

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

3/10/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33880

Name: Ramsey Property Management, L.L.C.

Address 1: 2932 N.W. 122nd Street, Suite 4

Address 2: _____

City: Oklahoma City State: OK Zip: 73120 + 1 9 5 5

Contact Person: Stephen E. Nichols

Phone: (405) 302-6200

CONTRACTOR: License # 30606

Name: Murfin Drilling Co., Inc.

Wellsite Geologist: Peter Debenham

Purchaser: N.A.

Designate Type of Completion:

New Well Re-Entry Workover

Oil SWD SIOW

Gas ENHR SIGW

CM (Coal Bed Methane) Temp. Abd.

Dry Other _____

(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to Enhr. Conv. to SWD

Plug Back: _____ Plug Back Total Depth _____

Commingled Docket No.: _____

Dual Completion Docket No.: _____

Other (SWD or Enhr.?) Docket No.: _____

12-30-09 1-9-10

Spud Date or Recompletion Date per oper - kcc dly Date Reached TD _____ Completion Date or Recompletion Date _____

API No. 15 - 071-20874-00-00

Spot Description: 335' FNL & 1650' FEL

NE NW NE Sec. 30 Twp. 17 S. R. 41 East West

335 Feet from North / South Line of Section

1650 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Greeley

Lease Name: Wineinger Well #: 1-30

Field Name: Wildcat

Producing Formation: N.A.

Elevation: Ground: 3730' Kelly Bushing: 3740'

Total Depth: 5250' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 519 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 519'

feet depth to: surface w/ 305 sx cmt.

Drilling Fluid Management Plan PANJ 3-2210
(Data must be collected from the Reserve Pit)

Chloride content: 5200 ppm Fluid volume: 6150 bbls

Dewatering method used: Evaporation & Dehydration

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: Stephen E. Nichols

Title: Managing Partner Date: 3/10/10

Subscribed and sworn to before me this 10 day of March

Notary Public: Sandra S. Shaver

Date Commission Expires: _____

 **SANDRA S. SHAVER**
Notary Public
State of Oklahoma
Commission # 03002518 Expires 04/15/11

KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

RECEIVED
MAR 12 2010

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Operator Name: Ramsey Property Management, L.L.C. Lease Name: Wineinger Well #: 1-30
 Sec. 30 Twp. 17 S. R. 41 East West County: Greeley

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 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: Resistivity, Neutron-Density, Microlog	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Lansing</td> <td>4229'</td> <td>-488'</td> </tr> <tr> <td>Marmaton</td> <td>4585'</td> <td>-844'</td> </tr> <tr> <td>Cherokee</td> <td>4722'</td> <td>-981'</td> </tr> <tr> <td>Morrow</td> <td>4997'</td> <td>-1256'</td> </tr> <tr> <td>Mississippi</td> <td>5156'</td> <td>-1415'</td> </tr> <tr> <td>TD</td> <td>5241'</td> <td>-1500'</td> </tr> </table>	Name	Top	Datum	Lansing	4229'	-488'	Marmaton	4585'	-844'	Cherokee	4722'	-981'	Morrow	4997'	-1256'	Mississippi	5156'	-1415'	TD	5241'	-1500'
Name	Top	Datum																				
Lansing	4229'	-488'																				
Marmaton	4585'	-844'																				
Cherokee	4722'	-981'																				
Morrow	4997'	-1256'																				
Mississippi	5156'	-1415'																				
TD	5241'	-1500'																				

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	12-1/4"	8-5/8"	24#	519'	Class "H"	305	2%CaCl, 4.2#/ex Cellflake

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input 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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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B47001



JAN 14 2010

PAGE 1 of 1	CUST NO 1003389	INVOICE DATE 01/11/2010
INVOICE NUMBER 1717 - 90217031		

Liberal (620) 624-2277

B RAMSEY PROPERTY MANAGEMENT INC
 I 2932 NW 122ND ST STE 4
 L OKLAHOMA CITY
 T OK US 73120
 O ATTN:

J LEASE NAME Wineinger #1-30
 O LOCATION
 B COUNTY Greeley
 S STATE KS
 I JOB DESCRIPTION Cement-Plug & Abandonment
 T JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40137686	27462		Net - 30 days	02/10/2010
For Service Dates: 01/09/2010 to 01/09/2010				
0040137686				
171700229A Cement-Plug & Abandonment 01/09/2010 PTA job				
60/40 POZ	300.00	EA	5.64	1,692.00 T
Calcium Chloride	564.00	EA	0.49	278.33 T
Cello-flake	71.00	EA	1.74	123.47 T
Heavy Equipment Mileage	200.00	MI	3.29	658.00 T
Blending & Mixing Service Charge	300.00	MI	0.66	197.40 T
Proppant and Bulk Delivery Charge	1,410.00	MI	0.75	1,060.32 T
Depth Charge; 2001' - 3000'	1.00	EA	846.00	846.00 T
Car, Pickup or Van Mileage	100.00	MI	2.00	199.75 T
Service Supervisor Charge	1.00	HR	82.25	82.25 T

lease of 1126.00

006 123-plugging

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 Knd CPA 449

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PLEASE REMIT TO: BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903	SEND OTHER CORRESPONDENCE TO: BASIC ENERGY SERVICES, LP PO BOX 10460 MIDLAND, TX 79702	SUB TOTAL TAX INVOICE TOTAL	5,137.52 323.66 5,461.18
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5,461.18



