

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.

5. Lease Serial No.
 NMMN-13237

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
 Ruger 31 Federal #1

9. API Well No.
 30-015-33554

10. Field and Pool, or Exploratory Area
 Winchester Morrow 87600

11. County or Parish, State
 Eddy, NM

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 88240

3b. Phone No. (Area Code)
 505-393-5905

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
 660' FSL & 660' FWL, Sec 31-T19S-R29E Unit Letter M

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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>TD 12 1/4" and set plugs</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 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.)

12/04/04...TD'd 12 1/4" hole @ 2626'. Ran 2626' of 9 5/8" 40# N80/K55 LT&C csg. Cemented 1st stage with 500 sks Class "C" with additives. Mixed @ 14.8 #/g with 1.34 cf/sk yd. Set ECP with 2080#. Opnd DV tool with 800#. Circulate 2 hrs with no returns. Cemented 2nd stage with 180 sks Thixsad H with additives. Mixed @ 14.6 #/g with 1.52 cf/sk yd. Followed with 500 sks BJ Lite Class "C" with additives. Mixed @ 12.5 #/g with 1.96 cf/sk yd. Tail with 400 sks Class "C" with 2% CaCl2. Mixed @ 14.8 #/g with 1.34 cf/sk yd. Did not circulate. WOC 6 hrs. Ran Temp Surv. TOC @ 1200'. 1" in 20 stages as on attached sheet. Tested BOPE to 5000# and annular to 2500# (equipment passed). Charts and schecatic attached. At 4:15 am on 12/08/04, tested 9 5/8" casing to 1500# for 30 mins as required, held OK. Drilled out with 8 3/4" bit.

ACCEPTED FOR RECORD
 DEC 15 2004
 LES BABYAK
 PETROLEUM ENGINEER

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

Name (Printed/Typed) Kristi Green Title Hobbs Regulatory Asst

Signature *Kristi Green* Date 12/8/04

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.

Ruger 31 Federal #1
660' FSL & 660' FWL, Sec 31-T19S-R29E Unit Letter M
API #30-015-33554

12/06/04:

- Set 1st plug @ 1200' w/50 sks "C" w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tag @ 1170'.
Set 2nd plug w/50 sks "C" w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tag @ 1025'.
Set 3rd plug w/150 sks "C" w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tag @ 793'.
Set 4th plug w/200 sks "C" neat. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tag @ 640'.
Set 5th plug w/75 sks "C" w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tag @ 640'.
Set 6th plug w/100 sks "C" w/2% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tag @ 640'.
Set 7th plug w/25 sks "C" w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 640'.
Set 8th plug w/50 sks "C" w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 640'.
Set 9th plug w/50 sks "C" w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 640'.
Set 10th plug w/25 sks "C" w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 640'.
Set 11th plug w/25 sks Class C w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 703'.
Set 12th plug w/25 sks Class C w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 703'.
Set 13th plug w/50 sks Class C w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 600'.
Set 14th plug w/250 gals Sodium Silicate & 25 sks Class C w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 600'.
Set 15th plug w/250 gals Sodium Silicate & 25 sks Class C w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 600'.
Set 16th plug w/250 gals Sodium Silicate & 25 sks Class C w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 600'.
(NOTE: Put 30 yards of 3/8" pea gravel down annulus between plugs.)
Set 17th plug w/250 gals Sodium Silicate & 25 sks Class C w/4% CaCl₂. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 600'.
Set 18th plug w/100 sks Thixotropic "C" w/12% CaCl₂ & 1/4#/sk Celloflake. Mixed @ 14.8 #/g with 1.34 cf/sk yd. WOC. Tagged @ 580'.
Set 19th plug w/100 sks Thixotropic "C". WOC. Mixed @ 14.8 #/g with 1.34 cf/sk yd. Tagged @ 315'.
Set 20th plug w/100 sks Thixotropic "C". Mixed @ 14.8 #/g with 1.34 cf/sk yd. Circ 20 sks to pit.

