

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5278 **CONFIDENTIAL**

Name: EOG Resources, Inc.

Address 20 N. Broadway, Suite 800

City/State/Zip Oklahoma City, OK 73102

Purchaser: Duke Energy Field Services

Operator Contact Person: Roy Porter

Phone (405) 239-7823

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: _____

Designate Type of Completion 10-19-00

- New Well Re-Entry Workover
- Oil SWD SLOW Temp. Abd.
- Gas ENHR SIGW
- Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

- Deepening Re-perf. Conv. to Inj/SWD
- Plug Back PBTB
- Commingled Docket No. _____
- Dual Completion Docket No. _____
- Other (SWD or Inj?) Docket No. _____

7-26-00 8-8-00 8-10-00
 Spud Date Date Reached TD Completion Date

API NO. 15- 025-212130000

County Clark

E/2 - E/2 - SW - Sec. 7 Twp. 35S Rge. 25 E W

1320 Feet from S/W (circle one) Line of Section

2310 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: KCC
NE, SE, NW or SW (circle one)

Lease Name Theis '71 Well # 4 OCT 9 2000

Field Name McKinney

Producing Formation Chester & Morrow **CONFIDENTIAL**

Elevation: Ground 2186 KB 2191

Total Depth 6350 PBTB _____

Amount of Surface Pipe Set and Cemented at 810 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 11-1-00 SK
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: **RELEASED**

Operator Name DEC 19 2001

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

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 on 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.

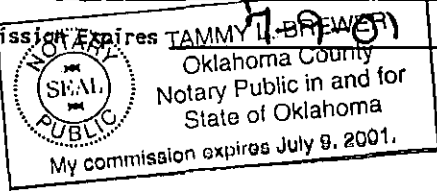
Signature Jim Redman

Title Project Production Engineer Date 10/11/2000

Subscribed and sworn to before me this 16 day of October 2000

Notary Public Tammy L Brewer

Date Commission Expires TAMMY L BREWER



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

X

Operator Name EOG Resource, Inc.

SIDE TWO

Lease Name Theis '17' Well # 4

Sec. 7 Twp. 35S Rge. 25

East
 West

County Clark

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

Compensated Neutron Density/GR
Microlog
Phasor Induction

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Base Heebner Shale	4521'	2192' (KB)
Toronto	4530'	"
Lansing	4665'	"
Morrow	5919'	"
Chester	5983'	"

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#	807	Midcon II Premium Plus	150	2% cc, 1/4# Flosea
Cement did not circulate. 1" @ 125' w/75 sks Premium Plus, 2% cc, did not fill; wait 2 hrs, 1" w/100 sks Premium Plus, did not fill; 1" @ 50' w/100 sks Premium Plus, did not fill, 1" @ 30' w/75 sks Premium Plus, cement did fill to cellar.							
Production	7 7/8"	4 1/2"	10.5#	6350	Lead cement	50	tail cement 170

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
4	6083'-6103', Chester	20,000 gals 15# gel, 27,000 gals	
4	6056'-6066', Chester	30# gel, 28,000 gals 15% HCL	
4	5968'-5972', Morrow		

TUBING RECORD Size 2 3/8" Set At 5947' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 9/25/2000 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 0 Bbls. Gas 574 Mcf Water 26 Bbls. Gas-Oil Ratio N/A Gravity _____

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled Chester
 Other (Specify) _____ Morrow



HALLIBURTON

CONFIDENTIAL

JOB SUMMARY

ORDER NO. 7006

TICKET #

770680

ORIGINAL

TICKET DATE

7-27-00

REGION North America	NW/COUNTRY MID CONTINENT	BDA / STATE KS	COUNTY CLARK
MBU ID / EMP # MCL 10104 105848	EMPLOYEE NAME John Woodrow	PSL DEPARTMENT ZONAL ISOLATION	
LOCATION LIBERAL KS	COMPANY E.O.G. RESOURCES KCO	CUSTOMER REP / PHONE DAN WEBSTER 1-405-574-2714	
TICKET AMOUNT \$6987.35	WELL TYPE 01	API / UWI #	JOB PURPOSE CODE OIO
WELL LOCATION ENGLEWOOD	DEPARTMENT CEMENT	JOB DATE 007 0 - 21	
LEASE / WELL # THEIS 7 #4	SEC / TWP / RING 7-35-S-25W	CONFIDENTIAL	

