

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

5. Lease Serial No. **USA NMMN 0107697**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **Spica 25 Federal 4H**

9. AFI Well No. **30-015-40220-40105**

10. Field and Pool or Exploratory: **William Sink; Bone Spring**

11. Sec, T., R., M., on Block and Survey or Area: **M 25 T19S R31E**

12. County or Parish: **Eddy** 13. State: **NM**

14. Date Spudded: **8/10/12** 15. Date T.D. Reached: **8/10/12** 16. Date Completed: **10/10/12**  
 D & A  Ready to Prod.

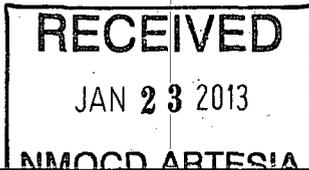
17. Elevations (DR, RKB, RT, GL)\*: **3497.4 GL**

18. Total Depth: MD **13,902'** TVD **9303'** 19. Plug Back T.D.: MD **13,860'** TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CALIPER;PTFRM/EXP/HI/RES/LAT/LOG/ARRAY/MICRO/CFL/HNGS;CBL**

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  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 Sk. & Type Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20" J-55	106.5#	0	985'		2050 sx Cl C; Circ 482 sx		Surface	
17 1/2"	13 3/8" J-55	68#	0	2620'		2000 sx C; Circ 435 sx		Surface	
12 1/4"	9 5/8" J-55	40#	0	4525'	TOC 2125'	1675 sx Cl C		CBL	
8 3/4"	5 1/2" P110	17#		13,902'	DV 5009'	1595 sx H & 400 sx C; Circ 315 sx			

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 7/8"	8970'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Bone Spring	9550'	13,834'	9550-13,834'		288	Producing
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

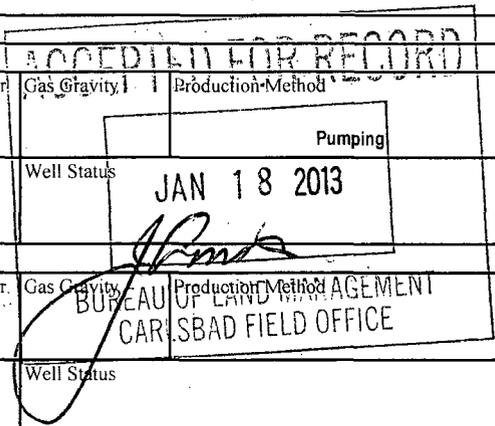
Depth Interval	Amount and Type of Material
9550-13,834'	Acidize perms w/ Total 13,300 g 7 1/2% HCL; 57,778# 100 mesh white sd; 1,525,925# 20/40 white sd; 434,788# Super LC 20/40; 154,457# 40/70 wh

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
10/10/12		24	→	645	456	1422			Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	645	456	1422			

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
E			→						
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						



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

*JMW*

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 (Solid, 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

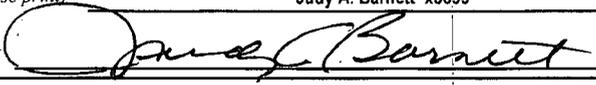
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Yates	2500	2709		Salado	1291'
Seven Rivers	2709	2801		Yates	2500'
Delaware	4566	7138		Delaware	4566'
Bone Spring	7138	NR		Bone Spring	7138'

32. Additional remarks (include plugging procedure):

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

- 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 instruction)\*

Name (please print) Judy A. Barnett x8699 Title Regulatory Specialist  
 Signature  Date 1/4/2013

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.