

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.
NMNM56426

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 28. Well Name and No.
PAVO FRIO 29/30 B2FE FED COM 1H9. API Well No.
30-015-45405-00-X110. Field and Pool or Exploratory Area
PALMILLO-BONE SPRING, EAST11. County or Parish, State
EDDY COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
MEWBOURNE OIL COMPANYContact: JACKIE LATHAN
E-Mail: jlathan@mewbourne.com3a. Address
P O BOX 5270
HOBBS, NM 88241

3b. Phone No. (include area code)

Ph: 575-393-5905

NM OIL CONSERVATION

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

Sec 29 T18S R29E SENW 2100FNL 2450FWL
32.719921 N Lat, 104.097542 W Lon

FEB 08 2019

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Well Spud
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recompleat 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.

12/15/18

Spud 17 1/2" hole @ 320'. Ran 305' of 13 3/8" 54.5# J55 ST&C Csg. Cemented with 180 sks Class C Thixad w/additives. Mixed @ 14.4#/g w/1.54 yd. Followed w/350 sks Class C w/1% CaCl2. Mixed @ 14.8#/g w/1.34 yd. Displaced w/41 bbls of FW. Plug down @ 12:15 AM 12/16/18. Did not circ cmt. Lift pressure @ 75# @ 3.3 BPM.

Ran temp surv indicating TOC @ 163?.

PU 1? pipe. Tag @ 168?. Ran 1? pipe in 2 stages with 134 sks Class C w/3% CaCl2. Mixed @ 14.4#/g w/1.54 yd. Circ 84 sks of cmt to the cellar.

Test BOPE to 5000# & Annular to 3500#. At 2:00 P.M. 12/17/18, tested csg to 1500#, held OK. FIT test to 10.2 PPG EMW. Drilled out with 12 1/4" bit.

Charts & Schematic attached.

ENTERED
2-12-19Accepted For Record
NMOCD
2-12-19

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

Electronic Submission #450933 verified by the BLM Well Information System
For MEWBOURNE OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 01/29/2019 (19PP0774SE)

Name (Printed/Typed) RUBY O CABALLERO

Title REGULATORY

Signature (Electronic Submission)

Date 01/17/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

FEB 01 2019

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

/s/ Jonathon Shepard

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.

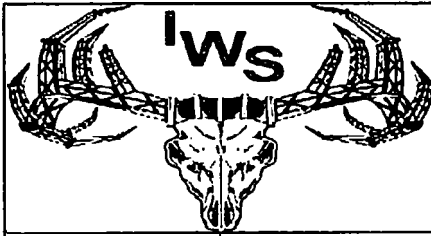
(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional data for EC transaction #450933 that would not fit on the form

32. Additional remarks, continued

Bond on file: NM1693 nationwide & NMB000919



TEMPRATURE LOG

Company MEWBOURNE Well PAVO FRIO B2FE FED COM 1H Field PAVO FRIO B2FE FED COM 1H County EDDY State NEW MEXICO	Country USA	Company MEWBOURNE
		Well PAVO FRIO B2FE FED COM 1H
		Field
		County EDDY
	State NEW MEXICO	Country USA
Location:		API #: 30-015-45405
		CARLSBAD, NEWMEXICO
SEC N/A TWP RGE N/A		Other Services N/A
Permanent Datum GROUND LEVEL Elevation N/A		Elevation
Log Measured From KELLY BUSHING		K.B. 29
Drilling Measured From KELLY BUSHING		D.F. N/A
		G.L. N/A

Date	12/16/18
Run Number	1
Depth Driller	265
Depth Logger	265'
Bottom Logged Interval	265'
Top Log Interval	RIG FLOOR
Open Hole Size	N/A
Type Fluid	H2O
Density / Viscosity	N/A
Max. Recorded Temp.	88.8
Estimated Cement Top	146'
Time Well Ready	7:15 AM
Time Logger on Bottom	7:25 AM
Equipment Number	100101
Location	STANTON TEXAS
Recorded By	CHANCE LONGO
Witnessed By	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

