

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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 page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM111528
2. Name of Operator MEWBOURNE OIL COMPANY		6. If Indian, Allottee or Tribe Name
Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address PO BOX 5270 HOBBS, NM 88241	3b. Phone No. (include area code) Ph: 575-393-5905	8. Well Name and No. FORTY NINER RIDGE UNIT 105H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T23S R30E Mer NMP SESE 525FSL 666FEL		9. API Well No. 30-015-44219
		10. Field and Pool or Exploratory Area FORTY NINER RIDGE BONE SP
		11. County or Parish, State EDDY COUNTY, NM

12. CHECK THE 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"/> Hydraulic Fracturing	<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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well Spud
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

10/09/17...Spud 17 1/2" hole. TD'd hole @ 435'. Ran 427' of 13 3/8" 54.5# J55 ST&C csg. Cemented with 500 sks Class C w/additives. Mixed @ 14.8 #/g w/ 1.33 yd. Displaced w/60 bbls FW. Plug down @ 12:15 P.M. 10/10/17. Circ 253 sks cement to pit. Tested BOPE to 5000# & Annular to 3500#. Tested standpipe & mud lines to the pumps to 5000#. At 5:30 A.M. 10/16/17, tested csg to 1500# for 30 minutes, held OK. Drilled out with 12 1/4" bit. FIT test to EMW of 10.5 PPG.

Chart & Schematic attached.