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
J. Woodrow 105848							
A. Zimmerman 202876							
G. Humphries 106085							
S. Houchell 106848							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420621/016	140						
54219/59289	140						
54225/75821	70						
54225/75821	70						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar INSERT 8 7/8	1	H
Float Shoe		
Guide Shoe REG 8 7/8	1	O
Centralizers S-4 8 7/8	4	
Bottom Plug		W
Top Plug S-W 8 7/8	1	
Head P/C 8 7/8	1	C
Packer		
Other		O

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
7-27-00	0700	1100	1442	7-28-00 0830

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	24#	8 7/8	KB	810	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				JOB PROGRESS
				SEE JOB LOG.
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED _____ Avail. _____ Used _____

AVERAGE RATES IN BPM

TREATED _____ Disp. _____ Overall _____

FEET 42 _____ CEMENT LEFT IN PIPE _____ Reason SHOCK JOINT

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	150	Pt Midcon	B	28 CC 1/4" FLOSOLE	DEC 19 2001	3.20 11.1
	150	Pt	B	28 CC 1/4" FLOSOLE		1.32 14.8
	75	Pt	B	28 CC		1.32 14.8
	100	Pt	B	28 CC		1.32 14.8
	100	Pt	B	28 CC		1.32 14.8

Circulating 50 Pt	Displacement	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp (BBI) - Gal 48.8
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal (BBI) 85.420	357.0
		Total Volume Gal - BBI _____	

Frac Ring #1 _____ | Frac Ring #2 _____ | Frac Ring #3 _____ | Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE _____



HALLIBURTON CONFIDENTIAL

ORIGINAL

JOB LOG

ORDER NO. 7006

TICKET #

770680

TICKET DATE

7-27-01

REGION North America	NW/COUNTRY Mid Continent	BDA / STATE K	COUNTY CLARK
MBU ID / EMP # 71-1, For 34 105842	EMPLOYEE NAME John G. Anderson	PSL DEPARTMENT ZONA REGULATION	
LOCATION 1.1191 K3	COMPANY E.O.S. SERVICES KCO	CUSTOMER REP / PHONE DAN WEBSTER 1-405-371-2714	
TICKET AMOUNT \$1,117.50	WELL TYPE 21	API / UWI #	JOB PURPOSE CODE 010
WELL LOCATION THESIS 17 #4	DEPARTMENT Cement	OCT 0	
LEASE / WELL #	SEC / TWP / RNG 7-53-250	CONFIDENTIAL	

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
J. Anderson 105842							
A. Thompson 105871							
C. Humphries 106085							
S. Howell 106940							

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0700							JOB READY NOW
	0700							CALLED OUT FOR JOB
	1100							PUMP TRUCK ON LOCATION - FLUR PRE JOB SITE ASSESSMENT - SPOT EQUIPMENT - RIG UP RIG HAS 810' OF 12 1/4" HOLE CUT ON BOTTOM CIRCULATING
	1130							TRIP OUT DRILL PIPS
	1300							START RUNNING 878 GSG + FLT EQUIPMENT CASING ON BOTTOM HOOK UP 8 1/2" PIG + CIRCULATING IRON
	1430							START CIRCULATING WITH RIG PUMP THROUGH CIRCULATING - HOOK UP TO PUMP TRUCK
	1440							JOB PROCEDURE
	1442					1000		TEST PUMP + LINES
	1445	6.0	85.5			900		START MIXING 150 SKS L-G AT 11.1 ^{CF} /GAL
	1500	6.0	35.0			150		START MIXING 150 SKS T.G. AT 14.8 ^{CF} /GAL
	1508							THROUGH MIXING CMT - SHUT DOWN
	1515		500					RELEASE PLUG - START DISPLACING PLUG DOWN - RELEASE FLOAT - FLOAT HELD DID NOT CIRCULATE CMT, LOST FLUID DOWN CELLAR ORDER OUT 350 SKS CMT + 200' OUT IN WELL BULK CMT ON LOCATION
	1530							RUN 150' OF ONE INCH TAGGED OUT
	2030							MIX 75 SKS CEMENT
	2100							FLUID LEVEL COMING UP TO TOP - BROKE BACK CANNOT SEE FLUID - SHUT DOWN
	2200	2.0	17.5			1900		WAIT 2 HRS ON CMT
	2230							RUN 125' OF ONE INCH
	0400		240					MIX 100 SKS CMT - GOT ABOUT 10' OF FILL
	0415	2	24.0			300		WAIT 3 HRS
	0700							MIX 50 SKS CMT - CIRCULATE TO SURFACE

