

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons.
N.M. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

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

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.
NMNM-89882
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
32672
8. Well Name and No.
Tamano 15 Fed Com #1
9. API Well No.
30-015-32919
10. Field and Pool, or Exploratory Area
Wildcat Morrow
11. County or Parish, State
Eddy County, 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
4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
990' FNL & 1190' FWL, Unit Letter D of Sec 15-T18S-R31E

3b. Phone No. (include area code)
505-393-5203

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 Spud & Csg Jobs
	<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.)

08/25/03...MI & spud 17 1/2" hole. TD'd hole @ 746'. Ran 746' 13 3/8" 48# H40 ST&C csg. Cemented w/ 400 sks Poz "C" w/ additives. Mixed @ 12.5 #/g w/ 1.97 yd. Tailed w/ 200 sk Class "C" w/ 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 180 sks to pit. WOC 18 hrs. Test BOPE to 1000 psi, OK. Drill out w/ 12 1/4" bit.

09/05/03...TD'ed 12 1/4" hole @ 4504'. Ran 4504' 9 5/8" 40# HCK55 LT&C Csg. Cemented w/ 1450 sks Poz "C" w/ additives. Mixed @ 12.5 #/g w/ 2.05 yd. Tailed w/ 200 sks Class "C" w/ 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 250 sks to pit. WOC 18 hrs.

*Test BOPE as required. All equipment passed. Charts and schematic attached. Drill out w/ 8 3/4" bit.

ACCEPTED FOR RECORD

SEP 22 2003

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

NM Young

Title Hobbs District Manager

Signature

NM Young by Kate Green

Date 09/15/03

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name
(Printed/Typed)

Title

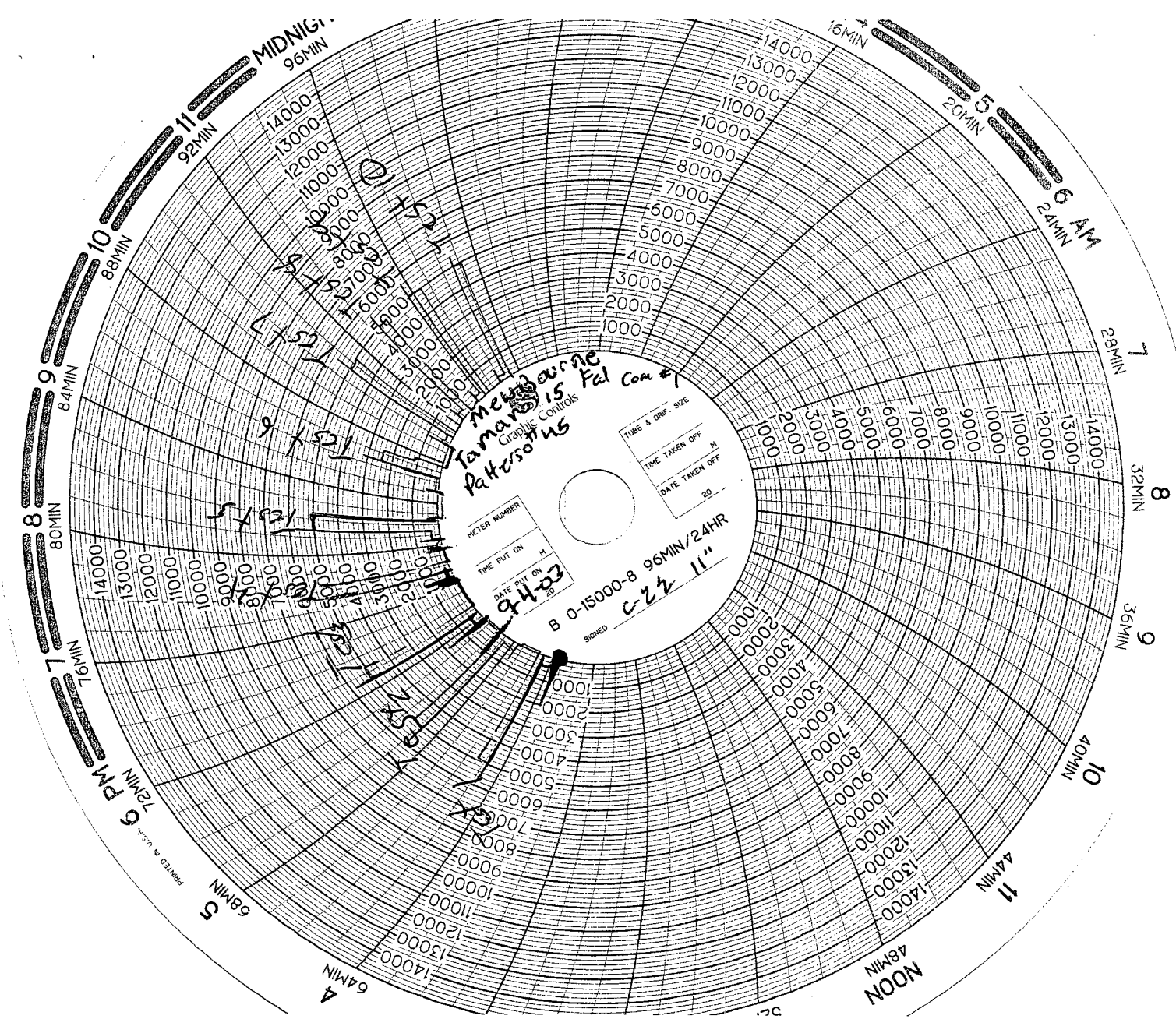
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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)

