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

Operator: License # 32606 CUNFILENTIAL	API No. 15 - 205-25557 0000 ORIGINAL
Name: Devon Energy Production Company, L.P.	County: Wilson
Address: 20 North Broadway, Suite 1500	
City/State/Zip: Oklahoma City, OK 73102-8260	990 feet from S (N) (circle one) Line of Section
Purchaser: Tall Grass, LLC	2100 feet from E / (circle one) Line of Section
Operator Contact Person: Robert Cole	Footages Calculated from Nearest Outside Section Corner:
Phone: (405) 235-3611 JAN 0 3 2002	(circle one) NE SE NW SW
Contractor: Name: McPherson Drlg.	Lease Name: Arlo Crawshaw Trust 8 Well #: 1
License: #5675 CONFIDENTIAL	Field Name:
Wellsite Geologist: Dave Fleming	Producing Formation: Cherokee Coal
Designate Type of Completion:	Elevation: Ground: 882 ft. Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1,107 ft. Plug Back Total Depth: 1,094 ft.
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21 Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from Surface
Operator:	
Well Name:	feet depth to 1,101 ft. w/ 160 sx cmt. AUT IF wth 2-5-07
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug Back Plug Back Total Depth	Chloride content N/A ppm Fluid volume N/A bbls
	Dewatering method used
	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
10/4/02SpudDate 10/7/02 TD 11/5/02 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. All requirements of the statutes, rules and regulations promulgated to regulate.	ror conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It months if requested in writing and submitted with the form (see rule 82-3-101 geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the dest of my knowledge.	o the on and gas industry have been fully complied with and the statements
Signature OW (Ole)	KCC Office Use ONLY
Title: W. Mg. LCD Date: 3 03	Letter of Confidentiality Attached
Subscribed and sworn to before me this subscribed and sworn to be subscribed and subscribe	If Denied, Yes Date:
2003	Wireline Log Received
16 Marie Vant	Geologist Report Received
Notary Public: Mushuc on / Notary	UIC Distribution
Date Commission Expires: My Commission Expires June 27, 2006. SHARMI LOU PLASTER	

Canadian County Notary Public in and for State of Oklahoma

Commission # 02011077 Expires 6/27/06

X

CONFIDENTIAL

Side Two

ORIGINAL

•	evon Energy Proc 29 _{S. R.} 17	luction Company, l ✓ East ☐ West		e Name: ₋ y: <u>Wils</u>		aw Trust 8	Well #: _1_	
INSTRUCTIONS: Stested, time tool ope temperature, fluid re	Show important tops on and closed, flowing acovery, and flow rate	and base of formations g and shut-in pressure ss if gas to surface test final geological well sit	penetrated. s, whether s	Detail a	all cores. Repo	l static level, hydr	ostatic pressu	ires, bottom hole
Drill Stem Tests Tak		☐ Yes 🗾 No		ای	∟og Forma	tion (Top), Depth	and Datum	✓ Sample
Samples Sent to Ge	•	Yes V No		Nan	пе		Тор	Datum
Cores Taken	,,	☐ Yes ✓ No		See	Attachment	s	i.),
Electric Log Run (Submit Copy)		✓ Yes No			KC			3 27 3
List All E. Logs Run	:						. , m	",
GR, N, D, DIL					JAN 0 3	2003		
				*	CONFIDE	NTIAL		
		CASIN Report all strings se	G RECORD	✓ N urface, int		ction, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
Surface	11"	8 5/8"	32 #/ft		21'	Portland	4	none
Production	7 7/8"	5 1/2"	14 #/ft		1,101'	CI 'A'	160	ThickSet
Durance	D. at	ADDITION	AL CEMENTI	NG / SQ	UEEZE RECOR	D		
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks	s Used		Type and	Percent Additive	es
Shots Per Foot		ON RECORD - Bridge Pl Footage of Each Interval F				acture, Shot, Cemer		
4 spf	1,005'-1,007'Riv		renorated		(Amount and Kind of Material Used) Depth 500glFeHCI,Frac227Bbls2,500lbs20/40Sd.			
	, , , , , , , , , , , , , , , , , , ,							
4 spf 4 spf		955'Rowe,859'-861 g,715'-718'Crwbrg,				il,Frac322Bbls il,Frac443Bbls		
4 spf			033-7031	oeviei.				
	spf 625'-629'Mulky,611'-614'Summit 750glFeHCl,Frac366Bbls5,000lbs20/40Sd.						/40Sd.	
TUBING RECORD	Size 2 7/8"	Set At 1,050'-EOT	Packer A	At .	Liner Run	Yes V No		
Date of First, Resumed	d Production, SWD or E	nhr. Producing Me	-	Flowing	g 🔽 Pump	ing Gas Li	ft Oth	ner <i>(Explain)</i>
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate	_		Gas-Oil Ratio	Gravity
Disposition of Gas	N/A METHOD OF 0	10 Mcfd		330 t	DWpd Production Inte		I/A	N/A
Vented ✓ Sold	Used on Lease umit ACO-18.)	Open Hole			Qually Comp.	^ Commingled _		