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 129
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 00229 A

DATE _____ TICKET NO. _____

DATE OF JOB: 1-9-10		DISTRICT: 1717		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: Ramsey Property Management				PLEASE Wireinger # 1-30				WELL NO.:	
ADDRESS:				COUNTY: Greeley		STATE: KS			
CITY:				STATE:		SERVICE CREW: R. [unclear] [unclear] - 2			
AUTHORIZED BY: J. Bennett IRB				JOB TYPE: 244-4 1/2 PTA					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED: 1-9-10 DATE: 11:30 AM PM			
28937	6					ARRIVED AT JOB: 3:30 AM PM			
27462	6					START OPERATION: 7:00 AM PM			
19615	4					FINISH OPERATION: 7:00 AM PM			
19808	2					RELEASED: 7:30 AM PM			
						MILES FROM STATION TO WELL: 100 MI			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL103	60/410 Poz	sk	300		3600.00
CL109	Calcium Chloride	lb	564		592.20
CL102	Cell-flake	lb	71		262.70
E101	Heavy Equipment Mileage	mi	200		1400.00
CE210	Blending & Mixing Service	sk	300		420.00
E113	Proppant Bulk & Delivery	ton/mi	1110		2250.00
CE203	Depth - 2001-3000	ea	1		1800.00
E100	Unit Mileage	mi	100		425.00
3003	Service Supervisor	ea	1		175.00
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SUB TOTAL \$ 5,137.52

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: <i>[Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

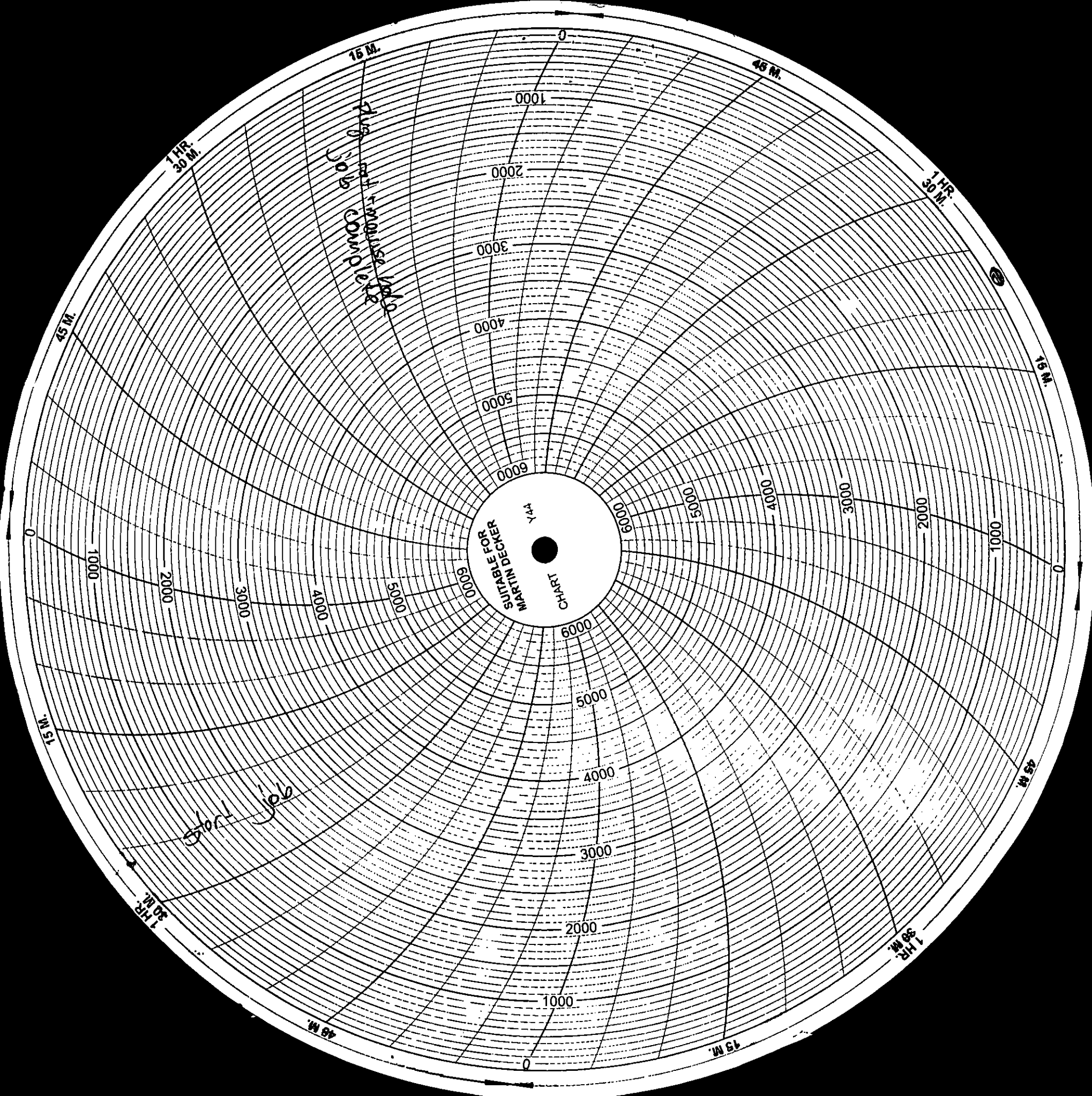
Customer: <u>Ramsley Property Management</u>	Lease No. <u>30-17-411</u>	Date: <u>1-9-10</u>
Lease: <u>Winecoper</u>	Well # <u>1-30</u>	
Field Order # <u>00229</u>	Station <u>Liberal KS - 1717</u>	Casing
Type Job <u>244-4 1/2 PTA</u>	Formation	Legal Description <u>30-17-411</u>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <u>12 1/2"</u>	Tubing Size <u>8 1/2"</u>	Shots/Ft		Acid <u>300 sks 60/410</u>	RATE <u>702 w/ 400</u>	PRESS <u>13.5</u>	ISIP # <u>14</u>
Depth	Depth	From	To	Pre-Pat <u>1.51 1 3/4 sk</u>	Max <u>13.5</u>		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
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 <u>fresh</u>	Gas Volume		Total Load