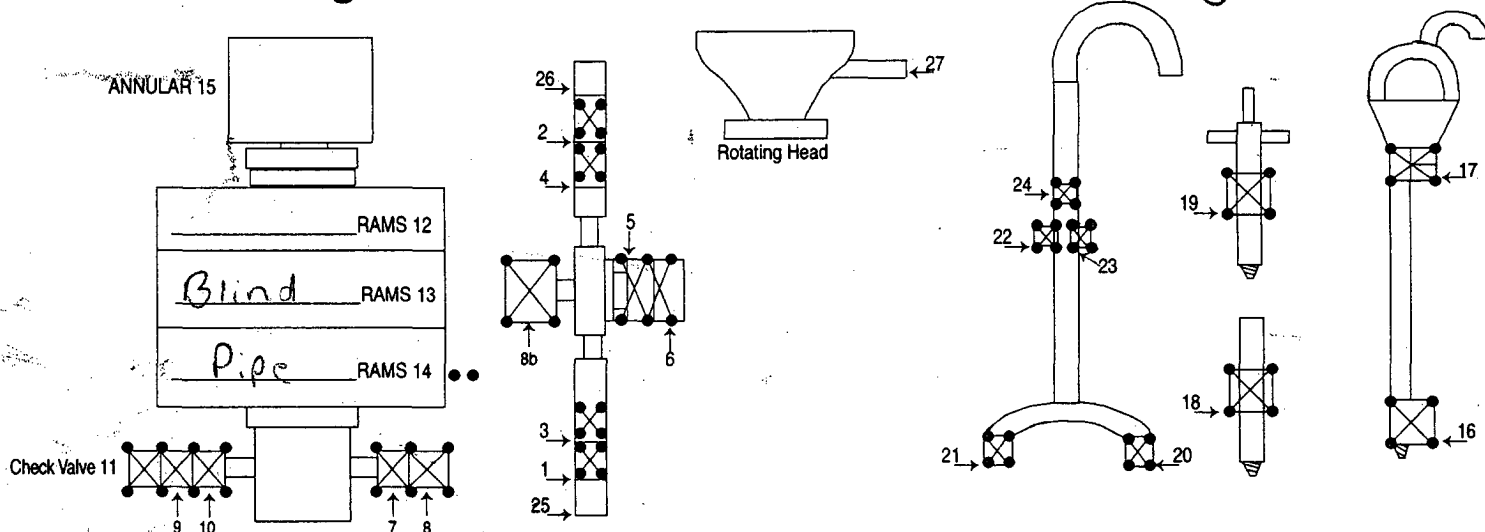


MAN WELDING SERVICE

(505) 396-4540

INVOICE NO B2068

Company New Bourne Date 9-4-03 Start Time 1200 ☒ am ☐ pm
 Lease Tamano 15 Frd Com #1 County Eddy State nm
 Company Man _____
 Wellhead Vender _____ Tester Keith
 Drlg. Contractor Datterson Rig # 45
 Tool Pusher _____
 Plug Type C-22 Plug Size 11" Drill Pipe Size 4 1/2 xH
 Casing Valve Opened yes Check Valve Open yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	25, 26, 5, 10, 13	5/10	250	5000	
2	1, 2, 5, 9, 13	5/10	250	5000	
3	3, 4, 5, 11, 13	5/10	250	5000	
4	8, 10, 14	9/10	250	5000	
5	7, 10, 14	5/10	250	5000	
6	7, 10, 15	5/10	250	25000	
7	16	5/10	250	5000	
8	17	5/10	250	5000	
9	18	5/10	250	5000	
10	19	5/10	250	5000	

8 HR@ 835.00
 1 HR@ 85.00
 Mileage _____ @ _____

SUB TOTAL \$ 960.00
 TAX 50.40
 TOTAL \$ 1010.40

Accumulator Function Test Procedure

C=Circumference, L=Length, W=Width, H=Height (Measurements in inches)

Reservoir Volume = $128 \text{ L} \times 14 \text{ W} \times 1 \text{ H} \div 231 = 7.8 \text{ gal/inch}$

Cyl Vol = $C^2 \div 924 \pi = 0.21 \text{ gal/inch}$ Sphere Vol = $C^3 \div 1386 \pi^2 = \text{gal}$ $\pi \approx 355 \div 113$
5.54

O.O. & G.O. #2.III.A.2.c.i,ii,or iii - Stored Usable Fluid

1. With all rams open & HCR closed, pump accumulator to the maximum pressure switch shut down working psig. recorded psig: 3,000
2. Shut off power to all pumps. Record the hydraulic fluid reservoir lower level gauge 11 "
3. Open HCR, close annular, and all pipe rams. Simulate closing the blind rams by opening one set of the pipe rams.
4. Achieve the required 50% safety factor for systems of 5M or greater by opening the annular.
5. Remaining recorded psig: 1500 (can be 950 for a accumulator rated @1500 or 1200 for a accumulator rated @2000/3000psig).

Record the hydraulic fluid reservoir top level gauge 18 "

