

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

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.

5. Lease Serial No.

NM-0554771

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Gatling 16 Federal #1

9. API Well No.

30-015-35004

10. Field and Pool, or Exploratory Area

East Burton Flat Morrow 73320

11. County or Parish, State

Eddy County, NM

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

2. Name of Operator

Mewbourne Oil Company 14744

3a. Address

PO Box 5270 Hobbs, NM 88240

3b. Phone No. (include area code)

505-393-5905

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

1980' FNL & 660' FEL Unit H of Sec 16-T20S-R29E

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 <u>Csg & BOP test</u>
	<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 recompleate 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 recompleation 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.)

04/10/07..TD'ed 12 1/4" hole @ 3033'. Ran 3033' 9 5/8" 40# J55/N80 LT&C Csg. Cemented with 3 sks GW27 frac gell followed w/ 180 sks Thixsad H with additives. Mixed @ 14.6#/g w/ 1.50 yd. Followed with 550 sks BJ Lite Class C (35:65:6) with additives. Mixed @ 12.5#/g w/ 1.98 yd. Tail w/400 sks Class C with 1% CaCl2. Mixed @ 14.8 #/g w/ 1.33 yd. Circ 100 sks to pit. WOC 18 hrs. Test BOPE to 5000# & annular to 2500#. At 5:00 pm 04/10/07, tested 9 5/8" csg to 1500# for 30 mins, held OK. Tested formation at casing shoe to 12.0 ppg MWE. Charts and schematic attached. Drilled out with 8 3/4" bit.

ACCEPTED FOR RECORD

MAY 17 2007

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kristi Green

Title Hobbs Regulatory

Signature

Kristi Green

Date 04/10/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name
(Printed/Typed)

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date

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.

(Continued on next page)

MAN WELDING SERVICES, INC

Company Mewbourne Date 4-10-97
Lease Grading 16 7th Con. #1 County Sddg
Drilling Contractor Pat's UTL #48 Plug & Drill Pipe Size 11" C-22 / 4 1/2 x H

Accumulator Function Test - OO&GO#2

To Check - USABLE FLUID IN THE NITROGEN BOTTLES (III.A.2.c.i. or ii or iii)

- Make sure all rams and annular are open and if applicable HCR is closed.
- Ensure accumulator is pumped up to working pressure! **(Shut off all pumps)**
 1. Open HCR Valve. (If applicable)
 2. Close annular.
 3. Close **all** pipe rams.
 4. Open one set of the pipe rams to simulate closing the blind ram.
 5. For 3 ram stacks, open the annular to achieve the 50+ % safety factor. (5M and greater systems).
 6. **Record remaining pressure** 1700 psi. **Test Fails if pressure is lower than required.**
 - a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system }
 7. If annular is closed, open it at this time and close HCR.

To Check - PRECHARGE ON BOTTLES OR SPHERICAL (III.A.2.d.)

- Start with manifold pressure at, or above, maximum acceptable pre-charge pressure:
 - a. {800 psi for a 1500 psi system} b. {1100 psi for 2000 and 3000 psi system}
- 1. Open bleed line to the tank, slowly. **(gauge needle will drop at the lowest bottle pressure)**
 2. Close bleed line. Barely bump electric pump and see what pressure the needle jumps up to.
 3. **Record pressure drop** 750 psi. **Test fails if pressure drops below minimum.**
- **Minimum:** a. {700 psi for a 1500 psi system } b. {900 psi for a 2000 & 3000 psi system }

To Check - THE CAPACITY OF THE ACCUMULATOR PUMPS (III.A.2.f.)

- Isolate the accumulator bottles or spherical from the pumps & manifold.
- Open the bleed off valve to the tank, {manifold psi should go to 0 psi} close bleed valve.
 1. Open the HCR valve, {if applicable}
 2. Close annular
 3. With **pumps** only, time how long it takes to regain the required manifold pressure.
 4. **Record elapsed time** 1:37. **Test fails if it takes over 2 minutes.**
 - a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system}

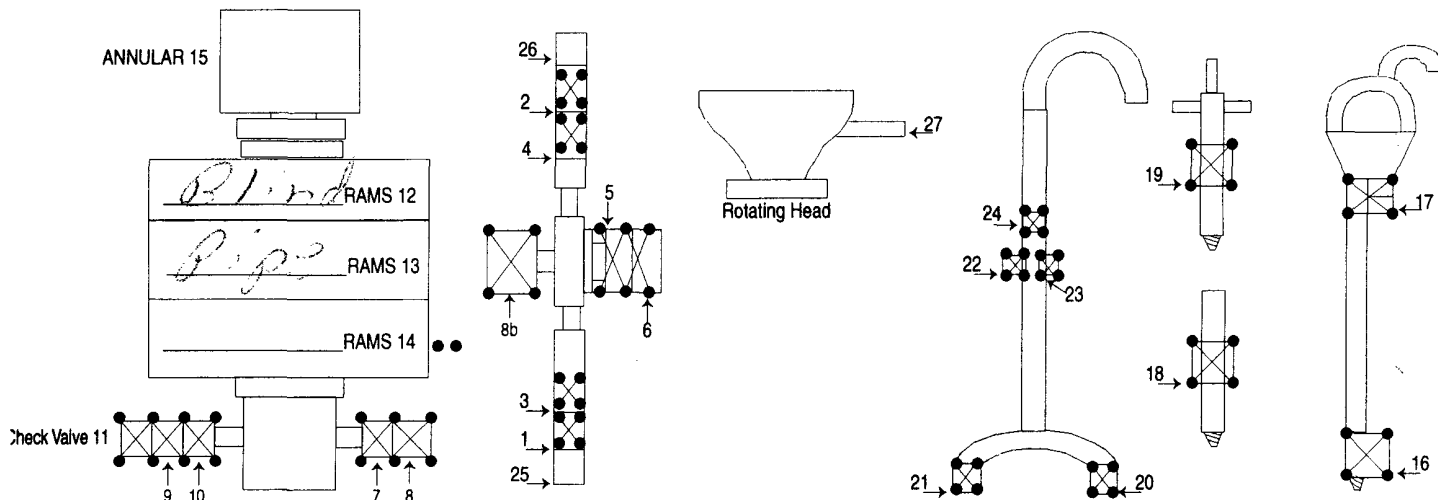
MAN WELDING SERVICES, INC.

P.O. Box 1541 • Lovington, N.M. 88260
BUS: 505 396-4540 • FAX: 505 396-0044



INVOICE
B 6774

Company Mowbourn Date 4-10-97 Start Time 2:30 ☐ am ☐ pm
Lease Sitting 13 Fed. Com 1 County Sdd State NM
Company Man _____
Wellhead Vendor _____ Tester R. J. Muntz
Drig. Contractor R. J. Muntz H+I Rig # 43
Tool Pusher _____
Plug Type 5-22 Plug Size 11 Drill Pipe Size 4 1/2 in
Casing Valve Opened Yes Check Valve Open Yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	2, 5, 25, 6, 9, 12	10		5000	Had to Re-drill
2	1, 2, 5, 10, 12	10		5000	H.R. Line, O.K.
3	3, 4, 5, 11, 12	10		5000	
4	3, 11, 13	10		5000	
5	7, 11, 13	10		5000	
6	7, 11, 15	10		2550	
7	19	10		5000	
8	13	10		5000	
9	15	10		5000	
10	17	10		5000	

3 HR @ 1200 = 3600.00
2 HR @ 700 = 1400.00
Mileage 140 @ 12 = 1680.00

Methanol = 100.00

SUB TOTAL 15120.00
TAX 822.73
TOTAL 15942.73