CONFIDENTIAL

Drillers Log McPherson Drilling LLC

ORIGINAL

Rig: 1 API No 15-	205-25557-0000				Elev.	882'
Operator:	Devon SFS Operating, Inc.					
Address:	20 N. Broadway, S	uite 15	i00			
	Oklahoma City, Ol	< 7 310	1-8838	-	Tous	
Well No:	1	Lease	Name:	Arlo C	rawshaw	8
Footage Location	on:	990	ft. from	the	North	Line
٠		210	ft. from	the	West	Line
Drilling Contract	or: McPhers	on Dr	illing LLC		•	
Spud date:	10/4/02		Geologist	;	Dave Flo	emming
Date Completed	: 10/7/02		Total Dep	th:	1107'	

Casing Record			Rig Time:			
	Surface	Production	Gas tests: 1hr.			
Size Hole:	11"	7 7/8"				
Size Casing:	8 5/8"	McPherson	NUC			
Weight:	20#		JAN 0 3 2003			
Setting Depth:	20.75		JAMA A WIND			
Type Cement:	Portland	McPherson	CONFIDENTIAL			
Sacks:	4		OOMFIDENTIAL			

S. 8	T. 29	R. 17 E	
Loc:			
Count	y:	Wilson	

Gas Tests:	
524'	18.5
604'	22.9
624'	46.4
632'	59.2
684'	59.2
724'	59.2
924'	59.2
964'	59.2
1007'	59.2
1026'	133.0
i.	·)
2 0	
il (s. i. s.)	properties of