Customer Representative <u>T. Thompson</u>	Station Manager <u>J. Bennett</u>	Treater <u>A. Olvera</u>
Service Units <u>27462</u>	<u>19615</u>	<u>19808</u>
Driver Names <u>A. Olvera</u>	<u>R. Cox</u>	<u>S. Kinney</u>

Time	Casing Pressure	Tubing Pressure	Bbts. Pumped	Rate	Service Log
15:30					On loc-site assessment (circ. on btm.)
15:31					spot trucks - rig up
16:00					Safety meeting
16:25	100		10	4	circ. hole @ 2700'
16:28	100		13.5	4	dump 50 sks cmt @ 13.5#
16:32	0		31.9	3	disp balanced plug, pull d.p.
17:17	100		10	4	circ hole @ 1710'
17:20	100		21.5	4	dump 80 sks cmt @ 13.5#
17:27	0		18.7	3	disp balanced plug, pull d.p.
18:10	100		10	4	circ hole @ 570'
18:15	100		13.5	4	dump 50 sks cmt @ 13.5#
18:17	0		2.9	3	disp balanced plug, pull d.p.
18:27	100		10	4	circ hole @ 540'
18:30	100		13.5	4	dump 50 sks cmt @ 13.5#
18:33	0		4.2	3	disp balanced plug, pull d.p.
18:52	50		5	3	circ. hole @ 60'
18:55	50		5.4	3	dump 20 sks cmt @ 13.5#
18:58	0				disp balanced plug, pull d.p.
19:03	0		5.1	2	plug rat hole w/ 20 sks cmt @ 13.5#
19:05	0		5.1	2	plug more hole w/ 20 sks cmt @ 13.5#
					job complete

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1-9-10 # 00229

Ramsey Property Management

Wineinger #1-30

4½ PTA

0/47001



BASIC
ENERGY SERVICES

JAN - 6 2010

PAGE 1 of 1	CUST NO 1003389	INVOICE DATE 01/04/2010
INVOICE NUMBER 1717 - 90211223		

Liberal (620) 624-2277

B RAMSEY PROPERTY MANAGEMENT INC
 I 2932 NW 122ND ST STE 4
 L OKLAHOMA CITY
 L OK US 73120
 T
 O ATTN:

J LEASE NAME Wineinger #1-30
 O LOCATION
 B COUNTY Greeley
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

New drill well

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40135043	27462		Net - 30 days	02/03/2010
For Service Dates: 12/31/2009 to 12/31/2009				
0040135043				
171700453A Cement-New Well Casing/Pi 12/31/2009 8 5/8" Surface				
Premium Plus Cement	305.00	EA	7.66	2,336.60
Calcium Chloride	574.00	EA	0.49	283.27
Cello-flake	72.00	EA	1.74	125.21
Top Rubber Cement Plug - 8 5/8"	1.00	EA	105.75	105.75
Guide Shoe - Regular - 8 5/8"	1.00	EA	178.60	178.60
Insert Float Valve - 8 5/8"	1.00	EA	131.60	131.60
Centralizer - 8 5/8"	2.00	EA	68.15	136.30
Basket - 8 5/8"	1.00	EA	148.05	148.05
Stop Ring - 8 5/8"	1.00	EA	20.68	20.68
Heavy Equipment Mileage	200.00	MI	3.29	658.00
Blending & Mixing Service Charge	305.00	MI	0.66	200.69
Proppant and Bulk Delivery Charge	1,435.00	MI	0.75	1,079.12
Depth Charge; 0-500'	1.00	EA	470.00	470.00
Car, Pickup or Van Mileage	100.00	MI	2.00	199.75
Service Supervisor Charge	1.00	HR	82.25	82.25
Plug Container Charge	1.00	EA	117.50	117.50