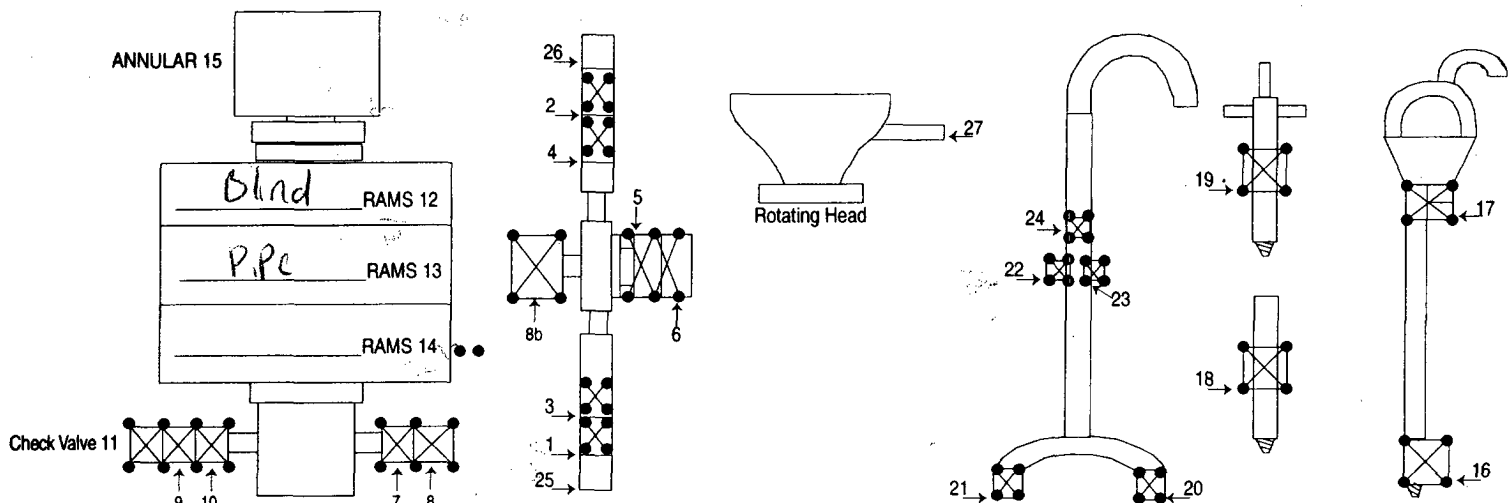
MAN WELDING SERVICES, INC.

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



INVOICE
 No B 3119

Company Mewbourne oil co Date 12-7-04 Start Time 3 am pm
 Lease Zuger 31 ocd com #1 County Eddy State NM
 Company Man _____
 Wellhead Vender _____ Tester Alex
 Drlg. Contractor Patterson Rig # 48
 Tool Pusher _____
 Plug Type C-22 Plug Size 1 1/2" Drill Pipe Size 4 1/2 X #
 Casing Valve Opened Yes Check Valve Open Yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
#1	10, 25, 6, 26, 12	10 min		5000	#8 flange leaked. ok.
#2	10, 16, 2, 12	10 min		5000	#10 flange leaked. O.K.
#3	10, 3, 5, 4, 12	10 min		5000	
#4	9, 8, 13	10 min		5000	
#5	11, 7, 13	10 min		5000	
#6	11, 7, 15	10 min		2500	
#7	18	10 min		5000	
#8	16	10 min		5000	
#9	17	10 min		5000	
#10	19	10 min		5000	

Joseph R. [Signature]

8 HR @ 900.00
 1 HR @ 850.00
 Mileage Methanol @ 100.00

SUB TOTAL 1085.00
 TAX 58.32
 TOTAL 1143.32

MAN WELDING SERVICES, INC

Company Albuquerque Oil Co Date 12 7 04
Lease Tracer 31 (rd 100411) County Chlor
Drilling Contractor Williams '18 Plug & Drill Pipe Size 4 1/2 V4