USED: (res top level" - res lower level") X Res gal/in = 54.6 gal
Is 18 "top level X 7.8 gal/in = 140 gal of available hydraulic fluid in reservoir, at least double the USED gal? ☒ yes ☐ no

O.O. & G.O. #2.III.A.2.f - Pump Capacity

1. Close the HCR valve if applicable & open the annular preventer.
2. Shut the accumulator bottle or spherical valve(isolate the nitrogen pressure from the manifold). Open the manifold bleed off valve to drain the hydraulic fluid pressure to the reservoir. Manifold should go to 0 psig. Close the manifold bleed off valve.
3. Open the HCR valve if applicable & close the annular preventer. (They will move as the manifold pressure is pumped up).
4. Start up all pumps. Record time for the pump(s) only to regain manifold pressure: 950 for accumulator rated @1500 or 1200 for accumulator rated @2000/3000psig.

1:35 (2 minutes or less?) ☒ yes ☐ no

O.O. & G.O. #2.III.A.2.d - Nitrogen Precharge

1. Open the accumulator bottle or spherical valve(apply the nitrogen pressure back on the manifold). Registered manifold pressure should be above 950psig for an accumulator rated @1500 or 1200psig for an accumulator rated @2000/3000psig.
2. Shut off power to all pumps. Open the manifold bleed off valve to slowly drain the nitrogen charged hydraulic fluid pressure into the reservoir. Observe the manifold pressure gauge, at the lowest nitrogen bottle precharge pressure it should drop suddenly. Record this psig. Close the manifold bleed off valve. Bump the electric pump with power and the manifold pressure gauge should jump to this lowest nitrogen precharge. Precharge Recorded: 1100 psig. This should be between 700 & 800psig for a 1500psig system and between 900 & 1100psig for a 2000/3000psig system.

Well #: Tamano #15 Fed Com #1 API: _____ Lse #: _____

Rig #: Patterson #45 Testing Co: man

Tester: Keith Willis Date: 9-4-03