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1/2/10/0
code 181 - Cement Services - surface

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,273.37
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	172.94
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	6,446.31
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

Sam

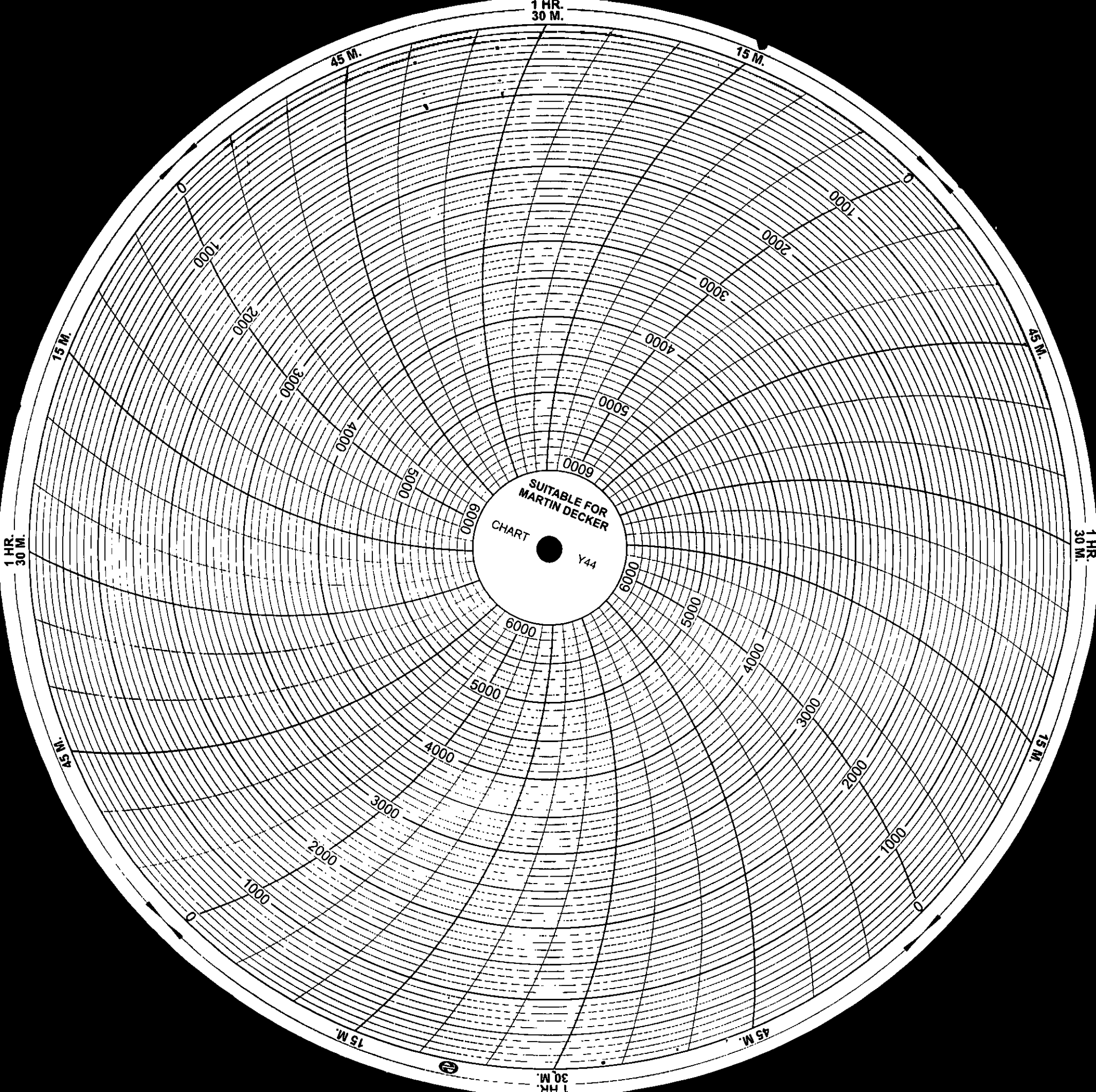
Customer <i>Ramsey Property Management</i>		Lease No. <i>1-32</i>	Date <i>12-31-04</i>	
Lease <i>Wineiner</i>		Well # <i>1-32</i>		
Field Order # <i>17162453</i>	Station <i>Liberal</i>	Casing <i>8 7/8 24"</i>	Depth <i>523</i>	County <i>Greene</i>
Type Job <i>242 Cement P.S. Surface</i>		Formation	Legal Description <i>34-12-11</i>	
State <i>K</i>				

