

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

WELL COMPLETION OR RECOMPLETION REPORT AND LOG										i i	5. Lease Serial No. LC 029 420B				
la. Type of Well Gas Well Dry Other											6 If Indian, Allottee or Tribe Name				
b Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,									7 1	7. Unit or CA Agreement Name and No					
Other:															
2 Name of Operator V-F Petroleum Inc.												Lease Name and Well No. Panther Federal #2			
3 Address P.O. 8ox 1889, Midland, Texas 79702  3a. Phone No. (include area code)  (432) 683-83-47 - 10-10-10-10-10-10-10-10-10-10-10-10-10-1											9. AFI Well No. 30-015-2706800				
4. Location of Well (Report location clearly and in accordance with Federal requirements)*										10.	10. Field and Pool or Exploratory Shugart Bone Spring N				
2,180' FSL & 1,980' FEL DEC <b>2 3</b> 2009										1 11	11 Sec., T., R., M., on Block and				
2,180' FSL & 1,980' FEL												Survey or	Area Secti	on 33, T-17-S, R-31-E	
At top prod. interval reported below  NMOCD ARTESIA											12.	County o	r Parish	13. State	
At total depth 2,180' FSL & 1,980' FEL										Edd	iy		NM		
14. Date Spudded 15. Date T.D. Reached 16. Date Completed 11/03/2009											17. Elevations (DF, RKB, RT, GL)*				
18. Total Depth: MD 12,100' 19. Plug Back T.D.: MD 8,400' 20. Depth Bridge Plug Set: MD 8,675'															
TVD 12,100' TVD 8,400'  TVD 8,675'  21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  22. Was well cored? V No  Yes (Submit analysis)												t analysis)			
Re-entry No New Logs  Was DST run?  Directional Survey?  No Yes (Submit report)  No Yes (Submit report)															
23. Casing	and Liner R	ecord (Re	eport all stri	ngs set in wei	1)	I 6 C		No. of							
Hole Size	Size/Gra		i. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth		Type of			ry Vol. BL)	Cement Top*		Amount Pulled	
20" 15 1/2"	16" H-40			Surface Surface	653'			Reddy m 590				Surface		-0- -0-	
11"	8 5/8" N-		——————————————————————————————————————	Surface	5,000'	+		1,450		14 45		Surface Surface		-0-	
7 7/8"	5 1/2" J-	55 17		Surface	12,100'	<del> </del>		1,350		300		8,7		-0-	
	L-80					8,700'		1,300	00		2	4,0	000'	-0-	
24. Tubing	Record				<u> </u>	<u></u>				<u> </u>					
Size	Depth S	Set (MD)		epth (MD)	Size	Depth Set	(MD)	Packer Dep	oth (MD)	S	ize	Depth	Set (MD)	Packer Depth (MD)	
2 7/8" 25. Produci	7,912'	<del>a</del> . วดุว	Pumping	17825-7897		26. Peri	foration	Record						<u> </u>	
	Formation	1	7,26	Тор	Bottom	Perforated Interval				<del>                                     </del>		Holes		Perf. Status	
A) 2nd Bo	A) 2nd Bone Spring Sand			<u> </u>	7,921'		7,292' - 7,302'		0.27			21 Open 21 Open			
<del>C)</del>				<del></del>	· · · · · · · · · · · · · · · · · · ·		7,380' - 7,390' 7,782' - 7,792'			0.27 2 0.41 1					
D)						<del></del>				0.41	11 Open				
27. Acid, F	racture, Trea Depth Inter	itment, Ce	ment Squee	ze, etc				Amount and	Type of	Material					
7,782' - 7,		· · · · · · · · · · · · · · · · · · ·			ICI acid/frac 150		3# x lin	k gel wate	r plus 31	6,748#					
7,292' - 7,	390'		2,000	gallons 15	% HCl acid/frac	: 155,762 g	al 28#	x link gel v	vater plu	s 354,1	34# 20/4	0 white	sand		
-															
28 Product					-1-				TZ						
Date First Produced	Test Date	Hours Tested	Test Productio	Oil n BBL		Vater BL					oduction N od pump				
11/06/09	11/17/09	24	-	78	23	21	38,4								
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Vater BL	Gas/Oil Ratio		Well Status		-				
5126	riwg. SI	ł	Rate	- 1			l		Pumping				TODE	DECORD	
20# 78 23 21 28a. Production - Interval B							270/1			でで作	TIED	HIJIM I	RECORD		
Date First Produced	Test Date	Hours Tested	Test Productio	Oil n BBL		Vater BL	Oil Gra		Gas Gravity	牌計	odáčtion-i	lethod		n n	
		<u> </u>	-							$-\!$		DEC	21	2009 Kristot	
Choke Size	Tbg. Press. Flwg.	Csg. Press,	24 Hr. Rate	Oil BBL		Vater BBL	Gas/Oi Ratio	l	Well Sta	tus	1	IS! N	iyies '	CEMENT	
	SI		-							1	<u> </u>	EAU O	FLAND N	ANAGEMENT D OFFICE	
*(See inst	uctions and	spaces fo	r additional	data on page	2)		1		.1		1 Bri	CARLS	BAU FIEL		

