

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD-ARTESIA  
JUL 28 2009FORM APPROVED  
OMB No 1004-0135  
Expires January 31, 2004

RM

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

Please Serial No

NM-047423

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No

Hackberry Hills 1 Federal #1

9. API Well No

30-015-36960

10. Field and Pool, or Exploratory Area

Revelation Morrow Gas 37606

11. County or Parish, State

Eddy County, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Chlorides
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Below are chloride levels from samples obtained from the flowline as per the requirements of the NMOCD while drilling in the Caption Reef. If you have any questions, please call Frosty Lathan at 393-5905 (office).

100' @ 3000 MG/L	500' @ 3800 MG/L	900' @ 3500 MG/L	1300' @ 2900 MG/L	1700' @ 2400 MG/L	2100' @ 2200 MG/L
200' @ 3300 MG/L	600' @ 3600 MG/L	1000' @ 3500 MG/L	1400' @ 3000 MG/L	1800' @ 2300 MG/L	2170' @ 2200 MG/L
300' @ 5100 MG/L	700' @ 3600 MG/L	1100' @ 2900 MG/L	1500' @ 2500 MG/L	1900' @ 2300 MG/L	
400' @ 4800 MG/L	800' @ 3500 MG/L	1200' @ 2900 MG/L	1600' @ 2500 MG/L	2000' @ 2200 MG/L	

Started losing fluid at 230'. Losing 3-5 BPH to 2170'.

cc: NMOCD

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Jackie Lathan

Title Hobbs Regulatory

Signature

Date 07/01/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by (Signature)

Name  
(Printed/Typed)

Office

Title

JUL 22 2009

Date

WESLEY W. INGRAM

PERMITTING ENGINEER

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 Federal, State, or local agency, or the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)

Mewbourne Oil Company

Well Name: Hackberry Hills "1" Fed. # 1

Chloride Samples for depths 0 - 2,170'

Depths	Chlorides
100'	3,000
200'	3,300
300'	5,100
400'	4,800
500'	3,800
600'	3,600
700'	3,600
800'	3,500
900'	3,500
1,000'	3,500
1,100'	2,900
1,200'	2,900
1,300'	2,900
1,400'	3,000
1,500'	2,500
1,600'	2,500
1,700'	2,400
1,800'	2,300
1,900'	2,300
2,000'	2,200
2,100'	2,200
2,170'	2,200