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>8 7/8 24"</i>							
Depth	Depth	From	To	Pre Pad	Max		5 Min.
<i>523</i>							
Volume	Volume	From	To	Pad	Min		10 Min.
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

Customer Representative <i>Tim Thompson</i>	Station Manager <i>Jerry Bennett</i>	Treater <i>James Arrington</i>
Service Units <i>27462 1982x 19843 19x20</i>		
Driver Names <i>A. Owen S. Chavez J. Arrington</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1:00</i>					<i>On Loc., Pillars</i>
<i>1:05</i>					<i>S. Safety Meeting</i>
<i>1:16</i>					<i>Spot trucks</i>
<i>9:00</i>					<i>Pipe on Bottom, Curved Rig</i>
<i>9:05</i>					<i>Safety Meeting</i>
<i>9:12</i>					<i>Test liner to 2000'</i>
<i>9:15</i>	<i>100</i>	<i>-</i>	<i>10</i>	<i>4</i>	<i>Pump water Ahead</i>
<i>9:17</i>	<i>150</i>	<i>-</i>	<i>74</i>	<i>4</i>	<i>Pump 305 SK Premium Plug to 14.5'</i>
<i>9:40</i>					<i>Drip Plug</i>
<i>9:41</i>	<i>200</i>	<i>-</i>	<i>20</i>	<i>4.5</i>	<i>Start Drip</i>
<i>9:46</i>	<i>200</i>	<i>-</i>	<i>10.5</i>	<i>1</i>	<i>Reduce Rate last 10</i>
<i>9:57</i>	<i>700</i>	<i>-</i>			<i>Land Plug</i>
<i>9:58</i>	<i>0</i>	<i>-</i>			<i>Release Pressure</i>
<i>10:00</i>					<i>Rig down</i>
<i>10:30</i>					<i>Leave Loc.</i>

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12-31-09
Ramsey
8⁵/₈ Surface
Arrington/Overa

Ramsey Property Management, Inc.

Wineinger No. 1-30

Section 30, T17S, R41W

Greeley County, Kansas

January, 2010

JAN 13 2010

Well Summary

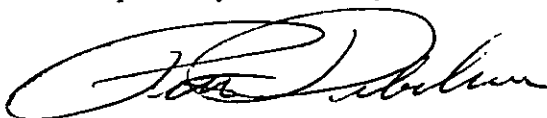
The Ramsey Property Management Inc., Wineinger No. 1-30 was drilled as a wildcat to a total depth of 5250' in 181 rotating hours and without any problems. Appreciation to Murfin Rig 21 rig hands.

The closest offset was the Mid-America Contractors, Inc., Greeley Lands 1-31 – one mile to the South. The Stone Corral Anhydrite came in 72' low relative to this offset. Formation tops from the Neva to the Mississippi ran 90' to 102' low.

No Morrow Sandstones nor hydrocarbon shows or significant gas increases were documented during the drilling of this test.

The Wineinger No. 1-30 was plugged and abandoned 1/9/10.

Respectfully Submitted,



Peter Debenham

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WELL DATA

Operator: Ramsey Property Management, Inc. 2932 N.W. 122nd St., Suite 4, Oklahoma City, Oklahoma 73120-1955, Stephen Nichols

Well: Wineinger No. 1-30, wildcat

Prospect Generators: Plainsmen Partners LLC, Dan Earl Duggan, Stephen Meese

Drilling Engineer: Tim Thomson, Crown Consulting – Liberal, KS

API No.: 15-071-20874-00

Location: 335' FNL & 1650' FEL, NE/4 NW/4, Section 30, T17S, R41W, Greeley County, Kansas – 12 miles NW of Tribune

Elevation: Ground Level 3730', Kelly Bushing 3741'

Contractor: Murfin Drilling Rig No. 21, Toolpusher Juan Tinaco, Drillers Martin Castro, Arturo Cabezos, Jose Porel, Type: Double stand, double jackknife.

Surface Owner: Thelma Wineinger - Tribune

Water & Location: Hub of Syracuse

Spud Date: 12/30/09

Total Depth: 1/8/10, Driller 5250', Logger 5241', Mississippi

Casing Program: 12 joints of 8 5/8", 17lbs/ft set at 519' with 305 sacks of Premium(2%cc, ¼ celflak), cement did circulate.

Mud Program: Service Mud Inc., Engineer Tony Maestas – Lamar, CO, Type: Chemical Gel/LCM, displaced at 3850'.

Wellsite Consultant: Peter Debenham with mudlogging trailer, Box 350, Drake, CO 80515, 720/220-4860, Petrolific@gmail.com, call depth under surface casing.

