

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 6113
Name: Landmark Resources, Inc.
Address: 1616 S. Voss, Ste. 150
City/State/Zip: Houston, TX 77057
Purchaser: Duke Energy Services, Inc.
Operator Contact Person: Jeff Wood
Phone: (713) 243-8550
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Paul Garlech

Designate Type of Completion:
 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: _____

Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 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. _____

12/26/05 1/08/06 1/26/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 175-22017-0000
County: Seward
NE SW Sec. 33 Twp. 34 S. R. 31 East West
1850 feet from (S) / N (circle one) Line of Section
2200 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Long Branstine Well #: 2-33
Field Name: Adobe

Producing Formation: Morrow
Elevation: Ground: 2702 Kelly Bushing: 2713
Total Depth: 6250 Plug Back Total Depth: 6201
Amount of Surface Pipe Set and Cemented at 1592 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1592
feet depth to Surface w/ 535 sx cmt.

Drilling Fluid Management Plan *ALT I w/ham*
(Data must be collected from the Reserve Pit) *6-8-07*
Chloride content NA ppm Fluid volume 0 bbls
Dewatering method used Water soaked away prior to completion
Location of fluid disposal if hauled offsite:
Operator Name: NA
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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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: *Charles Slu...*
Title: Agent Date: April 10, 2006
Subscribed and sworn to before me this 10th day of April

20 06
Notary Public: *Marsha Breitenstein*
Notary Public: MARSHA BREITENSTEIN
Date Commission Expires: 12/15/2007

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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Operator Name: Landmark Resources, Inc. Lease Name: Long Branstine Well # 2-33
 Sec. 33 Twp. 34 S. R. 31 East West County: Seward

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: Dual Induction Neutron-Density Micro-log Sonic Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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>Hebner</td> <td>4395</td> <td>-1682</td> </tr> <tr> <td>Lansing</td> <td>4540</td> <td>-1827</td> </tr> <tr> <td>Marmaton</td> <td>5242</td> <td>-2529</td> </tr> <tr> <td>Cherokee Shale</td> <td>5406</td> <td>-2693</td> </tr> <tr> <td>Morrow</td> <td>5798</td> <td>-3085</td> </tr> <tr> <td>Chester</td> <td>5950</td> <td>-3237</td> </tr> <tr> <td>RTD</td> <td>6250</td> <td></td> </tr> </table>	Name	Top	Datum	Hebner	4395	-1682	Lansing	4540	-1827	Marmaton	5242	-2529	Cherokee Shale	5406	-2693	Morrow	5798	-3085	Chester	5950	-3237	RTD	6250	
Name	Top	Datum																							
Hebner	4395	-1682																							
Lansing	4540	-1827																							
Marmaton	5242	-2529																							
Cherokee Shale	5406	-2693																							
Morrow	5798	-3085																							
Chester	5950	-3237																							
RTD	6250																								

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#	1592	Common 60-40	125/410	3%-CC, 3-CC, Cello
Production	7 7/8"	4 1/2"	10.5#	6240	AA-2	150	5# Gilsonite

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
2	5934-48, 5962-71	2000 gallons 15% NE/FE	5934-71

TUBING RECORD		Size 2 3/8"	Set At 5932	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 3/9/06		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 Bbbs. 0	Gas Mcf 750	Water Bbbs. 0	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled **5934-71**
(If vented, Submit ACO-18.) Other (Specify) _____

LONG BRANSTINE #2-33
Drill Stem Tests Attachment

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DST No. 1: Novinger

5310-39'

IFP: 48-135 **FFP:** 156-298
ISIP: 1670 **FSIP:** 1655
REC: 124' GIP, 620' GCSW

DST No. 2: Morrow – Chester

5870-6057'

IFP: 675-813 **FFP:** 526-504
ISIP: 1891 **FSIP:** 1901
REC: 300' GCM, 1545 MCFD

DST No. 3: Chester Sd

6150-6250

IFP: 74-96 **FFP:** 104-104
ISIP: 178 **FSIP:** 486
REC: 300' GCM

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FIELD ORDER

10445 ✓



INVOICE NO.	Subject to Correction		
Date 12-27-05	Lease Lang-Branstine	Well # 2	Legal 33-345-31W
Customer ID	County Seward	State KS	Station Liberal
Depth	Formation	Shoe Joint 40.90	
Casing 8 5/8"	Casing Depth 1592	TD 1592	Job Type 8 5/8" Surface (NW)
Customer Representative Kelly Wilson		Treater Kirby Harper	

CHARGE

Landmark

AFE Number	PO Number	Materials Received by X Kelly Wilson
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D201	410 SK	A Con, Liberal	-			
D205	125 SK	Liberal Liberal Class H	-			
C310	1512 lb	Calcium Chloride	-			
C194	126 lb	Cellflake	-			
F103	3 EA	Centralizers, 8 7/8"	-			
F145	1 EA	Top Rubber Plug, 8 5/8"	-			
F233	1 EA	Flapper Type Insect Float, 8 5/8"	-			
F193	1 EA	Guide Shoe, Reg, 8 5/8"	-			
F800	1 EA	Threadlock Compound Kit	-			
F123	1 EA	Basket, 8 7/8"	-			
E100	36 MI	Heavy Vehicle Mileage				
E107	535 SK	Cement Service Charge				
E104	302 TM	Proppant + Bulk delivery				
R204	1 EA	Casing Cement Pump, 1501-2000'				
R701	1 EA	Cement Head Rental				
E101	12 MI	Pickup Mileage				
Discounted Total						11,970. ¹⁶
Plus Tax						