JOB COMPLETE,
THANK FOR CALLING HALLIBURTON
WOODY + CREW



HALLIBURTON CONFIDENTIAL

ORIGINAL

JOB LOG

ORDER NO. 70061

TICKET #	777653	TICKET DATE	5-9-00
REGION	North America	BDA / STATE	KS
MBU ID / EMP #	11111111	EMPLOYEE NAME	Tyce, 11/11/03
LOCATION	...	PSL DEPARTMENT	ZP
TICKET AMOUNT	...	CUSTOMER REP / PHONE	1111 11111111 KCC
WELL LOCATION	...	DEPARTMENT	ZP
LEASE / WELL #	1111 754	SEC / TWP / RMP	7-35-23
WELL TYPE		API / UWI #	...
JOB PURPOSE CODE		OCT 01 2000	

CONFIDENTIAL

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
Tyce 11/11/03	13 1/2						
...	20723						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Top	Case	
	0530							Called out for job.
	0700							on loc. Kit L.M.D.P.
	0930							out of hole 110' Kit up logs
	1015							start 4 1/2 csh & R.E.
	1120							brk circ 50 JPS m.
	1145							Run csh
	1235							brk circ 100 JPS m.
	1300							Run csh
	1351							csh on base hook 4 1/2 c. ccirc from
	1358							brk circ 100 JPS
	1405							cut to pit
	1744							Three circ hook from to pit.
	1757							pit test iron
	1800	6.0	79					250 pump susp ptm at 11.1'
	1805	6.0	49.5					120 pump 1700 ptm 194 12.0'
	1819	0						0 Shut down drop ptm
	1824	8.0	100.2					100 pump disp
	1835	6.0	100.2					70 bbls in left cont
	1838	2.0	100.2					460 90 bbls in 510 rate.
	1843	2.0	100.2					600 100/1000 ptm
	1844	0	100.2					1000 Release float - HELD.
	1900							job over
								Thank for colink H.E.S.
								Tyce slot is crew

RELEASED

DEC 19 2001

FROM CONFIDENTIAL



HALLIBURTON

ORIGINAL

JOB SUMMARY

ORDER NO. 70006

TICKET # **799653** TICKET DATE **8-9-00**

REGION **North America** NW/COUNTRY **USA** BDA / STATE **KO.** COUNTY **Clark.**

MBU ID / EMP # **MLL0103** EMPLOYEE NAME **Tyce Davis** PSL DEPARTMENT **ZF** KCC

LOCATION **Liberal** COMPANY **EOG/KO** CUSTOMER REP / PHONE **Don Webster**

TICKET AMOUNT WELL TYPE **01** API / UMI # **OCT 04 2000**

WELL LOCATION **Land. W. Englewood** DEPARTMENT **ZF** JOB PURPOSE CODE **035** **CONFIDENTIAL**

LEASE / WELL # **Thers 7#4** SEC / TWP / RANG **7-35-25**

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
T. Davis 106204	02						
J. Fuller 207238	1						
C. Humphreys 106085	1						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
54218-78202	140						
54225-75221	70						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar SSB 4 1/2	1	H
Float Shoe SSB	1	
Guide Shoe		0
Centralizers FM	22	
Bottom Plug		W
Top Plug SW	1	
Head SW	1	C
Packer		
Other comp	1	0

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	Qty.
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	8-9-00	8-9-00	8-9-00	8-9-00
TIME	0530	0800	1700	1900

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing N	10-5	4 1/2	KB	6353	
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole					SHOTS/FT.
Perforations					
Perforations					
Perforations					

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
		RELEASED		Cont
		DEC 19 2001		4 1/2
				2.5
TOTAL		TOTAL		

FRONT CONFIDENTIAL

ORDERED	HYDRAULIC HORSEPOWER	Used
	Avall.	
TREATED	AVERAGE RATES IN BPM	Overall
	Disp.	
FEET	CEMENT LEFT IN PIPE	Reason
45		S.T

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	50	PFMC	B.	.32 FWCA, 10% Gypsum	3.28	11.1
1	170	PFMC	B.	.75% FWCA, 5% Gypsum, 10% Gypsum, .5% Hulsol	1.64	13.8

Circulating Breakdown	Displacement Maximum	Preflush: Gal - BBI	Type
Average	Frac Gradient	Load & Bkdn: Gal - BBI	Pad: BBI - Gal
Shut In: Instant	5 Min	Treatment: Gal - BBI	Disp: (BB) - Gal 100.2
	15 Min	Cement Slurr: Gal (BBI) 296.6	49.5 FC
		Total Volume: Gal - BBI	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE **Don Webster**