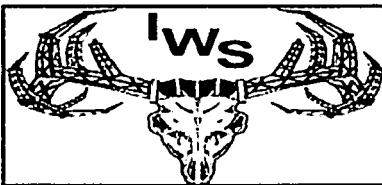
Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	N/A	N/A	N/A	N/A
Prot. String	N/A	N/A	N/A	N/A
Production String	N/A	N/A	N/A	N/A
Liner	N/A	N/A	N/A	N/A

<<< Fold Here >>>
 All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also

subject to our general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR USING INTENSE WIRELINE SOLUTIONS
MAX TEMP- 88.8*
TOP OF CEMENT@ 146'
AGAIN THANKS FOR USING INTENSE WIRELINE SOLUTIONS
FOR ANY QUESTIONS OR COMMENTS PLEASE CALL (405) 323-4466

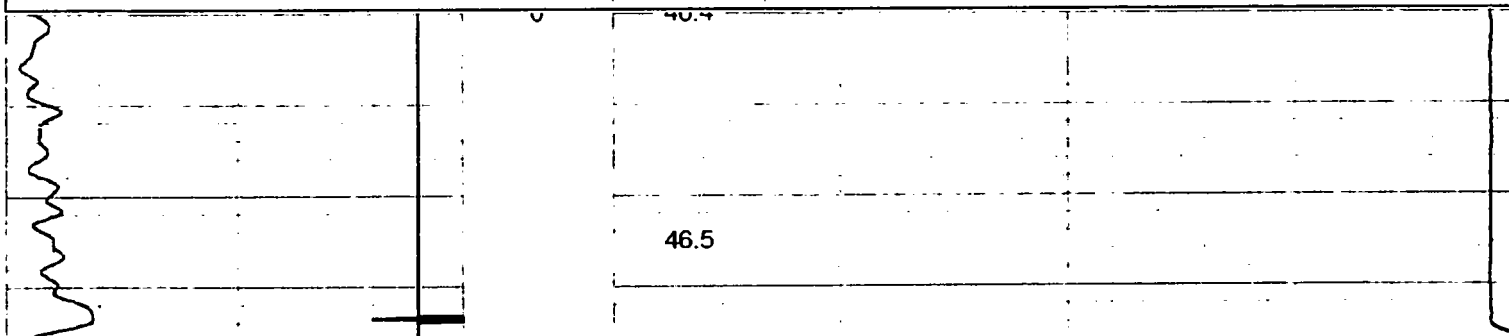


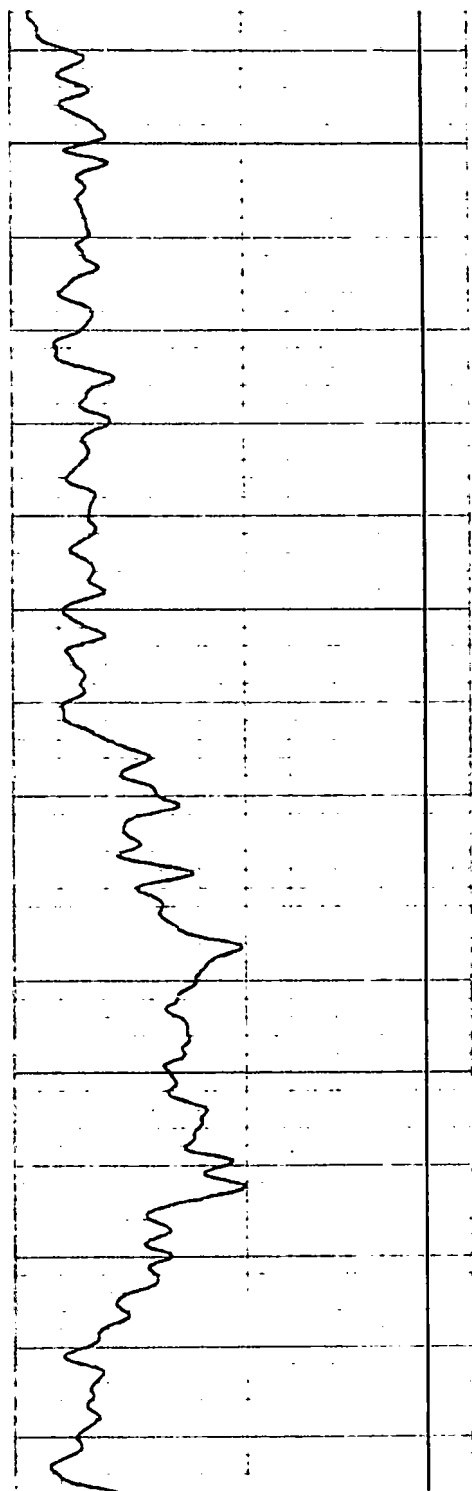
REPEAT TEMPRATURE LOG PASS

LOGGING DOWN HOLE

Database File: pavo_frio_b2gh_fed_com_1h.db
Dataset Pathname: pass3
Presentation Format: temp
Dataset Creation: Sun Dec 16 07:28:26 2018 by Log SCH 120126
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	50	TEMP (degF)	145
9	CCL	-1	TEMP (degF)		