Samples: 30' to 1800'. 20' to 3600, 10' to TD. One set dry cut stored with Kansas Geological Library, Wichita.

Electric Logs: Halliburton, Engineer Sung Won Jung, 1) Array Compensated Resistivity, 2) Spectral Density/Neutron, 3) Microlog

Status: Plugged and abandoned 1/9/10.

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WELL CHRONOLOGY

8 PM

<u>DATE</u>	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>RIG ACTIVITY</u>
12/31	120'	120'	Move to location and rig up rotary tools. Dig ditches. Mix spud mud. Drill rathole and mousehole and spud in 12 1/4" surface hole to 120'.
12/31	614'	494'	To 524' and circulate. Service rig and run wiper trip and circulate. Drop survey(3/4 deg.) and trip for surface casing. Run and cement 12 joints of 8 5/8" casing set at 519' with 305 sacks Premium – did circulate. Wait on cement. Repair and replace water lines. Nipple up and test BOP. Trip in and drill plug and cement and drill new 7 7/8" hole to 614'.
1/1	2050'	1436'	Service rig and run surveys(1/2 – 3/4 deg.). Drilling ahead at 2050'.
1/2	2950'	900'	Service rig. Circulate for samples at 2705'. Surveys(2 – 1 1/2 deg.).
1/3	3505'	555'	Surveys(1 1/2 deg.). Service rig and clean suction.
1/4	3925'	420'	Service and survey(1 – 1 1/4 deg.). Displace mud system at 3851'. Drilling ahead.
1/5	4315'	390'	Survey(1 3/4 deg.). Drilling.
1/6	4760'	445'	Survey(1 deg.). Service rig and clean suction.
1/7	4995'	235'	Service rig and run survey(2 1/2 deg.). Very cold and snow.
1/8	5250'TD	255'	Service rig. Circulate for samples at 5080' and 5100'. Drill to 5250'TD and circulate. Short trip 20 stands and circulate. Drop survey(3 deg.) and circulate. Trip out for logs.
1/9	TD		Trip out and run elogs. Wait on orders and trip in and circulate. Trip out laying down and plug and abandon well. Rig down

MUD PROPERTIES

<u>DATE</u>	<u>DEPTH</u>	<u>WT</u>	<u>VIS</u>	<u>PV</u>	<u>YP</u>	<u>WL</u>	<u>pH</u>	<u>CL</u>	<u>LCM #/bbl</u>
1/2	2480'	9.5	32	4	8	n/c	7.0	79K	--
1/3	3096'	9.1	32	5	9	n/c	7.0	32K	--
1/5	4051'	8.8	48	15	18	9.6	11.0	7.2K	3
1/6	4444'	9.0	50	16	19	9.6	11.5	6.4	3
1/7	4736'	9.1	60	18	23	8.8	11.0	6.4K	3
1/8	5084'	9.2	52	17	19	8.8	11.0	5.2K	2

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DEVIATION RECORD

281' ¼, 524' ¾, 1023' ½, 1560' ¾, 2092' ¾, 2686' 2, 2812' ½, 3065' 1 ½, 3317' 1 ½,
3568' 1 ¼, 3819' 1, 4070' 1 ¾, 4321' 1, 4826' 2 ½, 5250' 3

BIT RECORD

<u>NO.</u>	<u>MAKE</u>	<u>TYPE</u>	<u>SIZE</u>	<u>OUT</u>	<u>FOOTAGE</u>	<u>HOURS</u>
1	SM	CH1GJMS	12 ¼"	524'	524'	7
2	HTC	CX22S	7 7/8"	5250'	4726'	174 1/2

Total Rotating Hours: 181 1/2
Average: 28.9 ft/hr

ELECTRIC LOG FORMATION TOPS- KB Elev. 3741'

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>*No.1 Greeley Lands DATUM</u>	<u>POSITION</u>
Surface Casing	519'			
Niobrara	in surface casing			
Ft. Hays	656'	+3085'		
Dakota	1160'	+2581'	+2621'	-40'
Cheyenne	1488'	+2253'	+2307'	-54'
Blaine	2010'	+1731'	+1791'	-60'
Stone Corral	2652'	+1089'	+1161'	-72'
Red Cave	2689'	+1052'	+1136'	-84'
Council Grove	3056'	+685'	+761'	-76'
Neva	3426'	+315'	+407'	-92'
Foraker	3496'	+245'	+336'	-91'
Admire	3560'	+181'	+271'	-90'
Pennsylvanian Virgil	3610'	+131'	+223'	-92'
Shawnee	3935'	-194'	-150'	-44'
Heebner	4106'	-365'	-273'	-92'
Lansing	4229'	-488'	-399'	-89'
BKC	4568'	-827'	-725'	-102'
Marmaton	4585'	-844'	-747'	-97'
Cherokee	4722'	-981'	-891'	-90'
Atoka	4846'	-1105'	-1009'	-96'
Morrow	4997'	-1256'	-1174'	-82'
L. Morrow LS/Keyes	5071'	-1330'	-1232'	-98'
Mississippi	5156'	-1415'	-1316'	-99'
TD	5241	-1500'		

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*Mid-America Contractors, Inc., Greeley Lands No. 1-31, C/NE/NW, Sec. 31 – 1 mile to the South,
K.B. Elev. 3751'.