Well Log Formation Top Btm. Formation Top Btm Formation Top Btm.								
Тор	Btm.	Formation	Top	Btm.	Formation	Тер	Btm.	
0	4	pink lime	507	511	coal	952	954	
4	7	coal	511	512	shale	954	957	
7	60	lime	512	548	coal		960	
60	70	shale	548	567	shale		1003	
70	93	sand	567	574	coal		1007	
93	172	shale	574	587	Miss lime		1107	
172	180	Osw lime	587	609			TD	
180	182	Summit	609	619				
182	220	lime	619	626				
220	245	Mulky	626	630				
245	254	lime	630	635				
254	293	shale	635	642				
293	300	sand (oil)	642	690		,		
300	315	shale	690	700				
315	374	coal	700	702				
. 374	377	shale	702	715				
377	392	coal	715	716				
392	398	sand/shale	716	785				
398	408	coal	785	786	•			
408	418	sand/shale	786	788				
418	470	sand	788	800				
470	480	sand/shale	800					
480	507	sand	943	952				
	4 7 60 70 93 172 180 182 220 245 254 293 300 315 374 377 392 398 408 418 470	0 4 4 7 7 60 60 70 70 93 93 172 172 180 180 182 182 220 220 245 245 254 254 293 293 300 300 315 315 374 374 377 377 392 392 398 398 408 408 418 418 418 470 470 480	0 4 pink lime 4 7 coal 7 60 lime 60 70 shale 70 93 sand 93 172 shale 172 180 Osw lime 180 182 Summit 182 220 lime 220 245 Mulky 245 254 lime 254 293 shale 293 300 sand (oil) 300 315 shale 315 374 coal 374 377 shale 377 392 coal 392 398 sand/shale 398 408 coal 408 418 sand/shale 418 470 sand 470 480 sand/shale	Top Etm. Formation Top 0 4 pink lime 507 4 7 coal 511 7 60 lime 512 60 70 shale 548 70 93 sand 567 93 172 shale 574 172 180 Osw lime 587 180 182 Summit 609 182 220 lime 619 220 245 Mulky 626 245 254 lime 630 254 293 shale 635 293 300 sand (oil) 642 300 315 shale 690 315 374 coal 700 374 377 shale 702 377 392 coal 715 392 398 sand/shale 716 398 408 <td>Top Etm. Formation Top Btm. 0 4 pink lime 507 511 4 7 coal 511 512 7 60 lime 512 548 60 70 shale 548 567 70 93 sand 567 574 93 172 shale 574 587 193 172 shale 574 587 193 182 Summit 609 619 180 182 Summit 609 619 182 220 lime 619 626 220 245 Mulky 626 630 245 254 lime 630 635 254 293 shale 635 642 293 300 sand (oil) 642 690 300 315 shale 690 700 374</td> <td>Top Btm. Formation Top Btm. Formation 0 4 pink lime 507 511 coal 4 7 coal 511 512 shale 7 60 lime 512 548 coal 60 70 shale 548 567 shale 70 93 sand 567 574 coal 93 172 shale 574 587 Miss lime 172 180 Osw lime 587 609 180 182 Summit 609 619 182 220 lime 619 626 220 245 Mulky 626 630 245 254 lime 630 635 254 293 shale 635 642 293 300 sand (oil) 642 690 300 315 shale 690 700</td> <td>Top Btm. Formation Top Btm. Formation Top 0 4 pink lime 507 511 coal 952 4 7 coal 511 512 shale 954 7 60 lime 512 548 coal 957 60 70 shale 548 567 shale 960 70 93 sand 567 574 coal 1003 93 172 shale 574 587 Miss lime 1007 172 180 Osw lime 587 609 Miss lime 1007 180 182 Summit 609 619 619 626 220 1ime 619 626 630 635 642 293 shale 635 642 642 293 shale 635 642 293 300 sand (oil) 642 690 300 315</td>	Top Etm. Formation Top Btm. 0 4 pink lime 507 511 4 7 coal 511 512 7 60 lime 512 548 60 70 shale 548 567 70 93 sand 567 574 93 172 shale 574 587 193 172 shale 574 587 193 182 Summit 609 619 180 182 Summit 609 619 182 220 lime 619 626 220 245 Mulky 626 630 245 254 lime 630 635 254 293 shale 635 642 293 300 sand (oil) 642 690 300 315 shale 690 700 374	Top Btm. Formation Top Btm. Formation 0 4 pink lime 507 511 coal 4 7 coal 511 512 shale 7 60 lime 512 548 coal 60 70 shale 548 567 shale 70 93 sand 567 574 coal 93 172 shale 574 587 Miss lime 172 180 Osw lime 587 609 180 182 Summit 609 619 182 220 lime 619 626 220 245 Mulky 626 630 245 254 lime 630 635 254 293 shale 635 642 293 300 sand (oil) 642 690 300 315 shale 690 700	Top Btm. Formation Top Btm. Formation Top 0 4 pink lime 507 511 coal 952 4 7 coal 511 512 shale 954 7 60 lime 512 548 coal 957 60 70 shale 548 567 shale 960 70 93 sand 567 574 coal 1003 93 172 shale 574 587 Miss lime 1007 172 180 Osw lime 587 609 Miss lime 1007 180 182 Summit 609 619 619 626 220 1ime 619 626 630 635 642 293 shale 635 642 642 293 shale 635 642 293 300 sand (oil) 642 690 300 315	

BLUE STAR ACID SERVICE, INC.

