

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTHOBBS OCD
OCD-HOBBS
JUL 07 2011
RECEIVEDFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM27572

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No
Laguna Deep Unit NMNM 70966X

8. Lease Name and Well No.
Laguna Deep Unit Fed 35 #1

9. API Well No
30-025-39946

10. Field and Pool or Exploratory
Teas Bone Springs #58960

11. Sec., T., R., M., on Block and
Survey or Area
Sec. 35, T19S, R33E

12. County or Parish
Lea

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
3597' GL

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr,

Other:

2. Name of Operator
Marshall & Winston, Inc.

3. Address P.O. Box 50880
Midland, TX 79710-0880

3a. Phone No (include area code)
432-684-6373

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Unit L, 2310' FSL & 330' FEL

At top prod interval reported below Unit I, 2146' FSL & 335' FNL

At total depth Same

14. Date Spudded
11/07/10

15. Date T D Reached
01/23/11

16. Date Completed
☐ D & A ☒ Ready to Prod. 04/11/11

18. Total Depth: MD 13,924'
TVD 9882'

19. Plug Back T D MD 13,499'
TVD

20. Depth Bridge Plug Set MD
TVD N/A

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Three Detector Litho-Density, CN/GR
Hi-Res Laterolog Array, Micro-CFL/GR

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 Cement Depth	No. of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	54.5	Surf.	1375'	N/A	1230sx C1C	320	Surf.	
12 1/4"	9 5/8"	40	Surf.	4873'	3399'	2100sx C1C	880	Surf.	
8 3/4"	7"	26	Surf.	9739'	N/A	2475sx C1H	346	Surf.	
6 1/8"	4 1/2"	11.6	9153'	13499'	N/A	425sx C1H	93	9153'	

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"	8964'	N/A	N/A					

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) 1st Bone Spring	9360'	13499'	11515-13430'	.35	101	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12800-13430'	A/1500 gal during acid job
12800-13430'	A/4872 gal 7.5% HCL acid, F/230,000# 20/40 sand
12515-12645'	A/6200 gal during acid job
12515-12645'	A/5490 gal 7.5% HCL acid, F/230,000# 20/40 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
4/11/11	4/15/11	24	→	10	150	515	36		Pumping
Choke Size	Tbg Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	100		→	10	150	515		Pumping	

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)

ACCEPTED FOR RECORD

JUL 2 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

CONFIDENTIAL

JUL 16 2012

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)

Venting - WOPL Connection

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
st. Bone Spring	7160	9560	Sand & Dolomite	Rustler Top of Salt Base of Salt Yates Capitan Delaware Bone Spring	1346' 1682' 2992' 3192' 3576' 5352' 8156'

32. Additional remarks (include plugging procedure)

4 1/2" casing set @ 9153' TOP MD for production reasons (to put pump further down into 7").

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) Gabe HerreraTitle EngineerSignature [Signature]Date 05/24/11

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

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