

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM 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.**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator

Mewbourne Oil Company 14744

3a. Address

PO Box 5270 Hobbs, NM 88241

3b. Phone-No.-(include area code)

575-393-5905

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

1700' FNL & 850' FWL, Sec 27-T16S-R28E Unit Letter E (Surface)

1980' FNL & 330' FEL, Sec 27-T16S-R28E Unit Letter H (BHL)

5. Lease Serial No.

NM 8366 83066

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Crow Flats 27 Federal #2H

9. API Well No.

30-015-36853

10. Field and Pool, or Exploratory Area

Dog Canyon Wolfcamp

11. County or Parish, State

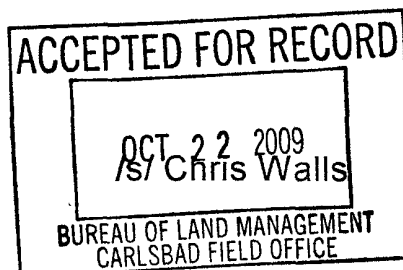
Eddy County, NM

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 Casing & cmt
	<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.)

09/21/09...TD 12 1/4" hole at 2305'. Ran 2305' 9 5/8" 36/40# J55/N80 LT&C csg. Cemented with 500 sks BJ Lite Class C (35:65:0) w/additives. Mixed @ 12.8 #/g w/ 1.82 yd. Tail w/400 sks Class C w/additives. Mixed @ 14.8 #/g w/ 1.35 yd. Plug down @ 6:30 pm 09/20/09. Circ 97 sks cmt to pit. On 09/20/09 tested BOPE to 5000# & annular to 2500#. At 12:00 am 09/22/09, tested csg to 1500# for 30 minutes, held OK. Tested formation to 10.5 MWE. Chart & schematic attached. Drilled out with 8 3/4" bit.



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jackie Lathan

Title Hobbs Regulatory

Signature

Date 10/01/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name

(Printed/Typed)

Title

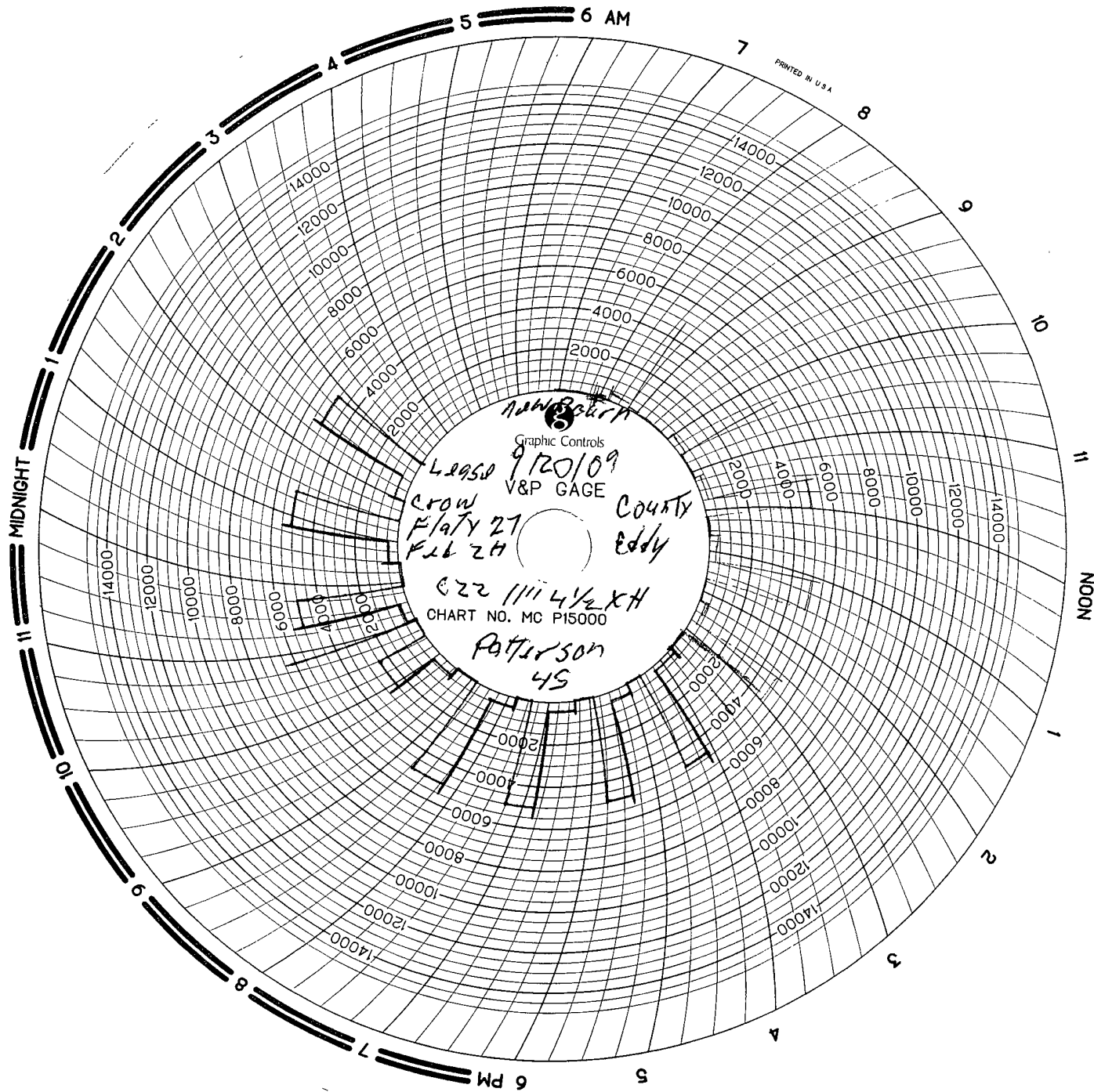
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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)





