Form 3160-4 (February 2005)

UNITED STATES OCCUPANTESIA

FORM APPROVED

BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG												OMB NO. 1004-0137 Expires: March 31, 2007 5. Lease Serial No. NMNM-LC 069464-A					
											5. Le						
ı. Type of Well Gas Well Dry Other										6. If Indian, Allottee or Tribe Name							
Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,										7. Unit or CA Agreement Name and No							
Name of Operator Devon Energy Production Co., LP										8 Lease Name and Well No. Arcturus 18 Federal 3H							
. Address	20 North Broa	adway 02					3a. Phone No (include area code) (405)-552-7802				9. A	FI Well No. 30	- 015-3	88953			
. Location o	l require	irements)*				10. Field and Pool or Exploratory											
At surface	1200' FS	SL & 340	1	RECEIVED				Hackberry; Bone Spring, North									
			115	1' FSL & 344'	FWL	1	JUN 05 2012				Survey or Area Sec 18-T19S-R31E						
At top pro	d. interval re	eported b									12. County or Parish 13 State						
At total de	_{pth} 2290)' FSL 8	433' FEL	-		- 1	NMOCD ARTESIA					Eddy		NM			
4. Date Spt 03/29/201	ıdded		15. Da	te T.D. Reached 3/2011	I	Th.	6. Date Completed D & A Ready to Prod.				17.		OF, RK 3248' (B, RT, GL)*			
8. Total De	pth. MD	13,58	30'		g Back T.D.: N				0 Depth Bri	dge P		MD	3240	<u>OL</u>			
1. Type El	TVI ectric & Oth		856' nical Logs F	Run (Submit cop		rvd		2	2. Was well	cored		TVD n/a_ lo ☐ Yes	(Submi	it analysis)	<u> </u>		
CBL, Later			_	_	·			Ì	Was DST Direction			lo Yes					
23. Casing	and Liner R	ecord (F	Report all st	rıngs set ın well)	1 540	Comenter	No. o	f Sks. &		urry Vol	1		1			
Hole Size	Size/Gra	de V	/t (#/ft)	Top (MD)	Bottom (MD)	Stag	ge Cementer Depth		f Cement		(BBL)	Cement T	op*	Amoun	t Pulled		
26" 17 1/2"	20" H-4		94#	0,	120' 424'	 		F00 -	CI C			Surface Surface		DV Tool @	4522 26		
12 1/4"	9 5/8" J-		40#	0,	3090'	+	· ·	500 sx Cl (rface DV Tool @		4322 - 23		
8 3/4"	Pilot Hole			Cmt Plug			460 sx Cl		sx Cl H	Whipstock @		8175' - 8186'					
8 3/4" 5 1/2" P-110 17#					13580'		2400 s		k CI C/H	/H				TOC @ 17	88' per CB		
24 Tubing	Record					1			<u>i</u>			L		<u> </u>			
Size 2 7/8"	Depth S	Set (MD)	Packer	Depth (MD)	Size	Dep	th Set (MD)	Packer D	epth (MD)		Size	Depth Set	(MD)	Packer	Depth (MD)		
2 770 25 Producii	8,3		<u> </u>	:	-	26.	Perforation I	Record				<u> </u>					
Formation A) Bone Spring				Top 8957'	Bottom 13503'		Perforated Interval		Size		No. Holes PF 180 F			Perf. Status			
B)	Sorie Sprii	ig	-	6937	13503		8957 - 13503'		4/5/6 SP		75 100		<u></u>	Producing			
C)																	
D)												·					
27. Acid, Fi	acture, Treat Depth Inter-		Cement Squ	ceze, etc.				Amount a	nd Type of M	lateri	al		_				
89	57' - 1350)3'			gals 7.5% HCL	acıd. F	rac w/55,40	2 100 n	nesh white	sd &					_		
			388	,871 20/40 B						RF	RECLAMATION DUE 98-/2						
									·····		DU	E 9	8-	1.2			
28 Product Date First			Trans	h.i	la 1	Water	Oıl Gra		h		Production N	4-414					
Produced	rest Date	Hours Tested	Test Product	Oil ion BBL	1	Water BBL	Corr. A	-	Gas Gravity	1		vietnoa					
	03/15/12	24	→	659	687	987					Pumping						
Choke Size	Tbg. Press. Flwg	Csg Press.	24 Hr Rate	Oıl BBL		Water BBL	Gas/Oil Ratio		Well State	IS							
	SI 400#	300#		659	687	987	1042	489	Produci	ng [ACCE	חדרח	ΓΛ	DDEC	UDU		
28a. Produc	L	L			1_00/		1012				<u> </u>	FIEU	FU	u uto	AUA		
Date First Produced	Test Date	Hours Tested	Test Product	Otl ion BBL	l l	Water BBL	Otl Gra Corr A	-	Gas Gravity	l	Production	Method					
				>							j	11181	1	2012			
Choke	Tbg. Press.		24 Hr.	Oil		Water	Gas/Oil		Well State	ıs		JUN_	7	6.V (L			
Size	Flwg. Sl	Press.	Rate	BBL	MCF	BBL	Ratio		-		لر	- f (x)	m	2	1		
*(See instr	uctions and	spaces f	or addition:	al data on page	<u> </u> 2)	-	L			_	BUR	EFAU OF L	AND	MANAGEM	ENT		
, ,				on page	,						1 /	CARLSBAI	D FIE	LD OFFICE	}		

	, pu ,										
	uction - Inte Test Date	Hours	Test	Oıl	Gas	Water	Oil Gravity	Gas	Production Method		·
roduced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity			
hoke ize	Tbg. Press. Flwg SI	Csg. Press.	24 Hr Rate	Oıl BBL	Gas MCF	Water BBL	Gas/Oıl Ratio	Well Status			
8c. Prod	uction - Inte	rval D								·····	
Date First roduced	Test Date	Hours Tested	Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
hoke ize	Tbg. Press Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
9. Dispo	sition of Ga	s (Solid, u	ised for fuel, v	ented, etc.,)						
0. Sumr	nary of Porc	us Zones	(Include Aqu	ıfers)				31 Format	ion (Log) Markers		
	ing depth in					intervals and al ing and shut-in	ll drill-stem tests, pressures and			·	Тор
Formation		Тор	Bottom		Des	Descriptions, Contents, etc. Name					leas. Depth
								Delaware Bone Spring	1	4296' 6392'	
								1st Bone Sp 2nd Bone S		7788' 8142'	
								2nd Bone S	pring Sand	8627'	
									7	7012 134	
32. Addı	tional remar	ks (includ	le plugging pro	ocedure):				L		0	
										752	AND MGMI
33 Indic	ate which it	ems have	been attached	by placing	z a check in th	e appropriate b	ioxes				
			gs (1 full set rec			Geologic Repo		Report	☐ Directional Survey		
_			and cement			Core Analysis					
		, , v	/ // /	, ,		mplete and con	rect as determined f	rom all available	records (see attached instructi	ons)*	
		e druit) S	Stephanie A.	Ysasag	a_		Title Sr. Stat	f Engineering	Technician		
1	vame (pieas	477	V ///		7		Date 05/10/20				

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(Continued on page 3)