

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32606
Name: Devon Energy Production Co., LP
Address: 20 N. Broadway, Suite 1500
City/State/Zip: Oklahoma City, OK 73102
Purchaser: ONEOK
Operator Contact Person: Cathy S. Roark
Phone: (405) 552-4527
Contractor: Name: Murfin Drilling
License: 30606
Wellsite Geologist: GeoDynamics Well Logging

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Al.
 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. _____
06/13/00 06/17/00 09/10/00
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15-081-21311-0000
County: Haskell
-C-SW Sec. 16 Twp. 27 S. R. 32 East West
1250 feet from S N (circle one) Line of Section
4030 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Eubank M.H. F Well #: 2
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 2872 Kelly Bushing: 2883
Total Depth: 2900 Plug Back Total Depth: 2868
Amount of Surface Pipe Set and Cemented at 465 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 408 Feet
If Alternate II completion, cement circulated from 465 feet depth to Surface w/ 190 sx cmt.

Drilling Fluid Management Plan ALT #2 KGR 8/13/07
(Data must be collected from the Reserve Pit)
Chloride content 24,000 ppm Fluid volume 2000 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.: _____

OCT 25 2000
RECEIVED
STATE CORPORATION COMMISSION
Wichita, Kansas

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: Cathy S. Roark
Cathy S. Roark
Title: Engineering Tech Date: 10/20/00
Subscribed and sworn to before me this 20 day of October, 2000
Notary Public: [Signature]
Date Commission Expires: 2-3-02

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

Operator Name: Devon Energy Production Co., LP Lease Name: Eubank MH F Well #: 2

Sec. 16 Twp. 27 S. R. 32 East West County: Haskell

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 type="checkbox"/> Yes <input checked="" 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: Gamma Ray - Litho Density Array Induction Micro Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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	# Sacs Used	Type and Percent Additives
Surf	12 1/4	8 5/8	24	465	MidCon Prem	190	1/4# Flocele
Prod	7 7/8	4 1/2	11.6	2900	MidCon II	365	1/4# Flocele

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	2,766-74' - 8'	250 gals. 7.5% FE Acid plus 25 Ball Sealers	
2	2,726-30', 2,714-18', 2,692-96' 2,658-62'	1500 gal 7.5% FE acid plus 50 ball sealers. 40,000 gal Delta Frac plus 65,500# 12/20 sand, plus 24,000# AcFrac CR-4000	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	3016	NA	

Date of First, Resumerd Production, SWD or Enhr. <u>9/28/00</u>	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 Bbls. <u>0</u> Gas Mcf <u>25</u> Water Bbls. <u>30</u> Gas-Oil Ratio _____ Gravity _____

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Sumit ACO-18.) Other (Specify) _____

METHOD OF COMPLETION Production Interval

REGION North America	NWA/COUNTRY MID CONTINENT	BDA / STATE KS	COUNTY HASKELL
MBU ID / EMP # MCL 10104 105848	EMPLOYEE NAME John Woodrow	PSL DEPARTMENT ZONAL ISOLATION	
LOCATION LIBERAL, KS	COMPANY DEVON ENERGY CORP.	CUSTOMER REP / PHONE TOMMY DISKER 629-0257	
TICKET AMOUNT \$7359.60	WELL TYPE 02	API / UWI #	ORIGINAL
WELL LOCATION N-SUBLETT	DEPARTMENT CEMENT	JOB PURPOSE CODE 035	
LEASE / WELL # EUBANK # 2	SEC / TWP / RNG 16-29S-32W		

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							
G. HUGHRIES 106095							
K. MOUSER 204454							

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 P/L	70						
54219/ 78299	70						
54029/ 6612	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 557 4 1/2	1	H
Float Shoe		
Guide Shoe REG 4 1/2	1	O
Centralizers S-41 4 1/2	6	
Bottom Plug		W
Top Plug S-4 4 1/2	1	
Head P/O 4 1/2	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 _____		

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	6-17-00	6-17-00	6-17-00	6-17-00
TIME	2400	0300	1142	1230

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	116	4 1/2	10' 18"	2910	
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 PROCEDURE SEE JOB LOG
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER
 Avail. _____ Used _____
AVERAGE RATES IN BPM
 Disp. _____ Overall _____
CEMENT LEFT IN PIPE
 Reason **SHOT TOWER**

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GA
	230	pt midcon B	B	28 C.C. 1/4 FLOCCULE	3.22	11.1
	135	pt midcon B	B	29 C.C. 1/4 FLOCCULE DENSIFIED	1.85	13.2

Circulating _____	Displacement _____	Prerflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI Gal 444
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - BBI 132 LC	45 T. E
		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 *[Signature]*

ORIGINAL

REGION North America	NW/COUNTRY USA	BDA/STATE TX
MBU ID/EMP#	EMPLOYEE NAME	PSL DEPARTMENT
LOCATION	COMPANY	CUSTOMER REP / PHONE
BOOKET AMOUNT	WELL TYPE	API / UWI #
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE
LEASE / WELL #	SEC / TWP / RNG	

