

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE
FROM

ORIGINAL

Operator: License # 32977
Name: Dorado Gas Resources LLC.
Address: 14550 East Easter Ave. Suite 1000
City/State/Zip: Englewood Co. 80112
Purchaser: _____
Operator Contact Person: John Wilson
Phone: (720) 889-0510
Contractor: Name: McGowan Drig. Inc.
License: 5786
Wellsite Geologist: Steve Tedesco

API No. 15 - 139-20,081-0000
County: Osage
_____ se 12 nw Sec. 12 Twp. 17 S. R. 16 East West
1920 feet from (N) (circle one) Line of Section
2020 feet from (W) (circle one) Line of Section

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Gray Well #: 6-12
Field Name: Wildcat
Producing Formation: Cherokee

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. _____

Elevation: Ground: 1095 Kelly Bushing: _____
Total Depth: 1575 Plug Back Total Depth: 1568
Amount of Surface Pipe Set and Cemented at 43 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
Alternate II completion, cement circulated from 1568
feet depth to surface w/ 193 sx cmt.

2-22-02 3-07-02 3-21-02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 900 ppm Fluid volume 575 bbls
Dewatering method used Evaporation
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: _____
Title: MEMBER Date: 4/22/02

Subscribed and sworn to before me this 22nd day of April, 2002

Notary Public: Harold E. Berard
HAROLD E. BERARD
Date Commission Expires: 9-25-02

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Side Two

ORIGINAL

Operator Name: Dorado Gas Resources LLC. Lease Name: Gray Well #: 6-12
Sec. 12 Twp. 17 S. R. 16 East West County: Osage

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.

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Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p style="text-align: center;">KCC</p> <p style="text-align: center;">APR 28 2002</p> <p style="text-align: center;">CONFIDENTIAL</p>	Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No		Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No		CHERDKEE GROUP	1138	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		PREVIER COAL	1228	
List All E. Logs Run:			GENERAL COAL	1268	
		SCAMMON COAL	1287		
		TEBO COAL	1307		
		TEBO 2B COAL	1318		
		WEIR FAULTS BURG COAL	1338		
		ROWE COAL	1458		
		NEUTRAL COAL	1468		
		MISSISSIPPI	1538		

CASING RECORD							
				New	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	43	Common	35	
Production	6 3/4	4 1/2	10.50	1568	50/50 poz	193	3% gel

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	60 feet	50/50 poz	20	cement fell back went in ran pipe cemented to surface

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	996-1000	Fracture	
4	1123-1128	Fracture	
4	1129-1133	Fracture	
4	1459-1463	Fracture	
4	1490-1494	Fracture	Total Sand 30,900

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
		Flowing		Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
							Gravity

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, Sumit ACO-18.) Other (Specify) _____

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CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-457-8676

RECEIVED
MAY 01 2002
KCC WICHITA

ORIGINAL

TICKET NUMBER 14409
LOCATION Ottawa
FOREMAN Alan Mader

TREATMENT REPORT

KCC

APR 28 2002

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DATE	CUSTOMER ACCT #	WELL NAME	DISTRICT	SECTION	TWP	RGE	COUNTY	FORMATION
3-13-02	2529	Gray 6-12		12	17	16	OS	
CHARGE TO <i>Dorado</i>				OWNER				
MAILING ADDRESS <i>1100 Conrad Industrial</i>				OPERATOR <i>Brent Green</i>				
CITY <i>Ludwigton</i>				CONTRACTOR				
STATE <i>Mi</i>		ZIP CODE <i>49431</i>		DISTANCE TO LOCATION <i>30</i>				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

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WELL DATA	
HOLE SIZE	<i>8 7/8 casing F 6 3/4 hole</i>
TOTAL DEPTH	<i>60'</i>
CASING SIZE	<i>4 1/2</i>
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN
<i>TOP OFF</i>	

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB

386. Alan Mader 369. Brett McMullen
164. Bill Zable 122. Harold Bechtie

JOB SUMMARY

DESCRIPTION OF JOB EVENTS *Ran 1" PVC to 60', Mixed & pumped 20 5x 50/150 p02 29gel, Circulated cement to surface. Pulled PVC out of well and topped off.*

20 5x total

Alan Mader

PRESSURE SUMMARY	
BREAKDOWN OF CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____

ALL TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

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MAY 01 2002

KCC WICHITA

TREATMENT REPORT

ORIGINAL

TICKET NUMBER 22073

LOCATION Ottawa KCC

FOREMAN Dwayne APR 28 2002

CONSOLIDATED OIL WELL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
2/22/02		Gray G-R		12	17	16	Oshage	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME LEFT LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

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WELL DATA
HOLE SIZE
TOTAL DEPTH
CASING SIZE
CASING DEPTH
CASING WEIGHT
CASING CONDITION
TUBING SIZE
TUBING DEPTH
TUBING WEIGHT
TUBING CONDITION
PACKER DEPTH
PERFORATIONS
SHOTS/FT
OPEN HOLE
TREATMENT VIA