Bond on file: NM1693 nationwide & NMB000919

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 07 2017

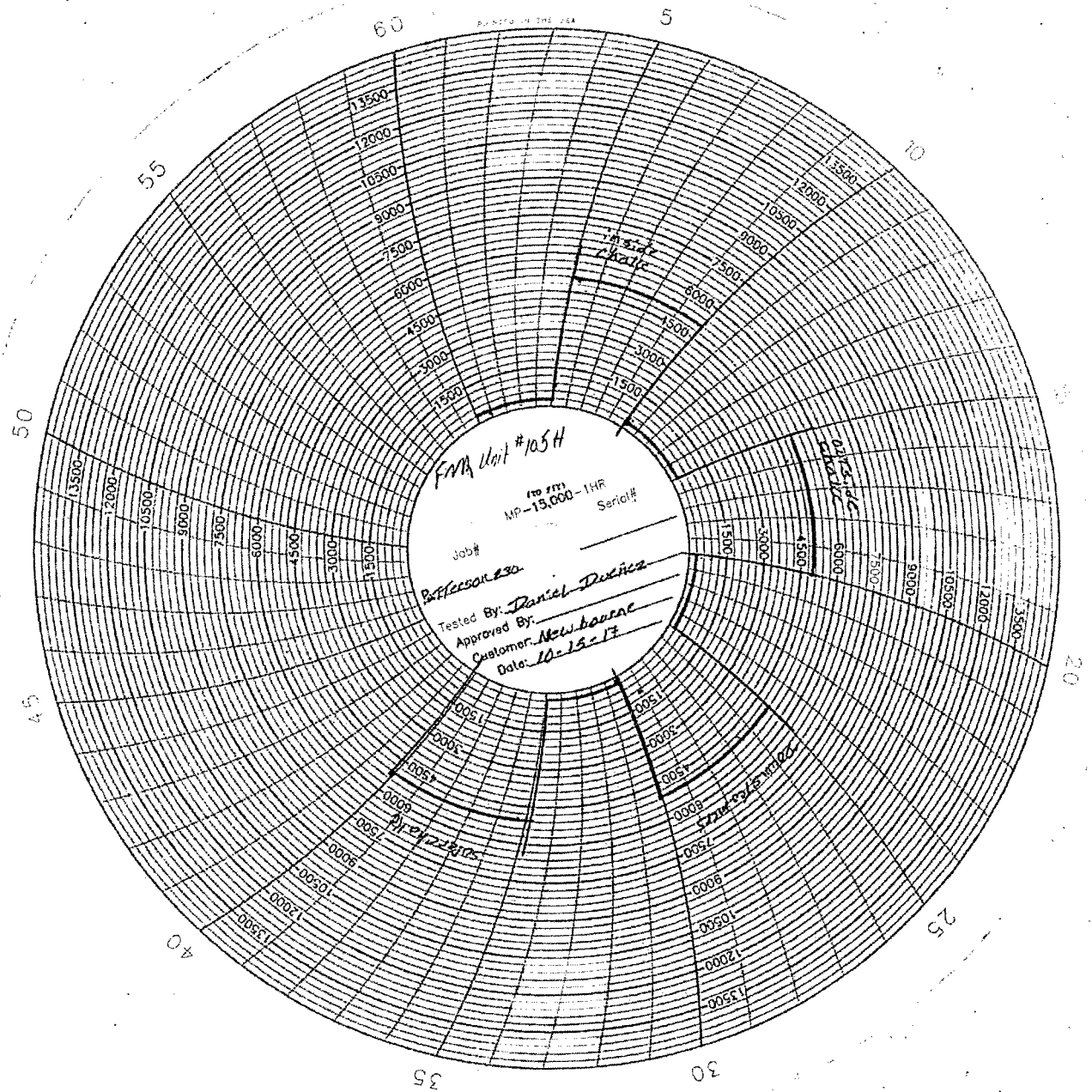
Accepted for record - NMOCD

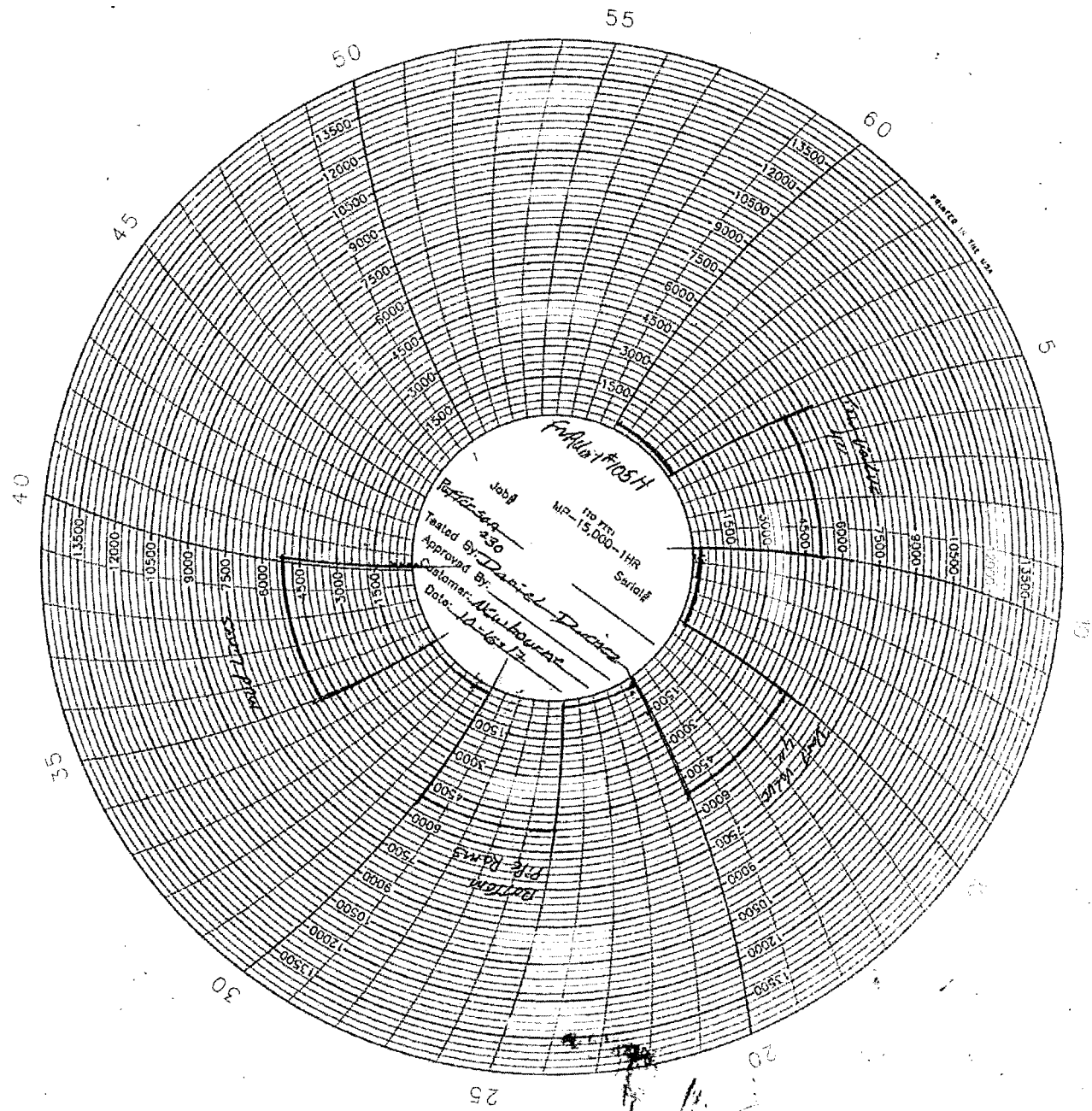
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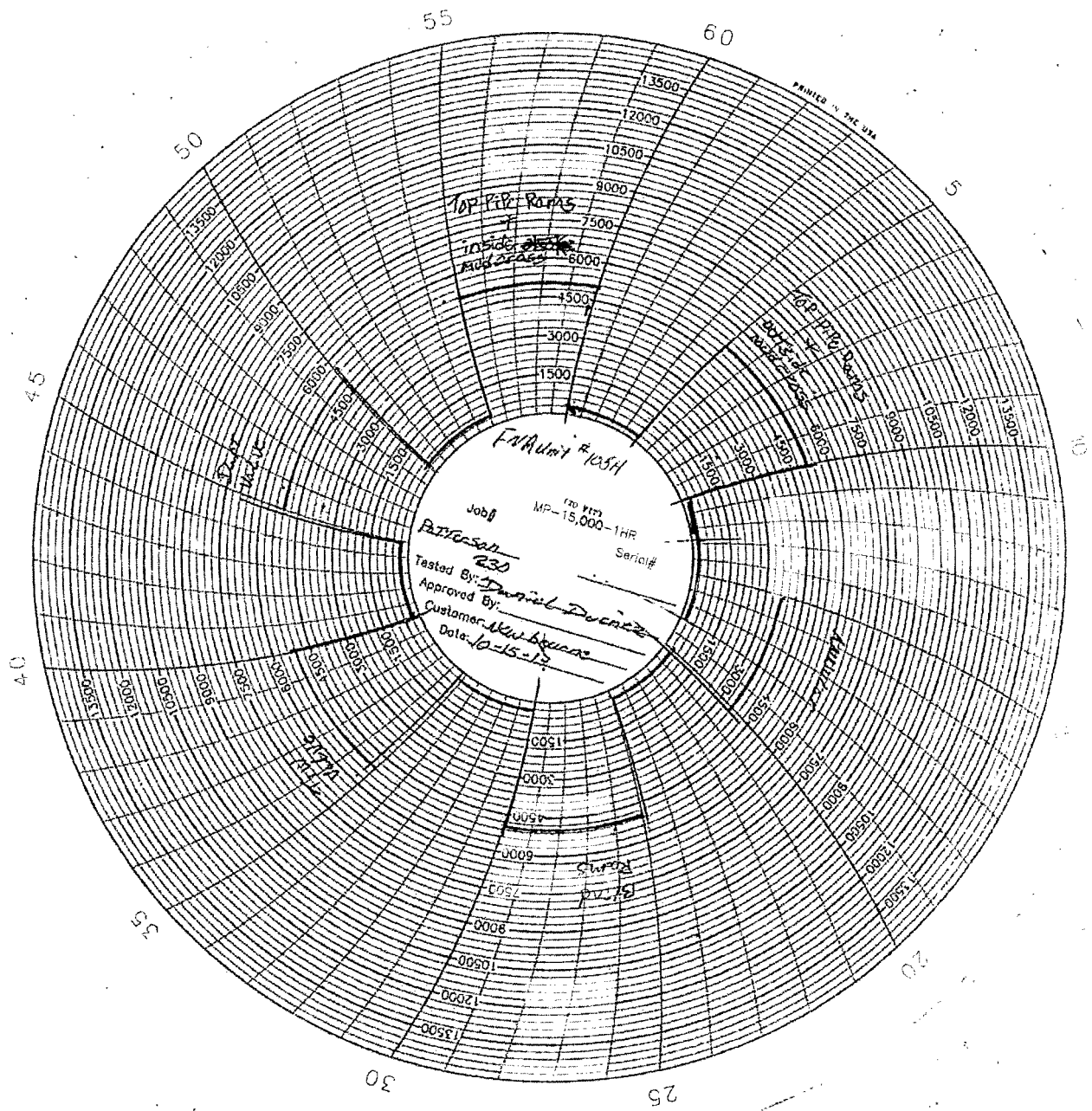
14. I hereby certify that the foregoing is true and correct. Electronic Submission #392846 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/24/2017 ()	
Name (Printed/Typed) JACKIE LATHAN	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 10/24/2017
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	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 _____
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.	