50

60.8

63.5

100

65.0

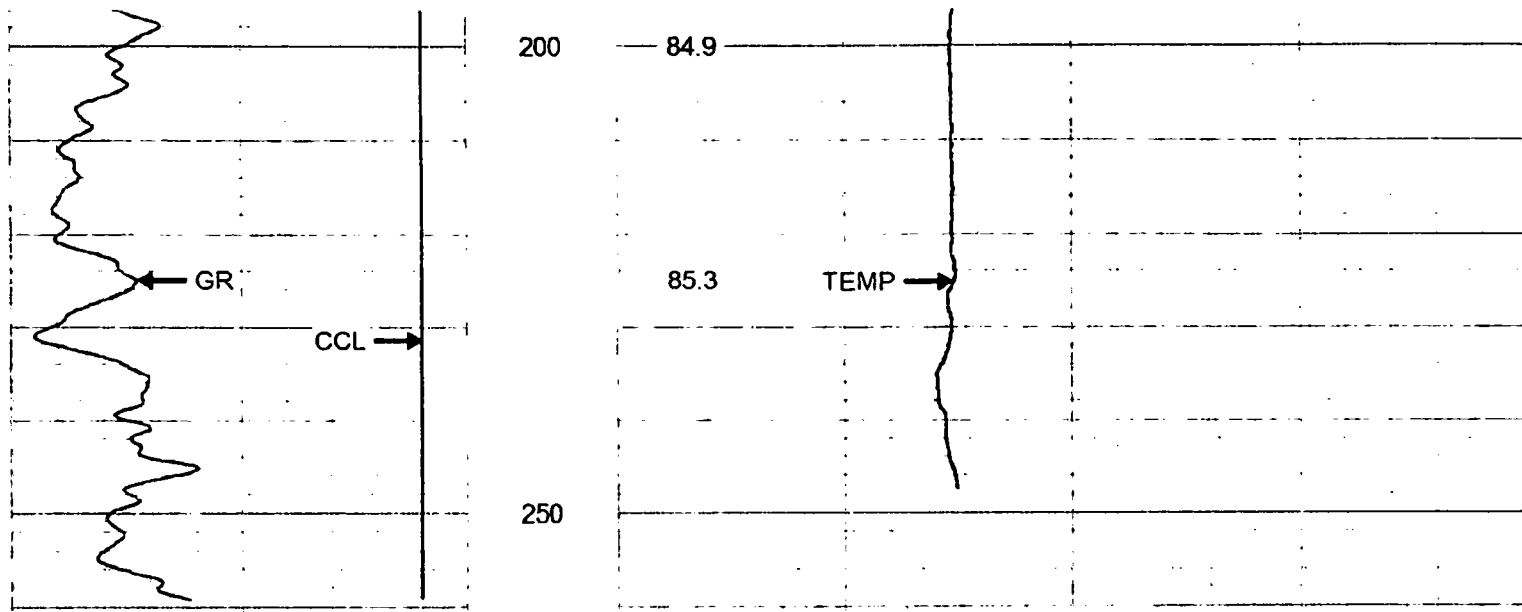
66.0

150

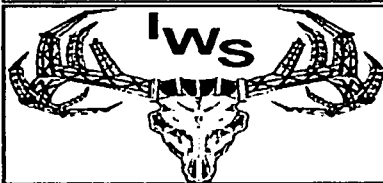
69.7

Top of Cement

82.9 TEMP

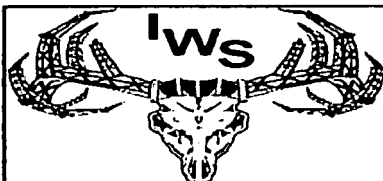


0	GR (GAPI)	150	50	TEMP (degF)	145