Accumulator Function Test - OO&GO#2

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

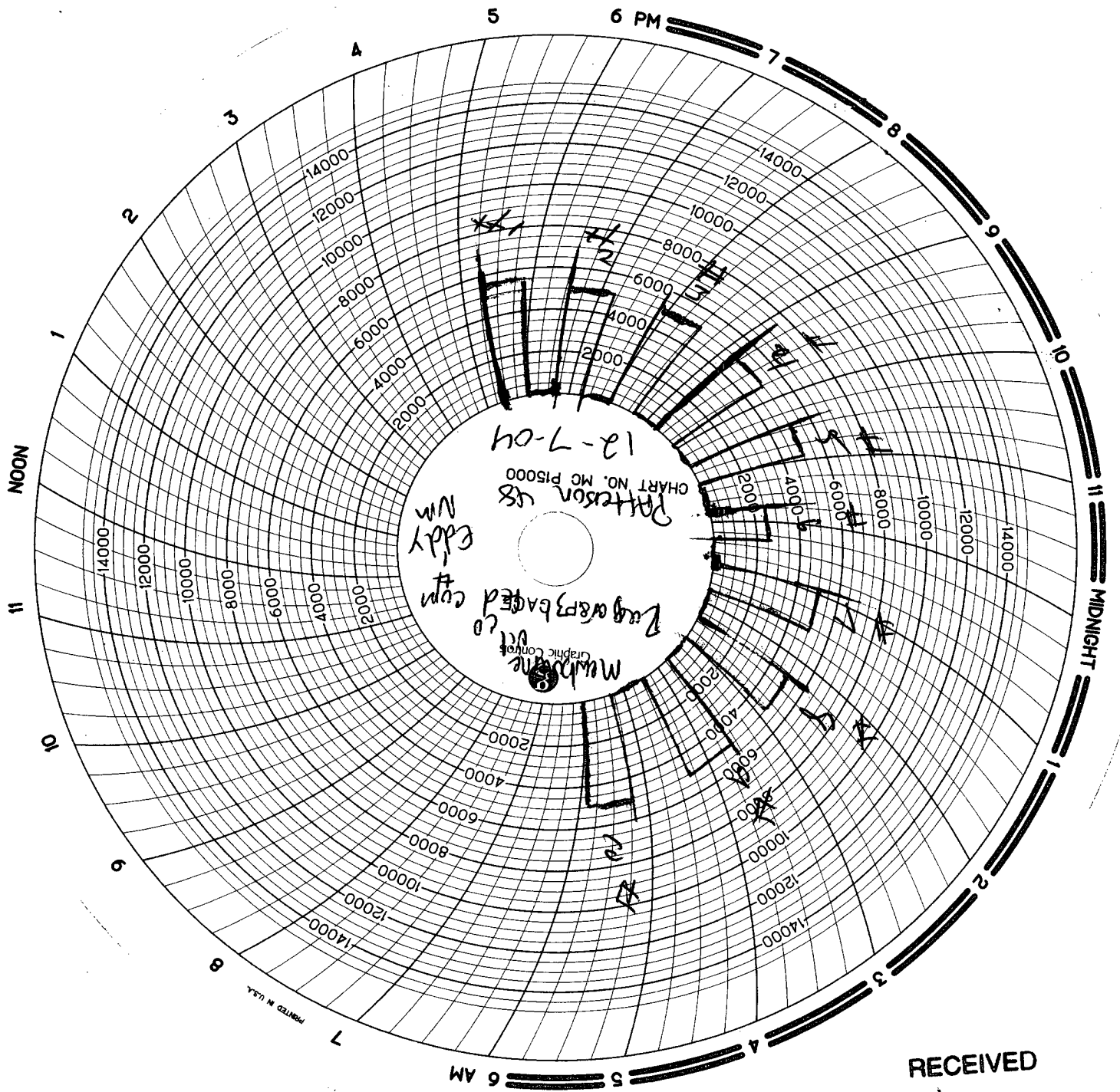
- Make sure all rams and annular are open and if applicable HCR is closed.
- Ensure accumulator is pumped up to working pressure! **(Shut off all pumps)**
 1. Open HCR Valve. (If applicable)
 2. Close annular.
 3. Close **all** pipe rams.
 4. Open one set of the pipe rams to simulate closing the blind ram.
 5. For 3 ram stacks, open the annular to achieve the 50+ % safety factor. (5M and greater systems).
 6. **Record remaining pressure** 1250 **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** 1100 **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** 1500 **. 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}



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