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New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC 062524A

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [ ] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr,.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NM- ~~123457~~ 124001

2. Name of Operator: Marshall & Winston, Inc.

8. Lease Name and Well No. Medlin 8 Federal Com #1

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

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

9. AFI Well No. 30-005-29078 0051

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

At surface 1980' FSL & 330' FWL, Unit L

At top prod. interval reported below 1980' FSL & 330' FEL, Unit I

At total depth Same

10. Field and Pool, or Exploratory: Wildcat

11. Sec., T., R., M., on Block and Survey or Area Sec.8,T15S,R31E

12. County or Parish: Chaves

13. State: NM

14. Date Spudded: 07/07/09

15. Date T.D. Reached: 08/22/09

16. Date Completed: [ ] D & A [X] Ready to Prod. 10/06/2009

17. Elevations (DF, RKB, RT, GL)*: 4445' GL

18. Total Depth: MD 13,107' TVD 8,739'

19. Plug Back T.D.: MD 13,068' TVD 8,739'

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
3 DETECTOR LITHO-DENSITY COMP NEUTRON/HNGS
HI-RES LATEROLOG ARRAY MICRO-CFL/HNGS

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [ ] No [X] 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	48	Surf.	355'		380 "C"	58	Surf.	
12 1/4"	9 5/8	36&40	Surf.	3923'		635 "C"	227	Surf.	
8 3/4"	7"	26	Surf.	9055'		1100 "H"	430	Surf.	
6 1/8"	4 1/2	11.6	8169'	13,106'		650 "H"	150	8169'	

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"	7228'							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Abo-Upper Wolfcamp	8950'	13,000'	8950-13,000'	.34	167	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8950-13,000'	120,000 gal 15% HCl Acid + 175,000# 30/50 Mesh White Ottawa 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

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

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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)

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ACCEPTED FOR RECORD
/S/ DAVID R. GLASS
NOV 19 2009
DAVID R. GLASS
PETROLEUM ENGINEER

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
Lower Abo/ Upper Wolf-camp	8700	8710	Limestone & Dolomite	Glorieta Sand	5209
				Tubb	6600
				Abo	7405
				Wolfcamp	8740

32. Additional remarks (include plugging procedure):

33. Indicate which itmes 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)* Gabriel Herrera Title Engineer

Signature Date 11/06/09

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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