9	CCL	-1	TEMP (degF)		



REPEAT TEMPRATURE LOG PASS

LOGGING DOWN HOLE

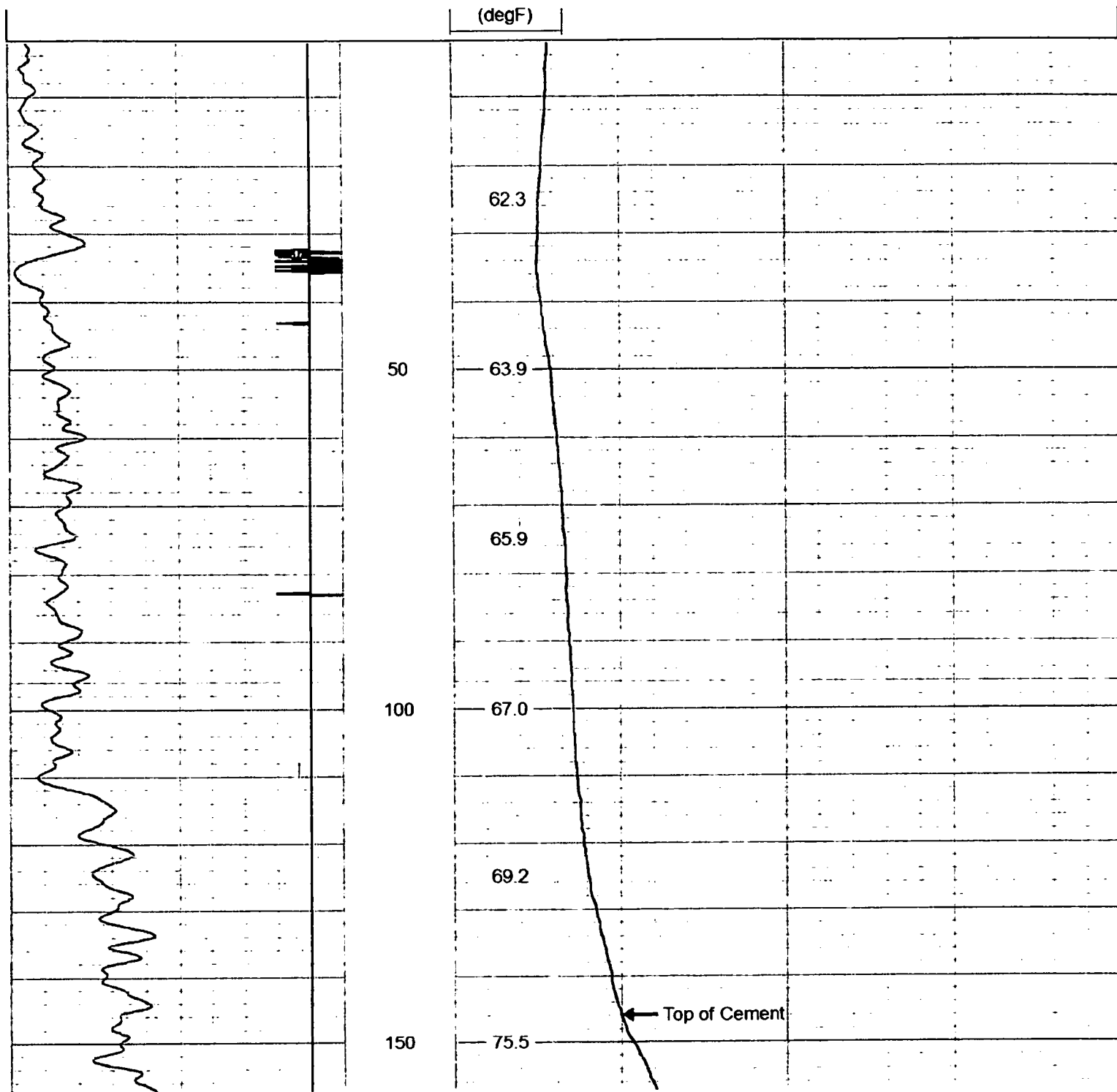


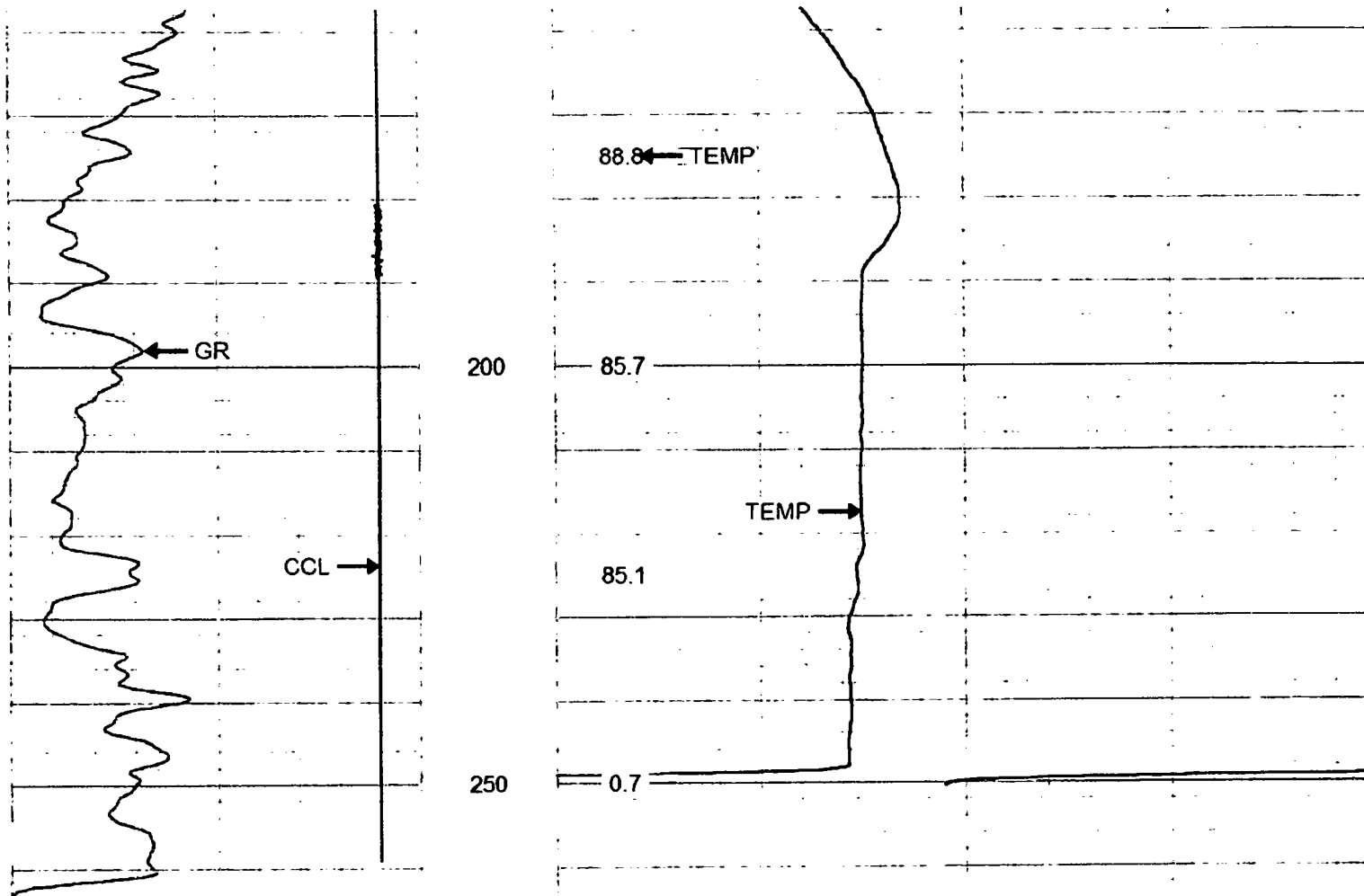
MAIN TEMPRATURE LOG PASS

LOGGING OUT OF THE HOLE

Database File: pavo_frio_b2gh_fed_com_1h.db
 Dataset Pathname: pass4
 Presentation Format: temp
 Dataset Creation: Sun Dec 16 07:35:15 2018 by Log SCH 120126
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	50	TEMP (degF)	145
9	CCL	-1	TEMP		