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TREATMENT REPORT



Customer ID		Date	
Customer Landmark Resources		12-27-05	
Lease Lang-Branstine		Lease No.	Well # 2
Field Order # 10445	Station Liberal	Casing 8 5/8"	Depth 1592
Type Job 8 7/8" Surface (NW)		County Seward	State KS
Formallon		Legal Description 33-345-31W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 410 sk A Con - 3%	RATE CC - 1/4 # Cellflake	PRESS	ISIP
Depth 1592	Depth	From	To	Pre Pad 11.9# - 2.87ft ³ /sk	Max -18.4 Gal		5 Min.
Volume	Volume	From	To	Pad 125 sk Class A Class A - 2%	Min CC - 1/4 # Cellflake		15 Min.
Max Press	Max Press	From	To	Frac # 15.6 - 1.26ft ³	Avg 5.72 Gal		
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush Lipter	Gas Volume		Total Load

Customer Representative: Kelly Wilson
 Station Manager: Jerry Bennett
 Treater: Kirby Harper

Service Units	126	227	338	576	335	575
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0700					On Location
0715					Start running
0830					Casing on bottom - Break Circulation
1015	200		215	4	Start mixing 410 sk of A Con @ 11.4#
1054	200		28	4	Start mixing 125 sk of Class A @ 15.6#
1103					Shut down - drop top plug
1108	200		0	4	Start displacing
1139	300		89	2	Slow Rate
1143	300-800		99		Bump plug
1145	800-0				Release Pressure - Ebat held
			90		Circulate Cement to the Pit
					Job Complete

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FIELD ORDER

10427 ✓



INVOICE NO.	Subject to Correction		
Date 1-9-06	Well # 2-33	Legal 33-34 1/2 - 24W	
Customer ID	County 20 Ward	State KS	Station Liberal
Landmark Resources	Depth 6240	Formation	Shoe Joint 30'
	Casing 4 1/2	Casing Depth 6240	Job Type 2 1/2 Longstring
	Customer Representative Chuck Schmidt	Treasurer Chad Hine / Jerry Barst	

CHARGE

AFE Number	PO Number	Materials Received by X <i>Shannon</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D106	150gk	AA2	-			
D103	255k	60/40 POZ	-			
C195	851b	FIA-322	-			
C243	291b	Defoamer	-			
C244	361b	Cement Friction Reducer	-			
C221	4041b	Salt (fine)	-			
C311	14101b	Cal set	-			
C321	7051b	Gilsonite	-			
C320	961b	Cement gel	-			
F210	1ea	Auto Oil Float shoe 4 1/2	-			
F170	1ea	I.R. Latchdown plug & Baffle 4 1/2	-			
F100	10ea	turbolizer 4 1/2	-			
C302	500gal	Mud flush	=			
C141	9gal	CC-1	-			
E100	30mi	Heavy Veh. Mileage 1-way				
E107	1755k	Cement serv. Chrg.				
E104	1244m	Bulk Del. Chrg				
E101	15mi	Pickup Mileage				
R213	1ea	Casing Cement pump 6000' to 6500' first 4 hrs				
R701	1ea	Cement head Rental				
		Discounted Total				8,615.98

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TREATMENT REPORT



Customer ID	Date
Customer <i>Landmark Resources</i>	<i>1-9-05</i>
Lease <i>Long-Bronstine</i>	Lease No.
Well # <i>2-33</i>	County <i>Lawrence</i>
State <i>KS</i>	Formation
Field Order # <i>10427</i>	Station <i>Likoral</i>
Casing <i>4 1/2</i>	Depth <i>6240</i>
Type Job <i>4 1/2 Longstring (NW)</i>	Legal Description <i>33-345-24W</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Acid <i>150 sk AA2 10% soln</i>	RATE	PRESS	ISIP
Depth <i>6240</i>	Depth	From	To	Pre Pad <i>6% FIA322, .25%</i>	<i>10% cal soln, 5% isonite,</i>		<i>5 Min.</i>
Volume	Volume	From	To	Pad <i>150 cu ft/sk 6.4%</i>	FR <i>2% Deframer</i>		<i>15 Min.</i>
Max Press	Max Press	From	To	Frac			<i>15 Min.</i>
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>CC-1 water</i>	Gas Volume		Total Load

Customer Representative: *Chuck Schmidt* Station Manager: *Jerry Bennett* Treater: *Chad Hinz / Jerry Bennett*

Service Units	<i>126</i>	<i>227</i>	<i>115</i>	<i>335</i>	<i>576</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>18:00</i>					<i>on Loc.</i>
<i>20:00</i>					start displacement
<i>20:00</i>					<i>Rig up Casars call for trucks</i>
<i>23:40</i>					<i>start casing</i>
<i>04:05</i>					<i>Break Circulation spot trucks</i>
					<i>circulate 1hr</i>
<i>0530</i>			<i>3</i>	<i>5</i>	<i>Run 3 bbl H₂O</i>
<i>0534</i>			<i>15</i>	<i>5</i>	<i>Run 12 bbl Mudflush</i>
<i>0555</i>			<i>18</i>	<i>5</i>	<i>Run 3 bbl H₂O</i>
<i>0600</i>			<i>58</i>		<i>Mix 150 sks AA-2 cmte 15 pp9</i>
<i>0612</i>			<i>—</i>		<i>Shut down</i>
<i>0617</i>					<i>Plug rat hole & mouse hole</i>
			<i>5</i>		<i>w/ 25 sks 60.40 Paz</i>
<i>0630</i>			<i>—</i>	<i>—</i>	<i>Clear lines</i>
<i>0625</i>	<i>150</i>		<i>1</i>	<i>1</i>	<i>Start displacement</i>
<i>0645</i>	<i>1100</i>		<i>99.6</i>	<i>5</i>	<i>Plug down @ 6210'</i>
<i>0650</i>	<i>0</i>				<i>Release Float Head</i>

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