PO Box 103 Eureka, Kansas 67045

Cementing Ticket and Invoice Number



Date	Customer Order No.	Sect.	Twp.	Range	Truck Called Out	On Location	om Job Began	Job Completed
10-8-02 Owner						12:45	1:20	3:10
-		د ا	tractor	1	KCC	Charge T		
Mailing Address	75 Operating	(<u></u>	ous s	Janes		nna State	ION STS C	Operating
-	. سم	City	CHANG	/ .	JAN U J Z	UUJ	:	•
P.o. Box Well No. & Form	Place		. MANC	i re	County	- K3	State	
	أ فيقس	•		,	I GONFIDEN	TIAL	KS	
CRAWShA Depth of Well	Depth of Job	(New)	Size	52		73	Cement Left	Request ,
1107	1/0/ 8	Used	Weight _	14#	Size of Hole Amt. and Kind of Cement	160 SKS	in casing by	Necessity Z feet
Kind of Job			_		Drillpipe		(Rotary) AIR	No #12
	ongstring	P.B.	Г. <i>D</i> .	1094	Tubing		Cable / Truck	No.
		Remai	ks <u>SAF</u>	ety M	leeting: Bi	up to	51 CArma.	WASH down
Price Reference No.	# /	<u>3'.</u>	Pun	0 10 L	366 Gel F16	sh. Brow	ight Gel	to SUPFACE.
			•		HEAD. Pur	D 16RBL	Dre wat	ee. MIXed
Price of Job	650.00		•		Set Cemen	,		e Per/sk.
Second Stage		WA	5h ou	t Pur	p & Lines	. Shut a	Town. Re.	
Mileage	- AND THE PERSON NAMED AND POST OF THE PERSON			e wit	· · · · · · · · · · · · · · · · · · ·		WATER. F.	WAL Pumping
*)		SSUR	700		p Plug	1	31. Check
Other Charges	/	Flor	9T. 4	TOAT	4eld. 5/207	,	1260	PS1.
Total Charges	650.00	Gan	d Ce	ment	0 1			66 Sturio =
-		25	SKS.	Slop	Complete.	Δ ι	un.	7
Comenter Kein	N McCoy				7			
Water Mike	1. mb 1 1	n _	Z			*****	1/	N
The above job was d	one under supervison of the owner, or	Destrict		REKA	nears halow	St	ate 5	
•			Than	K You	×	Stubino)	Kulis	
				- 				Agent of contractor or operator
			Sales	Ticket for	Materials Only			
Quantity Sacks		E	BRAND AND	TYPE			PRICE	TOTAL
160 5KS	Thick Set C	ENIENT	~				10.75	1720.00
50 #	Flocele 1/3 # 1		***************************************			· · · · · · · · · · · · · · · · · · ·	1.00	50.00
`		15				······································		
200 #	Gel Flush			 	****	***************************************	9.50	19.00
21/2 GAls	KCL - DISPLAC	e MENT	MATO	e			15.00	37.50
			00.7.0				1 75.00	5,7,50
		***************************************	* ·** ** *****************************	······································				
, .								<u> </u>
4 HRS	80 BBL VAC	TRUCK	# 14	4		The contract of the contract o	60.00	240.00
4 HRS	80 BH VAC	TRUCK					60.00	240.00
3	LOADS City WA				and the street of the street o	***************************************	15.00	45.00
3 HRS	Welding TRUCK		*************	1, Mark 100 100 100 100 100 100 100 100 100 10			45.00	/35.00
	C+			······································	**************************************	· (75,55	703.00
	5/2 Top Rubber	Plug	***************************************	,		······································	40.00	40.00
		1			160.5KE Hand	lling & Dumping	.50	80.00
Plugs				************	8.8 Tans Miles	*** /* ****** ************************	. 80	281.60
	The second secon	` `			Sub		, ,,,	3538.10
	Delivered by # 16				Disco			0,000.10
	Delivered from EUREKA		······································		Sales		6.3%	222.90
	Signature of operator	ma	/		Total		0.0/0	3,761.10