

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

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 **KCC**  
Phone: (720) 889-0510 **APR 28 2002**  
Contractor: Name: McGowan Drig. Inc.  
License: 5786 **CONFIDENTIAL**  
Wellsite Geologist: Steve Tedesco

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  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. \_\_\_\_\_

<u>2-11-02</u>	<u>2-15-02</u>	<u>3-20-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 139-20,083-0000

County: Osage

\_\_\_\_\_ NW NW Sec. 8 Twp. 18 S. R. 17  East  West

610 feet from  N (circle one) Line of Section

620 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE **NW** SW

Lease Name: Patterson Well #: 4-8

Field Name: Wildcat

Producing Formation: Cherokee

Elevation: Ground: 1087 Kelly Bushing: \_\_\_\_\_

Total Depth: 1522 Plug Back Total Depth: 1497

Amount of Surface Pipe Set and Cemented at 43 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1497

feet depth to surface w/ 200 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content 800 ppm Fluid volume 600 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.: \_\_\_\_\_

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APR 23 2002

**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: [Signature]

Title: MEMBER Date: 4-22-02

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

Notary Public: [Signature]  
HILDRERE DERARD

Date Commission Expires: 9-25-42

**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: Patterson Well #: 4-8
Sec. 8 Twp. 18 S. R. 17 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.

Drill Stem Tests Taken (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy)
List All E. Logs Run: ML DIL
KCC APR 28 2002
Log Formation (Top), Depth and Datum
Sample Datum
Name: CHEROKEE GROUP, BEVIER COAL, VERDIGRIS SHALE, MINERAL COAL, SCAMMON COAL, TEBO COAL, NEUTRAL COAL, MISSISSIPPI
Top: 1042, 1124, 1134, 1156, 1179, 1191, 1417, 1484
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CASING RECORD New Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose (Perforate, Protect Casing, Plug Back TD, Plug Off Zone), Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, Footage, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth

TUBING RECORD
Table with columns: 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
Other (Specify)

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MAY 01 2002

**ORIGINAL**

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

KCC WICHITA TICKET NUMBER **14490**

LOCATION Ottawa

FOREMAN Alan Mader

**TREATMENT REPORT**

DATE	CUSTOMER ACCT #	WELL NAME	OTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
2-15-02	2529	Patterson	418	8	18	17	OS	
CHARGE TO <u>Dorado Gas h.c.</u>				OWNER				
MAILING ADDRESS <u>1100 Conrad 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				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE <u>6 3/4</u>	
TOTAL DEPTH <u>1522</u>	
CASING SIZE <u>4 1/2</u>	
CASING DEPTH <u>1497</u>	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/PT	
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"/> SOLVEZE 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		

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**APR 28 2002**  
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INSTRUCTIONS PRIOR TO JOB Cement bottom 200' with OWC, top 692' with Per  
386 - Alan Mader 369 - Brett McMullen 174 - Harold Bechtel  
164 - Bill Zable 370 - Matt Mader 145 -

**JOB SUMMARY**

DESCRIPTION OF JOB EVENTS Established circulation. Mixed & pumped 15 bbl  
water with 1/2 gal soap to flush hole. Mixed & pumped  
18 bbl dye marker followed by 25.5 x 80/150 per, 69 gal.  
Mixed & pumped 115 ex OWC. Circulated dye to surface.  
Flushed pump clean. Pumped 4 1/2 rubber plug to TD  
of casing. Checked depth with wireline set float.  
Had 3 bbl cement returned.

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 NHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED Alan Mader TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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MAY 01 2002

KCC WICHITA

TICKET NUMBER 16078

LOCATION *Chilawa, Ka*



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CONSOLIDATED OIL WELL SERVICES  
AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720  
820-431-9210 OR 800-457-8676

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
2-11-02	2529	<i>Patterson #48</i>		8	18	17	OS	
CHARGE TO	OWNER							
<i>Dorado Gas LLC</i>								
MAILING ADDRESS	OPERATOR							
<i>1100 Conrod Industrial</i>	<i>McGowan Dallas</i>							
CITY & STATE	CONTRACTOR							
<i>Wichita, KS 67201</i>								

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	<i>one</i>	PUMP CHARGE <i>Cement One Surface</i>		525.00
5402	<i>43'</i>	<i>Carry Charge</i>	.14	6.02
1118	1 cu	<i>Premium Gravel</i>		11.00
1102	2	<i>Calcium Chloride</i>	340.00	680.00
5407	<i>min</i>	BLENDING & HANDLING		190.00
		TON-MILES		
		STAND BY TIME		
		MILEAGE		
5402	<i>2 1/2</i>	WATER TRANSPORTS	70.00	175.00
		VACUUM TRUCKS		
		FRAC SAND		
1104	<i>35 cu</i>	CEMENT <i>Class A</i>	9.20	322.00
			6.4% SALES TAX	25.28
5407	<i>min</i>			
ESTIMATED TOTAL				<del>1323.54</del>

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

*Jim Green*

DATE 2-11-02

CUSTOMER or AGENT (PLEASE PRINT)

177081