

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **MMNM108504 SL MMNM19623**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **Vaca 24 Fed Com 6H**

9. API Well No. **30-025-40537**

10. Field and Pool, or Exploratory **Red Hills; Upper BS Shale**

11. Sec., T., R., M., or Block and Survey or Area **Sec 24 T25S R33E**

12. County or Parish **Lea** 13. State **NM**

14. Date Spudded **7/27/13** 15. Date T.D. Reached **8/21/13** 16. Date Completed **1/29/14**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **3329' GL**

18. Total Depth: MD **16707** 19. Plug Back T.D.: MD **16702**
TVD **9456** TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR

22. Was well cored? No Yes (Submit analysis)
Was DST run No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

HOBBS OCD
OCT 03 2014

RECEIVED

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 of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8	54.5		1187		825 C		surface	
12-1/4	9-5/8	40		5086		1100 C		surface	
8-3/4	5-1/2	17		16702		350 C 2300 H		4130' CBL	

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	9098	9447						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	9295		9506 - 16666'	0.39	1429	producing
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	9295		9506 - 16666'	0.39	1429	producing

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

Depth Interval	Amount and Type of Material
9506 - 16666'	Frac w/ 2880 bbls acid, 10440628 lbs proppant, 222259 bbls load

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
1/29/14	2/4/14	24	→	1250	2526	1987	45.0		Gas Lift
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
OPEN	700	0	→				2020	POW	

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. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

ACCEPTED FOR RECORD

SEP 23 2014

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
REGISTRATION

7-29-14

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

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. →	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. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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

Sold

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
Rustler	1055	4920		Rustler	1055
Top Salt	1435		Lamar	5168	
Base Salt			Canyon	5198	
Lamar	5168		Bone Spring	9295	
Bell Canyon	5198				
Cherry Cyn	6210				
Brushy Cyn	7790				
Bone Spring	9295				

32. Additional remarks (include plugging procedure):

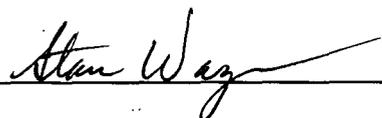
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- 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) Stan Wagner

Title Regulatory Analyst

Signature 

Date 2/5/2014

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.