

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FEB - 3 2009

FORM APPROVED  
OMB NO 1004-0137  
Expires March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5 Lease Serial No LC 029420-B
b Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr, Other _____		6 If Indian, Allottee or Tribe Name
2 Name of Operator <b>V-F Petroleum Inc.</b>		7 Unit or CA Agreement Name and No
3 Address <b>P.O. Box 1889, Midland, Texas 79702</b>		8 Lease Name and Well No. <b>Panther Federal #1</b>
3a Phone No (include area code) <b>432-683-3344</b>		9 AFI Well No. <b>30-015-29142</b>
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>Unit K 1,830' FSL &amp; 2,130' FWL Section 33, T-17-S, R-31-E</b> At top prod interval reported below At total depth		10 Field and Pool, or Exploratory <b>Shugart North Bone Spring</b>
14 Date Spudded <b>09/19/1996</b>		11 Sec, T, R, M., on Block and Survey or Area <b>Sec 33, T-17-S, R-31-E</b>
15 Date TD Reached <b>11/03/1996</b>		12 County or Parish <b>Eddy</b>
16 Date Completed <b>11/22/2008</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		13 State <b>NM</b>
17 Elevations (DF, RKB, RT, GL)* <b>3,743' GL 3,761' KB</b>		
18. Total Depth MD <b>11,940'</b> TVD <b>11,940'</b>	19 Plug Back TD MD <b>9,420'</b> TVD <b>9,420'</b>	20 Depth Bridge Plug Set MD <b>9,445' + cement</b> TVD
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>Logs on file (under original operator - Oxy)</b>		22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" 440	48	0	393'		730 C & H	191	0 visual	
11"	8 5/8" 45	24 & 32	0	3,018'	697	2,380 C&H	603	0 visual	
7 7/8"	4 1/2" 48	11.60	0	11,936'	9,300 & 6,336	1,800 C, H &	441	2,481' TS	
	and S-95	11.60				light weight			

24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8"	7,901'	NA							

25. Producing Intervals 7410-7420 / 7,878-7,888					26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status		
A) Second Bone Spring sand	7,371'	7,904'	7,410'-7,420' 7,878'-7,888'	.41	42	Open		
B) Wolfcamp	9,545'	9,606'	9,545' - 9,606'	.41	12	CIBP + cement		
C) Morrow	11,731'	11,751'	11,731' - 11,751'	0.35	80	CIBP + cement		
D)								

27. Acid, Fracture, Treatment, Cement Squeeze, etc	
Depth Interval	Amount and Type of Material
7,410' - 7,420'	2,000 gallons HCl acid/91,266 gal gel 2% KCl water + 211,206# 16/30 sand
7,878' - 7,888'	1,500 gallons HCl acid/89,796 gal gel 2% KCl water + 200,315# 16/30 sand

28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
11/22/2008	12/01/2008	12	→	45	49	45	38.6		ROD PUMP
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
NA	SI NA	50#	→	45	49	45	1089/1		

28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

\*(See instructions and spaces for additional data on page 2)

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CARLSBAD FIELD OFFICEACCEPTED FOR RECORD  
PRODUCING

JAN 30 2009

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
MORROW	11,731'	11,751'	OIL WATER & GAS	SAN ANDRES	3,868'
WOLFCAMP	9,545'	9,606'	WATER	1ST BONE SPRING	
SECOND BONE	7,371'	7,904'	OIL, WATER & GAS	CARBONATE	5,250'
SPRING				1ST BS SD	7,240'
				2ND BS CARBONATE	7,490'
				2ND BS SD	7,769'
				3RD BS CARBONATE	8,080'
				3RD BS SD	8,510'
				WOLFCAMP	8,710'
				STRAWN	10,822'
				ATOKA	11,310'
				MORROW	11,528'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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)\*Name (please print) S.K. LAWLISTitle VICE PRESIDENT

Signature

S.K. LawlisDate 12/29/2008

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.

Office of Land Management  
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(Form 3160-4, page 2)

DEC 31 2008

Carlsbad Field Office