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****







10-15-17
Patterson 280
Mewbourne
FNB Unit #105H

Accumulator Function Test

TO CHECK THE USABLE FLUID STORED IN THE ACCUMULATOR BOTTLES ON THE ACCUMULATOR (O.O. #2 section III.A.2.c.i. or ii or iii)

1. Make sure all rams and annular are open and if applicable HCR is closed.
2. Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
3. Open HCR Valve. (If applicable)
4. Close annular.
5. Close **all** pipe rams.
6. Open one set of the pipe rams to simulate closing the blind ram.
7. If you have a 3 ram stack open the annular to achieve the 50±% safety factor for 5M and greater systems).
8. Accumulator pressure should be 200 psi over **desired** precharge pressure, (Accumulator working pressure {1500 psi = 750 **desired** psi} {2000 and 3000 psi = 1000 **desired** psi}).

Record the remaining pressure 1600 psi.

If annular is closed, open it at this time and close HCR.

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS (O.O. #2 section III.A.2.f.)

Shut the accumulator bottles or spherical, (isolate them from the pumps & manifold)

open the bleed off valve to the tank,(manifold psi should go to 0 psi) close bleed valve.

NOTE: Make sure that the HCR is fully closed and the annular is fully open prior to going through the next steps:

1. Open the HCR valve handle, (if applicable).
2. Close annular valve handle.
3. With **pumps** only, time how long it takes to regain manifold pressure to 200 psi over **desired** precharge pressure! (Accumulator working pressure {1500 psi = 750 **desired** psi} {2000 and 3000 psi = 1000 **desired** psi}).

Record elapsed time 46 Sec. (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL (O.O. #2 section III.A.2.d.)

1. Open bottles back up to the manifold (pressure should be above the **desired** precharge pressure, {1500 psi = 750 **desired** psi} {2000 and 3000 psi = 1000 **desired** psi}) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank.
3. Watch and record where the pressure drops, (**accumulator** psi).

Record the pressure drop 950 psi.

If pressure drops below MINIMUM precharge, (Accumulator working pressure {1500 psi = 700 min.} {2000 and 3000psi = 900 psi min.}) each bottle shall be independently checked with a gauge.



B.O.P. Ram-Block & Iron Rentals, Inc.

