

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
N.M. Oil Cons. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

5. Lease Serial No.  
LC-068719-A

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  
Mewbourne Oil Company 14744

3. Address  
PO Box 5270 Hobbs, NM 88240

3a. Phone No. (include area code)  
505-393-5905

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

At surface 2130' FSL & 1830' FWL, Unit Letter K

At top prod. interval reported below Same

At total depth Same

RECEIVED

JUN 08 2005

OOD-ARTEDEM

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
17603

8. Lease Name and Well No.  
Santo Nino 29 Federal Com #6Q

9. API Well No.  
30-015-33955 SL

10. Field and Pool, or Exploratory  
Santo Nino Bone Spring 54600

11. Sec., T., R., M., on Block and Survey  
or Area Sec 29-T18S-R30E

12. County or Parish 13. State  
Eddy County NM

17. Elevations (DF, RKB, RT, GL)\*  
3425' GL

14. Date Spudded  
03/29/05

15. Date T.D. Reached  
04/16/05

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

18. Total Depth: MD 8317'  
TVD

19. Plug Back T.D.: MD 8397'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

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

DLL w/Micro, DN w/GR & 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8 H40	48	0	400'		425 C	127	Surface	NA
12 1/4	8 5/8 J55	32	0	2013'		850 C	273	Surface	NA
7 7/8	4 1/2 N80	11.6	0	8450'		1225 C	389	TOC 1130'	NA

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 3/8"	7221'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	8104'	8227'	29'	0.41	32	open
B) Bone Spring	7227'	7251'	24'	0.41	25	open
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8104' - 8227'	Frac with 1000 gals 7 1/2% HCl acid and 40,000 gals 3500 Medallion carrying 80,000# 18/40 Versaprop and 27,000# 20/40 PR6000.
7227' - 7251'	Pipeline frac with 1000 gals 7 1/2% HCl acid and 35,000 gals Medallion pad and 16,000 gals 35# Liner gel carrying 35,000# 20/40 PR6000.

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
05/11/05	05/24/05	24	→	50	87	98	NA	0.660	Producing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	200	90	→	50	87	98	1740	Open	

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

ACCEPTED FOR RECORD

JUN - 3 2005

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

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

Interval C

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
KB	3442				
Yates	1430				
Seven Rivers	1914				
Queen	2560				
Penrose	2782				
Grayburg	2988				
San Andres	3502				
Delaware	3880				
Bone Spring	4922				
TD	8317				

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- ☒ 1 Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ 2 Geologic Report   
 ☐ 3 DST Report   
 ☐ 4 Directional Survey  
☐ 5 Sundry Notice for plugging and cement verification   
☐ 6 Core Analysis   
☒ 7 Other: Deviation Report and C104

## 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) Kristi Green Title Hobbs Regulatory

Signature  Date 06/01/05

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.

OPERATOR: Mewbourne Oil Company  
WELL/LEASE: Santo Nino "29" #6  
COUNTY: Eddy County, NM

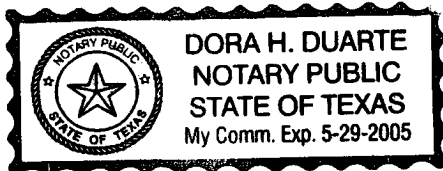
**STATE OF NEW MEXICO****DEVIATION REPORT**


<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
234	3/4	5595	2 3/4
400	3/4	5775	2 1/2
873	1	5939	1 1/2
1113	1	6093	1 3/4
1361	1	6250	6250
1611	3/4	6472	6472
2013	1/4	6655	6655
2508	3/4	6873	6873
3004	1	7119	7119
3503	1	7332	7332
3973	3/4	7583	7583
4470	1 1/4	7833	7833
4784	1	8088	8088
5284	2 1/4	8304	8304
5501	2 3/4	8426	8426

  
M. Leroy Peterson

The foregoing instrument was acknowledged before me on this 26th day of April, 2005 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 5/29/2005



  
Notary Public for Midland County, Texas

OPERATOR: Mewbourne Oil Company  
WELL/LEASE: Santo Nino "29" #6  
COUNTY: Eddy County, NM

# STATE OF NEW MEXICO

## DEVIATION REPORT

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
234	3/4	5595	2 3/4
400	3/4	5775	2 1/2
873	1	5939	1 1/2
1113	1	6093	1 3/4
1361	1	6250	0
1611	3/4	6472	1
2013	1/4	6655	1/2
2508	3/4	6873	1
3004	1	7119	1 3/4
3503	1	7332	2
3973	3/4	7583	1 3/4
4470	1 1/4	7833	1 3/4
4784	1	8088	1 1/4
5284	2 1/4	8304	1 1/2
5501	2 3/4	8426	1

RECEIVED

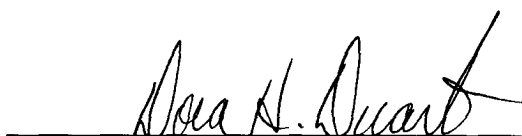
JUN 22 2005

ODD-ARTEOMA

  
M. Leroy Peterson

The foregoing instrument was acknowledged before me on this 26th day of April, 2005 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 5/29/2005

  
Notary Public for Midland County, Texas