LITHOLOGY DESCRIPTION

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SAMPLES ARE LAGGED
CORRECTED E-LOG FORMATION TOPS
*INDICATES HYDROCARBON SHOW

Samples run from under surface casing – no shows documented, attached mudlog

Virgil 3610'

3695- 3750 SHALE: Med to dark gray to brown redbn occasional gygn to light gray firm sbfis to blocky waxy earthy in part calcareous silty occasional grdng to SILTSTONE: Orng to redbn slightly friable firm clay cement tight no shwo interbed with LIMESTONE: Med to light brown micr fine crystalline occasional dolc and micsuc with trace intxln porosity fossils well trace moldic porosity no fluorescence no stain or cut

3750-3770 LIMESTONE: Med to light brown buff micxln micsuc dolc occasional sucrosic dolc in part fair intxln porosity no show

3770-3850 SHALE: Dk gray black brown firm fissile waxy carbonaceous occasional interbed with LIMESTONE: Med to light brown micr fine crystalline occasional dolc and micsuc with trace intxln porosity fossils well trace moldic porosity no fluorescence no stain or cut

3850-3890 LIMESTONE: Mot brown buff to tan gray micr crpxln hard dense silica argillaceous to marly in part fossils tight no fluorescence no stain or cut occasional interbed with SHALE: Gy dark gray to black firm sbfis carbonaceous

3890-3910 LIMESTONE: Lt brown buff white light gygn micr micxln micsuc in part brittle clean sbchky fossils trace intxln and vug porosity no show

Shawnee/Topeka 3935'

3910-3980 LIMESTONE: Lt brown buff tan micro to crpxln hard dense to occasional trace intxln and fine vug porosity fossils with trace moldic porosity predominant hard and tight fossils clean no fluorescence no stain or cut interbed with SHALE: Dk gray black brown firm to fissile to blocky carbonaceous calcareous with LIMESTONE: Lt brown buff micxln chalky clean fossils trace chlk filled porosity no show

3980-4010 LIMESTONE: Lt brown buff micxln to crpxln firm to hard brittle in part silica and tight in part occasional dhky clean to argillaceous fossils occasional trace intxln porosity no fluorescence no stain or cut interbed with SHALE: as above

4010-4065 LIMESTONE: Lt brown buff tan micsuc brittle clean chlky in part tight to occasional trace intxln porosity no show interbed with SHALE: Dk mottled gray black firm sbfis carbonaceous with CHRT: Gy white mlky

Heebner 4106'

4065-4110 LIMESTONE: Lt brown buff tan micsuc brittle clean chlky in part tight to occasional trace intxln porosity no show interbed with SHALE: Dk mottled gray black firm sbfis carbonaceous with CHRT: Gy white mlky

4110-4165 LIMESTONE: Mot gray to brown micr crpxln hard dense silica sbchky in part poor vis porosity no fluorescence no stain or cut interbed with SHALE: as above

4165-4190 LIMESTONE: Lt brown buff tan white fine crystalline occasional micsuc with trace intxln porosity clean fossils no show interbed with SHALE: Dk gray black firm sbfis waxy carbonaceous

Lansing 4229'

4190-4245 LIMESTONE: Mot gray buff brown crpxln hard dense silica no show with SHALE: Dk gray to brown black firm sbfis to blocky carbonaceous Tr CHRT: Brn to gray translucent mlky white hard crystalline

4245-4280 LIMESTONE: Lt brown buff micxln micsuc to sucrosic in part firm brittle clean fossils trace intercrystalline and occasional moldic porosity no fluorescence no stain or cut

4280-4305 SHALE: Dk mottled brown to gray occasional black hard blocky calcareous fossils in part with LIMESTONE: Lt brown buff micxln micsuc to sucrosic in part firm brittle clean fossils trace intercrystalline and occasional gd moldic porosity no fluorescence no stain or cut

4305-4350 LIMESTONE: Brn buff micr crpxln to micxln hard dense clean fossils occasional trace porosity no show

4350-4385 SHALE: Dk gray to black firm sbfis to blocky carbonaceous calcareous interbed with LIMESTONE: Med to dark mottled brown gray biomicr fine crystalline hard dense clean to argillaceous in part fossils carbonaceous poor vis porosity no show trace CHRT: Brn mlky gray crystalline

4385-4420 LIMESTONE: Med to light brown buff oomicr micxln to crpxln hard dense clean fossils very silica and tight in part poor vis porosity no show