Company Albermarle

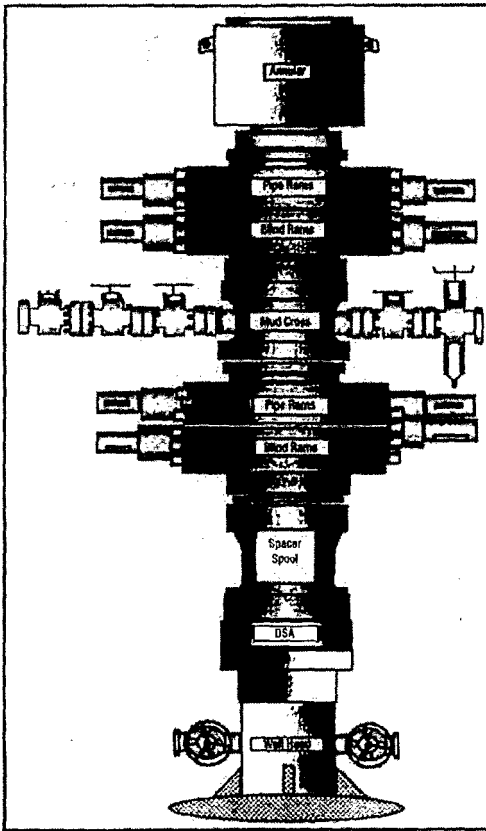
Lease Forty Nine Ridge Unit #105H

Rig No. P-100000-230

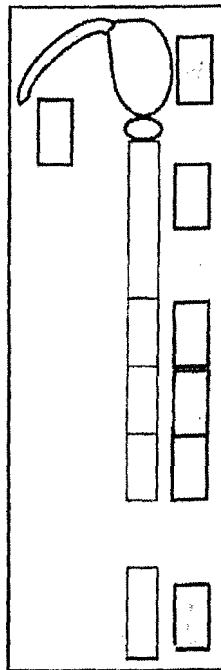
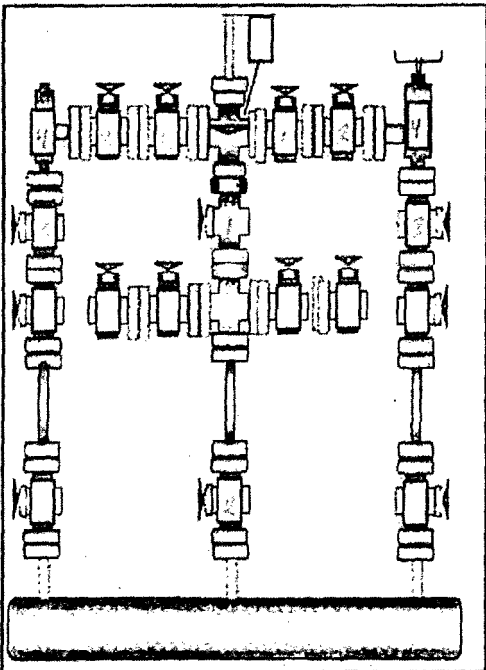
Country/Parish _____

Test Date 11-15-17

Company Phone # _____



Test Sequence	Low Test		High Test		Remarks
	PSI	Duration	PSI	Duration	
#1	200	5:00	500	5:00	1st test
#2	200	5:00	500	5:00	2nd test
#3	200	5:00	500	5:00	3rd test
#4	200	5:00	500	5:00	4th test
#5	200	5:00	500	5:00	5th test
#6	200	5:00	500	5:00	6th test
#7	200	5:00	500	5:00	7th test
#8	200	5:00	500	5:00	8th test
#9	200	5:00	500	5:00	9th test
#10	200	5:00	500	5:00	10th test
#11	200	5:00	500	5:00	11th test
#12	200	5:00	500	5:00	12th test
#13	200	5:00	500	5:00	13th test
#14	200	5:00	500	5:00	14th test
#15					
#16					
#17					
#18					
#19					
#20					
#21					



BOP Size and Working Pressure 2000 PSI
 Manifold Size & Working Pressure 4" 5000 PSI
 Wellhead Size and Type 5000 PSI
 Drillpipe Connection 7/8" B. 4000 PSI
 Test Medium Water
 Unit Operator James H. Jones
 Charts Received by James H. Jones
 Company Representative James H. Jones