

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. Abn.
 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>06/29/00</u>	<u>07/03/00</u>	<u>09/10/00</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 055-21679-0000
 County: Finney
 _____ E-NE Sec. 29 Twp. 22S. R. 34 East West
4030 feet from N (circle one) Line of Section
1250 feet from W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Oltmann Well #: 2
 Field Name: Hugoton
 Producing Formation: Chase
 Elevation: Ground: 2957 Kelly Bushing: 9
 Total Depth: 2800 Plug Back Total Depth: 2760
 Amount of Surface Pipe Set and Cemented at 273 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 273
 feet depth to Surface w/ 120 sx cmt.

Drilling Fluid Management Plan ALT 2 9# 12-15-00
 (Data must be collected from the Reserve Pit)
 Chloride content 23000 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.: _____

STATE CORPORATION COMMISSION RECEIVED

OCT 30 2000

CONSERVATION DIVISION
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
 Title: Engineering Technician Date: 10/26/00
 Subscribed and sworn to before me this 26th 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

X

Operator Name: Devon Energy Production Co., LP Lease Name: Oltmann Well #: 2

Sec. 29 Twp. 22 S. R. 34 East West County: Finney

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: Array Induction Compensated Neutron Gamma Ray	<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
Surface	12 1/4	8 5/8	24	273	Prem Plus	120	Midcon 3% 1/3# 1% Flocele
Production	7 7/8	4 1/2	11.6	2796	Midcon 2% Prem	365	2% CaCl + 1/4# Flocele Tailed w/2% Prem + 2% CaCl

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 <i>(Amount and Kind of Material Used)</i>		Depth
	2	2,575-2,579'	4'	Frac w/1500 gals. 7.5% FE Acid w/40 1.3 balls & 30 Bbls. Treated Water. Pumped 43,795 gal. linear gel w/ 50,820 # 12/20 prop. & 30,000# 12/20 AcFrac.	
2	2,508-2,514'	6'			

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	2,503		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. 9/20/00	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. -0-	Gas Mcf 130	Water Bbls. 10	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 2575'-2579'
2508'-2514'

North America		NEW ACCOUNT	BDA / STATE	COUNTY
MBU ID / EMP #		EMPLOYEE NAME	ORIGINAL FINNEY	
MCL 10104 105848		JOHN WOODROW	ZONAL ISOLATION	
LOCATION		COMPANY	CUSTOMER REP / PHONE	
LIBERIA KS		DEVON ENERGY CORP	TOMMY DISKER 314-629-0257	
TICKET AMOUNT		WELL TYPE	API / UWI #	
		02		
WELL LOCATION		DEPARTMENT	JOB PURPOSE CODE	
HOLCOMB KS		CEMENT	010	
LEASE / WELL #		SEC / TWP / RANG		
GLTMANN # 2		29-22S-34W		

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	5.5						
R. FRANCIS 106154	5.5						
E. BALINGER 106944	5.5						

HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES
42021/910	160						
54219/58299	160						
54015/6610							

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 Gellar Tussert 5 1/2	1	H
Float Shoe		
Guide Shoe RDC 5 1/2	1	O
Centralizers 5.4 5/8	4	
Bottom Plug		W
Top Plug 5 1/2 8 1/4	1	
Head R/C		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
TIME	6:29:00	6:29:00	6:30:00	6:30:00
	2000	2300	0311	0330

WELL DATA						
	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	U	24"	8 1/4	KB	272	
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		

ORDERED	HYDRAULIC HORSEPOWER	
	Avail.	Used
TREATED	AVERAGE RATES IN BPM	
	Disp.	Overall
FEET 36	CEMENT LEFT IN PIPE	
	Reason	SHOE JOINT

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	45	pr midcon	B	39 CC 1/4 FUGGLE 1.8 FUGA	2.96	11.4
	75	pt	B	28 CC 1/4 FUGGLE	1.32	14.8

Circulating Breakdown	Displacement	Preflush:	Gal - BBI	Type
Average	Maximum	LoaJ & Bkdn:	Gal - BBI	Pad: BBI - Gal
Shut In: Instant	Frac Gradient	Treatment	Gal - BB	Disp: BBI - Gal 15.0
	5 Min	Cement Slurr	Gal (BB) 23.7 LC 19.6 FC	
	15 Min	Total Volume	Gal - BB	

