

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

CONFIDENTIAL

COPY

Operator: License # 32606

Name: Devon Energy Production Company, L.P.

Address: 20 North Broadway, Suite 1500

City/State/Zip: Oklahoma City, OK 73102-8260

Purchaser: Tall Grass, LLC

Operator Contact Person: Robert Cole

Phone: (405) 235-3611

Contractor: Name: McPherson Drig.

License: #5675

Wellsite Geologist: David Fleming

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. _____

10/18/02 Spud Date 10/21/02 TD 12/9/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 133-25863

County: Neosho

NE SE Sec. 33 Twp. 29 S. R. 18 ☒ East ☐ West

2000 feet from S N (circle one) Line of Section

700 feet from E W (circle one) Line of Section

Distances Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Robert Novotny 33 Well #: 1

Field Name: _____

Producing Formation: Cherokee Coal

Elevation: Ground: 1,006 ft. Kelly Bushing: _____

Total Depth: 1,110 ft. Plug Back Total Depth: 1,101 ft.

Amount of Surface Pipe Set and Cemented at 24 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from Surface

feet depth to 1,108 ft. w/ 160 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content N/A ppm Fluid volume N/A bbls

Dewatering method used _____

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: Robert Cole

Title: Sr. Eng. Tech. Date: 12/18/02

Subscribed and sworn to before me this 19th day of December

2002
Notary Public: Shamus L. Plaster

Date Commission Expires: 6/27/06



Canadian County
Notary Public in and for
State of Oklahoma

Commission # 02011077 Expires 6/27/06

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

COPY

Operator Name: Devon Energy Production Company, L.P. Lease Name: Robert Novotny 33 Well #: 1
 Sec. 33 Twp. 29 S. R. 18 ☒ East ☐ West County: Neosho

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 ☐ 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:

GR, N, D, DIL

☒ Log Formation (Top), Depth and Datum ☒ Sample

Name Top Datum

See Attachments

KCC
DEC 18 2002

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RECEIVED

JAN 02 2003

KCC WICHT

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	11"	8 5/8"	32 #/ft	24'	Portland	4	none
Production	7 7/8"	5 1/2"	14 #/ft	1,108'	Cl 'A'	160	ThickSet

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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 spf	1,003'-1,007'Riverton,946'-950',952'-954'Rowe	500glFeHCl,Frac467Bbls5,800lbs20/40Sd.	
4 spf	794'-797'Tebo,728'-732'Flemming	500glFeHCl,Frac440Bbls5,700lbs20/40Sd.	
4 spf	692'-696'Croweburg,668'-671'Bevier	500glFeHCl,Frac370Bbls3,800lbs20/40Sd.	
4 spf	592'-596'Mulky,580'-584'Summit	500glFeHCl,Frac430Bbls4,700lbs20/40Sd.	

TUBING RECORD		Size 2 7/8"	Set At 1,087'-EOT	Packer At N/A	Liner Run ☐ Yes ☒ No			
Date of First, Resumed Production, SWD or Enhr. 12/11/02			Producing Method ☒ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)					
Estimated Production Per 24 Hours	Oil N/A	Bbls.	Gas 50 Mcfd	Mcf	Water 200 bwpd	Bbls.	Gas-Oil Ratio N/A	Gravity N/A

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, Sumit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Release

APR 06 2004

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**Drillers Log
McPherson Drilling LLC**

ORIGINAL

Rig: 1		KCC
API No. 15- 133-25863-0000		
Operator:	Devon SFS Operating, Inc. DEC 18 2002	
Address:	20 N. Broadway, Suite 1500 Oklahoma City, OK 73101-8838 CONFIDENTIAL	
Well No:	1	Lease Name: Robert Novotny 33
Footage Location:	2000 ft. from the	South Line
	700 ft. from the	East Line
Drilling Contractor:	McPherson Drilling LLC	
Spud date:	10/18/02	Geologist: Dave Flemming
Date Completed:	10/21/02	Total Depth: 1110'

S. 33 T. 29 R. 18 e
Loc:
County: Neosho

Gas Tests:

443'
 483'
 586'
 604'
 904'
 964'
 1004'
 1020'
 1106'

Casing Record			Rig Time:
Size Hole:	Surface	Production	Gas tests 1 hr.
Size Casing:	11"	7 7/8"	4:00-6:00 wait to kill well 2 hrs. Total hrs. 3 hrs.
Weight:	8 5/8"	McPherson	
Setting Depth:	20#		
Type Cement:	23.75'	McPherson	
Sacks:	Portland	4	

Water Truck: 2 hrs.

Well Log

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	12	shale	551	552			
shale	12	80	Osw lime	552	577			
lime/shale	80	133	Summit	577	585			
sandy lime	133	160	lime	585	590			
shale (blk)	160	167	Mulky	590	596			
lime/shale	167	180	lime	596	599			
shale (blk)	180	185	sand/shale	599	608			
lime/shale	185	195	sand	608	613			
shale (blk)	195	200	shale	613	668			
sandy lime	200	243	coal	668	669			
lime (wet)	243	270	shale	669	691			
shale	270	345	coal	691	692			
lime	345	349	shale	692	852			
shale	349	360	coal	852	853			
lime	360	377	shale	853	944			
shale	377	381	coal	944	947			
sand/shale	381	469	shale	947	950			
lime (pink)	469	490	coal	950	952			
coal	490	491	shale	952	1001			
lime	491	506	coal	1001	1004			
shale	506	526	shale	1004	1010			
sand/shale	526	550	Miss lime	1010	1110 TD			
coal	550	551						

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