4420-4440 LIMESTONE: Med to light brown buff oomicr micxln firm brittle clean fossils oolites gd oomoldic porosity trace intxln porosity no fluorescence no stain or cut

4440-4475 LIMESTONE: Med to dark mottled brown biomicr fine crystalline hard dense silica fossils carbonaceous marly in part tight to occasional trace moldic porosity no show with CHRT: as above interbed with SHALE: Dk mottled brown black firm sbfis to blocky carbonaceous calcareous

4475-4538 LIMESTONE: Dk mottled brown gray biomicr fine crystalline hard dense silica fossils oolites carbonaceous argillaceous to marly tight to occasional trace moldic porosity no show occasional interbed with SHALE: Blk dark brown firm fissile carbonaceous

4538-4545 LIMESTONE: Lt to medium mottled brown oomicr fine crystalline dense silica in part argillaceous carbonaceous very oolites well/ trace oomoldic porosity no fluorescence no stain or cut

BKC 4568'

4545-4585 SHALE: Dk brown gray gygn black firm blocky calcareous carbonaceous fossils in part with LIMESTONE: Dk gray occasional black argillaceous to marly tight no show trace CHRT

Marmaton 4585'

4585-4615 LIMESTONE: Med to dark mottled brown gray crpxln hard dense silica in part argillaceous to marly in part fossils carbonaceous tight no show interbed with SHALE: Dk brown to

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gray black hard blocky calcareous carbonaceous trace CHRT

4615-4635 SHALE: Dk brown to gray black hard blocky calcareous carbonaceous

4635-4700 LIMESTONE: Brn micr crpxln hard dense marly in part silica carbonaceous tight no fluorescence no stain or cut interbed with SHALE: Dk brown to gray black hard blocky calcareous carbonaceous trace CHRT

Cherokee 4722'

4700-4740 SHALE: Blk dark gray hard sbfis to blocky carbonaceous calcareous silty interbed with LIMESTONE: Med to dark brown gray crpxln hard dense silica argillaceous to marly carbonaceous sndy in part tight no show trace CHRT: Brn gray mlky hard crystalline

4740-4790 LIMESTONE: Mot brown gray fine crystalline to crpxln hard dense fossils carbonaceous argillaceous to marly in part silty tight no show interbed with SHALE: Dk gray black blocky carbonaceous Tr CHRT

4790-4840 LIMESTONE: Med to dark brown gray occasional black biomicro crpxln hard dense marly fossils carbonaceous pyrite in part occasional silica and very tight poor vis porosity no fluorescence no stain or cut interbed with SHALE: Blk gray fissile to blocky carbonaceous trace CHRT: Brn gray mlky hard crystalline

Atoka 4846'

4840-4900 LIMESTONE: Med to dark brown gray occasional black biomicro crpxln hard dense marly fossils carbonaceous pyrite in part occasional silica and very tight poor vis porosity no fluorescence no stain or cut interbed with SHALE: Blk gray fissile to blocky carbonaceous trace CHRT: Brn gray mlky hard crystalline

4900-4969 SHALE: Blk sbfis to blocky hard carbonaceous calcareous interbed with LIMESTONE: Mot brown occasional black biomicro crpxln hard dense clean to marly in part fossils oolites occasional trace intxln and moldic porosity no fluorescence no stain or cut trace CHRT

4969-5005 SHALE: Blk dark gray firm fissile carbonaceous with LIMESTONE: Dk brown black crpxln hard dense silica argillaceous to marly silty fossils carbonaceous tight no show trace CHRT

Morrow 4997'

5005-5025 SHALE: Blk firm fissile carbonaceous interbed with marly LIMESTONE: as above fossils silica tight no show

5025-5074 SHALE: Dk gray black firm sbfis to blocky carbonaceous slightly calcareous silty to sndy slightly glauconitic

Lower Morrow LS/Keyes 5071'

5074-5092 LIMESTONE: Mot brown biomicro fine crystalline dense sndy fossils oolites sbchky in part clean to argillaceous poor vis porosity no fluorescence no stain or cut

5092-5128 SHALE: Blk firm sbfis carbonaceous calcareous sndy in part slightly glauconitic interbed with LIMESTONE: Mot brown speck green biomicro fine crystalline dense sndy glauconitic ipfoss oolites sbchky in part clean to argillaceous poor vis porosity no fluorescence no stain or cut

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5128-5150 SHALE: Dk gray gygn to green firm sbfis waxy calcareous carbonaceous sndy and glauconitic in part occasional fossils

Mississippi 5156'

5150-5200 LIMESTONE: Med to light mottled brown buff fine crystalline sbchky in part clean to argillaceous sndy and glauconitic in part carbonaceous fossils poor vis porosity no show with SHALE: Dk gray black firm fissile carbonaceous trace CHRT

5200-5250 LIMESTONE: Mot brown buff micxln sbchky clean sndy glauconitic in part fossils poor vis porosity no fluorescence no stain or cut trace CHRT

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