

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JAN 15 2014

Lease Serial No.
NMNM 27572

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						6. If Indian, Allottee or Tribe Name			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						7. Unit or CA Agreement Name and No.			
2. Name of Operator Marshall & Winston, Inc.						8. Lease Name and Well No. Laguna Deep Unit 35 Federal #2H			
3. Address P. O. Box 50880, Midland, TX 79710-0880				3a. Phone No. (include area code) 432-684-6373		9. API Well No. 30-025-40943			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1140' FSL & 436' FEL, Sec. 35 (P), T19S, R33E At top prod. interval reported below 222 ¹⁷³⁰ FSL & 1702 ¹⁷⁰³ FWL, Sec. 35 (N), T19S, R33E At total depth Same						10. Field and Pool or Exploratory Teas; Bone Spring			
						11. Sec., T., R., M., on Block and Survey or Area Sec. 35, T19S, R33E			
						12. County or Parish Lea		13. State NM	
14. Date Spudded 07/04/2013		15. Date T.D. Reached 09/01/2013		16. Date Completed 10/02/2013 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3593' GL			
18. Total Depth: MD 12,385' TVD 9408'		19. Plug Back T.D.: MD 12,300' TVD 9408'		20. Depth Bridge Plug Set: MD TVD		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Comp Neutron & Dual Lateralog									
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
18 1/2"	16"	75	Surface	1442'	N/A	825 Class C	248	Surface	N/A
14 3/4"	13 3/8"	72	Surface	3269'	N/A	1730 Class C	578	Surface	N/A
12 1/4"	9 5/8"	40	Surface	4886'	3400'	1280 Class C	425	Surface	N/A
8 3/4"	7"	26	Surface	8881'	N/A			Surface	N/A
5 1/2"	5 1/2"	17	8881'	13,320'	N/A	3585 Class H	968	Surface	N/A
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"	8373'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) 1st Bone Spring	9800'	12280'	12,280-11,790'	.32 - .35	40	All Fired			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
11,790 - 12,280'	A/ 3000 gal of 15% HCL								
9800 - 12,280'	F/ 29,754 gals acid + 180,164# 100 Mesh + 483,549# 40/70 Brady + 1,198,142# 20/40 Premium + 162,306# 20/40 SLC.								
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
10/02/13	11/18/13	24	→	131	288	190	41.5		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
Open	300	350	→	131	288	190		Producing	
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	
			→						

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

RECLAMATION
DUE 4-2-14

FEB 19 2014

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.)

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
Capitan	2648'	5251'	Limestone, Water	Rustler	1347'
Delaware	5251 6570	6125 8070	Sand, Shale, Saltwater	Top of Salt	2010'
				Base of Salt	2990'
				Yates	3214'
				Capitan	3648'
				Delaware	5251'
				Bone Spring	8230'

32. Additional remarks (include plugging procedure):

RECEIVED

2013 DEC 16 AM 9:08

BUREAU OF LAND MGMT
CARLSBAD FIELD OFFICE

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: Sundry f/ rig rel to compl & OCD form C-104 & plat.

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) Gabe Herrera

Title Engineer

Signature [Signature]

Date 12/11/2013

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.