								<u>.                                 </u>					
	uction - Inte		hT	To:I	- ic	\$ har-a	hioir	- h	D. J V. d. J.				
Date First Test Date Produced				Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
Troduccu		Testeu	Toduction	DDL	IVICI	BBE	Coll. Al I	Clavity					
	<u> </u>	<u> </u>		<u> </u>	<u> </u>				<u> </u>	· · · · · · · · · · · · · · · · · · ·			
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status					
Size	SI	FIESS	Rate	BBL	IVICI	BBL	Katio						
		İ	-	1									
	uction - Inte												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas	Production Method				
rioduced		resieu	Floduction	BBL	IVICE	BBL	COIT API	Gravity	į				
Choke Size	Tbg. Press. Flwg.		24 Hr. Rate	Oil	Gas MCF	Water	Gas/Oil	Well Status					
3126	riwg. Si												
29. Disposition of Gas (Solid, used for fuel, vented, etc.)													
SOLD													
30. Sumn	nary of Poro	us Zones (	Include Aqui	fers)	31 Formati	31. Formation (Log) Markers							
	•		•						on (Dog) mando				
Show	ill important	zones of p	orosity and co	ontents the	reof Cored	intervals and al	drill-stem tests,						
recove		erval testec	i, cushion use	d, time too	ol open, flow	ing and shut-in	pressures and						
Tecove	1103.												
									Тор				
Form	nation	Top	Bottom		Des	criptions, Conte	nts, etc	1	Name	<u> </u>			
		<u> </u>								Meas. Depth			
Bone Spring	g	7,260'	7,921'	Oil wate	er gas			San Andres		3,895'			
								1st Bone Spri	ing Carbonate	5,240'			
Wolfcamp		9,300'	9,650'	Water				1st BS Sand		6 0001			
vvoii odni p			0,000	, vale				2nd BS Carbo	onate	6,880° 7,530°			
		14 644	44 777					1					
Morrow		11,614'	11,777'	Gas oil	water			2nd BS Sand 3rd BS Carbo		7,740' 8,130'			
		1						010 20 02120		. 0,150			
			1	- {				Wolfcamp Strawn		8,650'			
			1	1				Strawn		10,822'			
			1	[				Atoka		11,090'			
		Į	ľ	-				Morrow		11,585'			
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32. Additi	onal remark	s (include t	olugging proc	edure):			<del></del>	<del></del>		<u> </u>			
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33 Indicat	e which iten	ns have bee	n attached by	placing a	check in the	appropriate box	es.		<del>·····································</del>	<del>- , , , , , , , , , , , , , , , , , , ,</del>			
	104 1				_		<u></u>		<b>-</b>				
☐ Electrical/Mechanical Logs (1 full set req'd) ☐ Geologic Report ☐ DST Report ☐ Directional Survey													
Sundry Notice for plugging and cement verification Core Analysis Other:													
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*													
		print) _{\footnote{V}}	WILL	Ma					uperintendent				
Sig	gnature	M. W	Mus	a			Date	20/09	•				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any													
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.													

(Continued on page 3)

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