North America		BOA / STATE KS	COUNTY Finney
MBU ID / EMP # ML270101 106322	EMPLOYEE NAME D. McLane	PSL DEPARTMENT ZZ	ORIGINAL
LOCATION Liberal	COMPANY Devon Energy Corp	CUSTOMER REP / PHONE T. DISENER 629-0257	
TICKET AMOUNT 7838.81	WELL TYPE 02	API / UWI #	
WELL LOCATION Halconb	DEPARTMENT ZZ	JOB PURPOSE CODE 035	
LEASE / WELL # OLT main 2	SEC / TWP / RANG 29 22S 34W		

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
D. McLane 106322	J. Shanley - Taper		
J. Jackson 186624			
B. Suller 202238			
K. Ballinger 106944			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420995	70						
54038-72941	70						
54225-75821	30						
62947-6612	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
	7-3-00	7-3-00	7-3-00	7-3-00
TIME	0900	0730	1258	1400

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar 5 1/2	1	H
Float Shoe		
Guide Shoe Reg 4 1/2	1	O
Centralizers Reg 4 1/2	6	
Bottom Plug		W
Top Plug 5 1/2	1	
Head PIC 4 1/2	1	C
Packer		
Other Clamp 4 1/2	1	O

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW.
Casing N	11.6	4 1/2	20	2796	
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole					SHOTS/FT.
Perforations					
Perforations					
Perforations					

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
VE Agent	Gal.	in
Fluid Loss	Gal/Lb	in
Gelling Agent	Gal/Lb	in
Fract. Red.	Gal/Lb	in
Breaker	Gal/Lb	in
Sticking Agent	Gal/Lb	
Surfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
7/3	7.5	7/3	12.5	See Job Log
TOTAL	7.5	TOTAL	12.5	

ORDERED	HYDRAULIC HORSEPOWER	Used
	Avail.	
TREATED	AVERAGE RATES IN BPM	Overall
	Disp.	
FEET 36	CEMENT LEFT IN PIPE	Reason Shoc Joint
	Reason	

CEMENT DATA

TAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	25	Mid Con PT	B	270 CC 1/4" Slacole	1.32	14
	230	Mid Con PT	B	270 CC 1/4" Slacole	3.22	11.1
	135	Mid Con PT	B		1.84	13.2

Circulating Breakdown	Displacement Maximum	Preflush: Gal - BBI	Type
Average	Frac Gradient	Load & Bkdn: Gal - BBI	Pad: BBI - Gal
Shut In: Instant	5 Min 15 Min	Treatment Gal - BBI	Disp: BBI - Gal 42.8
		Cement Slurr Gal - BBI 201.518	h.c. 132 T.C. 44
		Total Volume Gal - BBI	

3/8" Ring #1 3/4" Ring #2 1 1/2" Ring #3 2" Ring #4

THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE *[Signature]*

MRB ID / EMP # M1571071 106722	EMPLOYEE NAME D. M. Lane	PSL DEPARTMENT 25 ORIGINAL
LOCATION Liberal	COMPANY Devcon Energy Corp	CUSTOMER REP / PHONE T. DISEKER 629-0257
TICKET AMOUNT 7838.91	WELL TYPE 02	API / UWI #
WELL LOCATION # 11.10.16	DEPARTMENT 25	JOB PURPOSE CODE 035
LEASE / WELL # QT 11.10.16 2	SEG / TWP / RNG 29 22S 31W	

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
D. M. Lane 106722	1	J. S. ... - ...	1				
J. ... 106721	1						
J. ... 207238	1						
K. ... 106744	1						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0700							Called for Job
	0730							on location hold safety meeting Rig laying down
	1000							D.P. set up pump truck
	1034							D.P. out of hole
	1105							Rig up Csg Pipe
	1225							Start Running Csg & Float Equip
	1227							Csg on bottom
	1230							Hook up PL & Circulating Iron
	1253							Start Circulating
	1255							Run Circulating
								Hook up to pump truck
								Job Procedure for 4 1/2 long string
	1258							9/2500 Pressure test lines
	1302	6	132					9/2500 Start Lead Cement @ 11.1"
	1325	6	44					80 Start Tail Cement @ 13.2"
	1335							When mixing Cement
	1337							Shut down & Release plug
	1338							Wash up pumps & lines
	1341	6	42.5					Start Displacement
	1342							Displacement Caught Cement
	1349	2						slow down rate
	1351							Plug landed
	1352	2	5					Plug Rat & mouse holes

Circulated 12 Bbls to pit

Thank You For Calling Halliburton

Danny & James & Crew