TYPE OF TREATMENT	
<input checked="" type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

	PRESSURE LIMITATIONS	
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB Cement Surface Pipe

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Hooked on and Pumped 35 SK OWC Cement Then Displaced with 2.5 Barrel water

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
15 MIN SIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

AUTHORIZATION TO PROCEED

TITLE

DATE

TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

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CONSOLIDATED INDUSTRIAL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 316-431-9210 OR 800-467-8676

MAY 01 2002 TICKET NUMBER 14265
 KCC WICHITA LOCATION Ottawa
 FOREMAN Alan Mader

TREATMENT REPORT

KCC

APR 28 2002

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DATE	CUSTOMER A/CCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
3-7-02	2529	Gray 6-12		12	17	16	03	
CHARGE TO <u>Dorado</u>				OWNER				
MAILING ADDRESS <u>1100 Conrod Industrial Dr</u>				OPERATOR				
CITY <u>Ludington</u>				CONTRACTOR <u>McGOWAN</u>				
STATE <u>Mi</u>		ZIP CODE <u>49431</u>		DISTANCE TO LOCATION <u>20</u>				
TIME ARRIVED ON LOCATION <u>9:00 P.M.</u>				TIME LEFT LOCATION <u>10:30 P.M.</u>				

WELL DATA	
HOLE SIZE <u>6 3/4</u>	
TOTAL DEPTH <u>1575</u>	
CASING SIZE <u>7 1/2</u>	
CASING DEPTH <u>1568</u>	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
SURFACE PIPE	THEORETICAL	INSTRUCTED
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS: Established circulation. Mixed & pumped 13 bbl flush with Vogel foamer followed by 19 1/2 bbl dye marker. Mixed & pumped 976x 50/50 ppz, 69 gal followed by 96.9x OWC cement. Circulated dye to surface. Pumped 4 1/2 rubber plug to TDA of casing. Well held 700 PSI. Set float. Had very weak cement to surface.

Alan Mader

PRESSURE SUMMARY	
BREAKDOWN OF CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD MHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED [Signature] TITLE

DATE

TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.



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ORIGINAL

Finding Clean Energy for America's Future

June 6, 2002

Jim Hemmen
Kansas Corporation Commission
130 S. Market, Room 2078,
Wichita, Kansas 67202-3802

RECEIVED
JUN 10 2002
KCC WICHITA

KCC
APR 28 2002
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Re: Gray #6-12

Dear Jim:

This letter is to address the deficiencies that were found in the ACO-1 that was filed for the Grey #6-12 well.

- 1) The top for the Cherokee formation was found at 1138 feet from KB.
The top for the Mississippian formation was found at 1538 feet from KB.
- 2) The well was tested for 53 days and made 70-80 barrels of water per day, but has since been shut-in in order to evaluate the data. The water was hauled off to a licensed salt-water disposal well. Small puffs of gas were made near the end of the testing phase of our project.
- 3) We are not hooked up to a pipeline and we have not contracted a buyer at this time.
- 4) The coals that are perforated are in the Cherokee Group and are at depths of 996-1000, 1123-1128, 1129-1133, 1459-1463, and 1490-1494. These intervals were on the original ACO-1 form submitted. The coals are unnamed since there is no consistent published coal nomenclature or published mechanical logs identifying the stratigraphic position of each coal. We are working on this but we are probably months away from completing it.

I hope this answers your questions and please call me if I need to provide some additional follow-up. Thank you.

Yours truly,

Steven Tedesco

SAT\kwt

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Dorado Gas, LLC

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ORIGINAL

Finding Clean Energy for America's Future

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JUL 05 2002

KCC WICHITA

KCC

APR 28 2002

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Jim Hemmen
Kansas Corporation Commission
130 S. Market, Room 2078,
Wichita, Kansas 67202-3802

June 4, 2002
Re: Gray #6-12

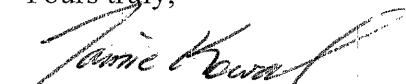
Dear Mr. Hemmen:

This letter is to address the deficiencies that were found in the ACO-1 that was filed for the Grey #6-12 well.

- 1: Cherokee Top:1138
- Bevier Coal Top:1228
- V Shale Top:1240
- Mineral Coal Top:1268
- Scammon Coal Top:1287
- Tebo Top:1307
- Tebo B Top:1318
- Weir Pittsburg Top:1338
- Abj Coal:1359
- Bbj Coal:1390
- Cbj Coal:1400
- Rowe:1458
- Neutral:1468
- Aw:1488
- Bw:1498
- Cw:1512
- Dw:1528
- Mississippian Top:1538

Please do not hesitate to call at the number listed below if you have any questions.
Thank you.

Yours truly,


Jamie Kowal

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