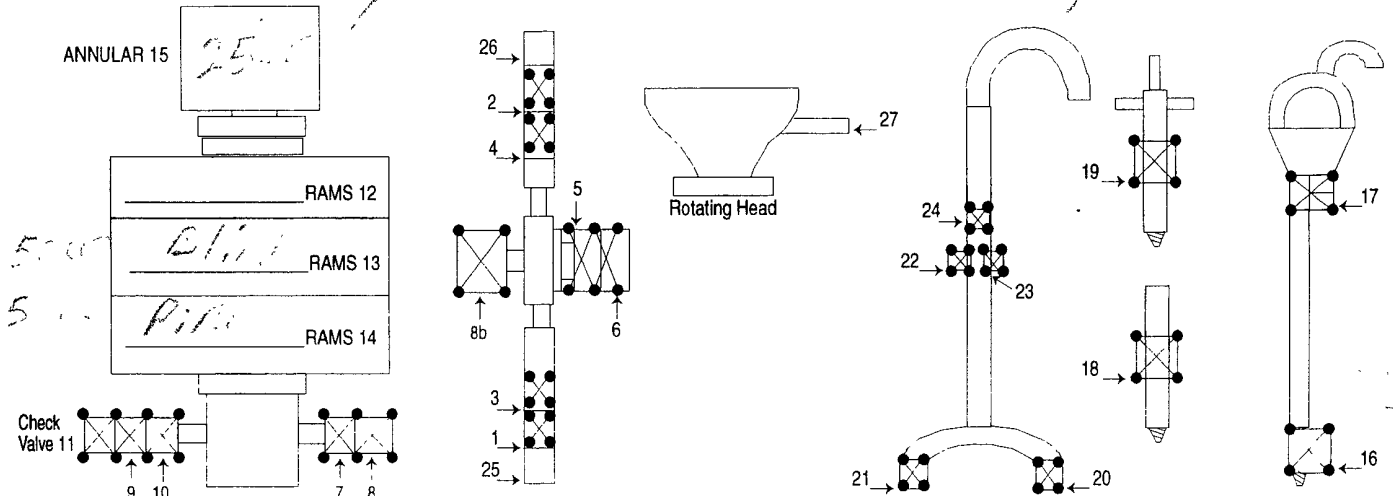
MAN WELDING SERVICES

WELDING • BOP TESTING
NIPPLE UP SERVICE • BOP LIFTS • TANDEM
MUD AND GAS SEPARATORS
Lovington, NM • 575-396-4540

INVOICE

№ B10314

Company New Loomis Date 9-26-09 Start Time 5:30 ☒ am ☐ pm
Lease Crown Plate 27 PWS # 2 H County Eddy State NM
Company Man _____
Wellhead Vendor _____ Tester Tim Lovant
Drig. Contractor F. J. J. J. J. Rig # 45
Tool Pusher _____
Plug Type C2C Plug Size 1 1/2" Drill Pipe Size 4 1/2" X H
Casing Valve Opened Yes Check Valve Open Yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	16	1000	250	5000	Look at Plug
2	17	1000	250	5000	Look at wellhead
3	14	1000	250	5000	Change 2" Valve +
4	17	1000	250	5000	Choke
5	9 10 14	1000	250	5000	OK
6	7 8 14	1000	250	5000	
7	11 7 14	1000	250	5000	
8	11 7 15	1000	250	2500	
9	11 25 6 20 15	1000	250	5000	
10	9 10 6 2 12	1000	250	5000	
11	11 3 5 4 13	1000	250	5000	

8 HR @ 1000
5 HR @ 85
Mileage 146 @ 100 mi/hr

1000
425
146

SUB TOTAL 1571
TAX 94
TOTAL 1655

MAN WELDING SERVICES, INC

Company New Borena Date 9/20/09
Lease Crow Flats 27 Fed 2H County Eddy
Drilling Contractor Patterson 45 Plug & Drill Pipe Size C22 11" 4 1/2" X L

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** 1150 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** _____. **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}