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

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psf)		JOB DESCRIPTION / REMARKS
				T	C	T _{bg}	C _{eg}	
	0700							JOB READY
	1200							CALL OUT FOR JOB
	0300							PUMP TRUCK + BULK CMT ON LOCATION HAVE PRE-JOB SITE ASSESSMENT - SPOT EQUIPMENT RIG UP
	0300							RIG TRIP DRILL PIPE IN HOLE LAY DOWN DRILL PIPE
	0800							START RUNNING 4 1/2" CSC + FLT EQUIPMENT CASING ON BOTTOM 2910'
	0930							HOOK UP 4 1/2" PIC + CIRCULATING IRON START CIRCULATING WITH RIG PUMP WAIT ON ORDERS THROUGH CIRCULATING - HOOK UP TO PUMP TRUCK
	1142							JOB PROCEDURE
	1145	6.0	127				2000	TEST PUMP + LINES
	1204	6.0	45				2280	START MIXING 230 SKS LEAD CMT AT 11.1 MG/GAL
							250	START MIXING 135 SKS TAIL CMT AT 13.2 LB/CAL
	1212							THROUGH MIXING CMT - SHUT DOWN WASH OUT PUMP + LINES RELEASE PLUG
	1213	6.0					2900	START DISPLACING HAVE 34 BBLs OUT HAVE CMT RETURN TO SURFACE
							2920	MAX LIFT PRESSURE 650 BEFORE LANDING PLUG
	1230		45.0				1280	PLUG DOWN / RELEASE FRONT FRONT HELD CIRCULATED 10 BBLs 17 SKS TO PIT
								THANK YOU FOR CALLING HALLIBURTON WOODY + CREW

REGION North America	NWA/COUNTRY MID-CAN	BDA / STATE KS	WELL # HASKELL
MBU ID / EMP # MEMBU0109 105824	EMPLOYEE NAME A.D. SCHROEDER	PSL DEPARTMENT ZI	ORIGINAL
LOCATION WAMPA 72	COMPANY DEVON ENERGY CORP	CUSTOMER REP / PHONE TOMMY DIEBORN	
TICKET AMOUNT 4683.37	WELL TYPE GAS	API / UWI #	
WELL LOCATION VISIBLETTE KS	DEPARTMENT ZI	JOB PURPOSE CODE 8 5/8 SURF	
LEASE / WELL # SUBANKS 2	SEC / TWP / RNG		

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
SCHROEDER 105824 4	OSBY 106007 2	EARLS 191251 5	

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420622	70						
53777-78324	70						
52938-75821	70						

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

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
6-13	18:30	6-14	02:40	6-14
			00:15	03:15

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guida Shoe	1	HOWCO
Centralizers	4	
Bottom Plug LIMIT LAMP	1	
Top Plug	1	
Head	1	
Packer IFAF	1	
Other		

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	24	8 5/8	0	465	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT
Perforations						
Perforations						
Perforations						

MATERIALS

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

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				CIR 5 BBIS CMT TO DIT
TOTAL		TOTAL		

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GA
9D		MIDLOW IFAF	B	3% CL 1/4" #4 FLOCER 1% FWCA	2.96	11.4
10D		PP	B	2% CL 1/4" #4 FLOCER	1.34	14.8

Circulating Breakdown	Displacement Maximum	Fract Gradient	Shut In: Instant	5 Min	15 Min	Preflush: Gal - BBI	Load & Bkdn: Gal - BBI	Treatment: Gal - BBI	Cement Slurr: Gal - BBI	Total Volume: Gal - BBI	Type	Pad: BBI - Gal	Disp: BBI - Gal
													27

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE: *[Signature]*

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

REGION North America	NW/COUNTRY MID-CO	BDA / STATE KS	COUNTY HASKELL
MBU ID / EMP # MLMB40109 105824	EMPLOYEE NAME A. D. SCHROEDER	PSL DEPARTMENT 2I	ORIGINAL
LOCATION PAMPA TX	COMPANY DEVON ENERGY CORP	CUSTOMER REP / PHONE TOMMY	
TICKET AMOUNT 4683.87	WELL TYPE GAS	API / UWI #	
WELL LOCATION 1/SUB16778 2J	DEPARTMENT 2I	JOB PURPOSE CODE 8 5/8 SURF	
LEASE / WELL # EU BANK 2	SEC / TWP / RNG		

YES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	YES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	YES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	YES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
SCHROEDER 105824	4	OSBY 106007	2	EARLS 191251	5		

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psig)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
6-13	1830							CAUSED OUT
	2200							IN LIBERAL - LOAD HEAD + PUT EQUIP
6-14	0015							ON LOC - W. O. H.
	0045							START CSL
	0145							CIR ON BOTTOM
	0200							P.T. ON LOC
	0240	5	48			90		MIX LEAD CNT
	0252	5	24			175		MIX TAIL CNT
	0300					2		DROP TOP PLUG
	0302	5.5				125		START DISPLACEMENT
	0307	2				93		SLOW RATE DOWN
	0311		27			730		LAND PLUG - FLT HOLDING
	0315							JOB COMPLETE - 5.885 CNT TO PIT

J. Frank