i>1</i>	<i>103</i>
<i>7</i>			
<i>8</i>	<i>1</i>		
<i>6</i>			
<i>2</i>			

REPRESENTATIVE <i>Roid Atkins</i>	HOME ADDRESS <i>Colby KS</i>	TELEPHONE <i>785 462 3412</i>
MOBILE UNIT <i>785 694 3741</i>	WAREHOUSE LOCATION <i>Lamar Co</i>	TELEPHONE <i>719 336 8114</i>

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MUD-CO / SERVICE MUD INC.

100 S. Main, Suite 405 / Wichita, KS 67202 / 316-264-2814

DATE <u>12-16-2000</u>		DEPTH <u>4365</u>	
API WELL NO.		STATE COUNTY	

OPERATOR <u>Grand Mesa Operating</u>		CONTRACTOR <u>Discovery</u>		RIG NO. <u>1</u>	
ADDRESS		ADDRESS		SPUD DATE <u>9 8 2000</u>	
REPORT FOR MR. <u>Larry Friend</u>		REPORT FOR MR. <u>Tom Alm</u>		SECTION, TOWNSHIP, RANGE <u>18 17 24</u>	
WELL NAME AND NO. <u>3-18 Humphrey</u>		FIELD OR BLOCK NO.		COUNTY <u>Ness</u>	
				STATE <u>Kansas</u>	

OPERATION <u>CFS</u>		CASING SURFACE <u>8 5/8</u> IN. at <u>232</u> FT.		MUD VOLUME (BBL) HOLE <u>306</u> PITS <u>400</u>		CIRCULATION DATA PUMP SIZE X IN. <u>5 1/2</u> X <u>14</u>		ANNULAR VEL. (FT./MIN.) OPPOSITE DP <u>167</u>	
BIT SIZE (IN.) <u>7 7/8</u>		INTERMEDIATE IN. at FT.		TOTAL CIRCULATING VOLUME <u>406</u>		PUMP MAKE <u>Wilson</u>		OPPOSITE COLLAR <u>304</u>	
DRILL PIPE SIZE <u>4 1/2</u>		PRODUCTION OR LINER IN. at FT.		IN STORAGE		MODEL <u>113</u>		CIRCULATING PRESSURE PSI <u>950</u>	
DRILL COLLAR SIZE <u>6 1/4</u>		MUD TYPE <u>Chemical</u>				BBL/MIN. <u>6.78</u>		BOTTOMS UP (MIN.) <u>40</u>	
LENGTH <u>509</u>						<u>60</u>		SYSTEM TOTAL (MIN.) <u>104</u>	

Sample from ☐ Flowline ☐ Pit		MUD PROPERTIES		DAILY COST <u>351.05</u>		CUMULATIVE COST <u>3799.88</u>	
Flowline Temp.ature							
Time Sample Taken <u>AM</u> <u>PM</u>		<u>10:35</u>					
Depth (ft)		<u>4365</u>		WEIGHT <u>9.4</u>		VISCOSITY <u>45-50</u>	
Weight ☒ (ppg) ☐ (lb/cu ft)		<u>9.5</u>				FILTRATE <u>10</u>	
Mud Gradient (psi/ft)		<u>.454</u>		BY AUTHORITY ☐ OPERATOR'S WRITTEN ☐ DRILLING CONTRACTOR			
Funnel Viscosity (sec/qt) API at °F		<u>50</u>		☐ OPERATOR'S REPRESENTATIVE ☐ OTHER			
Plastic Viscosity cp at °F		<u>15</u>		MATERIALS RECOMMENDED			
Yield Point (lb/100 sq ft)		<u>19</u>		<u>Vis 45-50 sec/qt - 80 bbl water</u>			
Gel Strength (lb/100 sq ft) 10 sec/10 min		<u>13/28</u>		<u>2 soda</u>			
pH ☒ Strip ☐ Meter		<u>9.5</u>		<u>1 caustic</u>			
Filtrate API (ml/30 min)		<u>10.4</u>		<u>1 lignite</u>			
Cake Thickness 32nd in API ☒ HP-HT ☐		<u>1</u>		<u>gel for vis</u>			
Alkalinity, Mud (P _m)				<u>6 c/s hulls</u>			
Alkalinity, Filtrate (P _f /M _f)		<u>61</u>		<u>Control mud wt 9.4 g/cc</u>			
Salt ☐ ppm ☒ gpg Chloride ☐ ppm ☒ gpg		<u>3500</u>		<u>1 cm 1 g/cc</u>			
Calcium ☐ ppm ☐ Gyp (ppb)		<u>40</u>		<u>Yip in hole slow</u>			
Sand Content (% by Vol)		<u>7.0</u>		<u>* break eirc.</u>			
Solids Content (% by Vol)		<u>8.0</u>					
Oil Content (% by Vol)							
Water Content (% by Vol)		<u>82.0</u>					
L.C.M. #/bbl		<u>Reserve Pit 1400 bbls</u>					
Preservative #/bbl		<u>chlon. 23,000</u>					
		<u>ca. 960</u>					

MUD ON HAND/USED		MUD ON HAND/USED	
<u>89</u> <u>21</u>	Premium Gel	<u>1</u>	Drillpac
<u>5</u> <u>2</u>	Soda Ash	<u>95</u> <u>8</u>	C/S Hulls
<u>6</u> <u>2</u>	Caustic Soda		Multi Seal
<u>5</u> <u>1</u>	Super Lig		Cedar Fiber
<u>2</u>	Lime		Cello Flake

Thanks

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