0	GR (GAPI)	150
9	CCL	-1

50	TEMP (degF)	145
TEMP (degF)		



MAIN TEMPRATURE LOG PASS

LOGGING OUT OF THE HOLE

Calibration Report

Database File: pavo_frio_b2gh_fed_com_1h.db
Dataset Pathname: pass4

Gamma Ray Calibration Report

Serial Number: 110648
 Tool Model: Probe
 Performed: Sun Jun 13 14:33:21 1993

 Calibrator Value: 1.0 GAPI

 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

 Sensitivity: 1.0000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 110631
 Tool Model: Probe275T

 Calibration Casing Diameter: 5.500 in
 Calibration Depth: 1644.633 ft

Master Calibration, performed Sun Dec 02 13:20:23 2018:

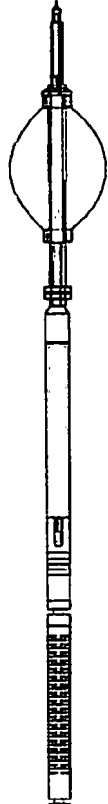
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	0.577	1.000	71.921	124.533	0.105
CAL	0.011	0.917				
5'	0.006	0.496	1.000	71.921	144.646	0.152
SUM						
S1	0.007	0.613	0.000	100.000	164.948	-1.176
S2	0.007	0.567	0.000	100.000	178.327	-1.165
S3	0.007	0.557	0.000	100.000	181.818	-1.190
S4	0.006	0.557	0.000	100.000	181.528	-1.179
S5	0.007	0.560	0.000	100.000	180.915	-1.226
S6	0.007	0.570	0.000	100.000	177.597	-1.197
S7	0.007	0.576	0.000	100.000	175.843	-1.215
S8	0.007	0.600	0.000	100.000	168.699	-1.231

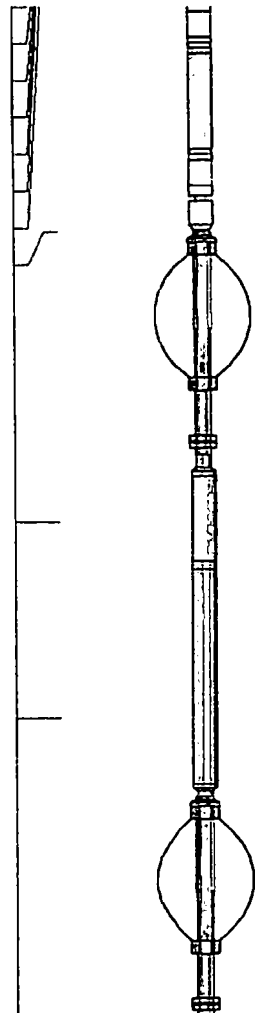
Internal Reference Calibration, performed Tue Jul 05 13:00:24 2011:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.011	0.917	1.000	0.000

Air Zero Calibration, performed Fri Nov 09 15:31:56 2018:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
HeadVolt	19.33		STNDRD Standard Cable Head	1.08	1.38	10.00
			PTS275	2.83	2.75	
			RBT-Probe275T (110631)	9.39	2.75	
WVFS1	14.25					
WVFS2	14.25					
WVFS3	14.25					
WVFS4	14.25					

WVFS3	14.25					
WVFS4	14.25					
WVFS5	14.25					
WVFS6	14.25					
WVFS7	14.25					
WVFS8	14.25					
WVF5FT	13.25					
WVFCAL	10.00					
			PTS275	2.83	2.75	
CCL	6.33					
			GR-Probe (110648) Probe 2.75" 4 Channel Pulse	4.33	2.75	30.00
GR	3.83					
			PTS275	2.83	2.75	

Dataset:

Total Length:

Total Weight:

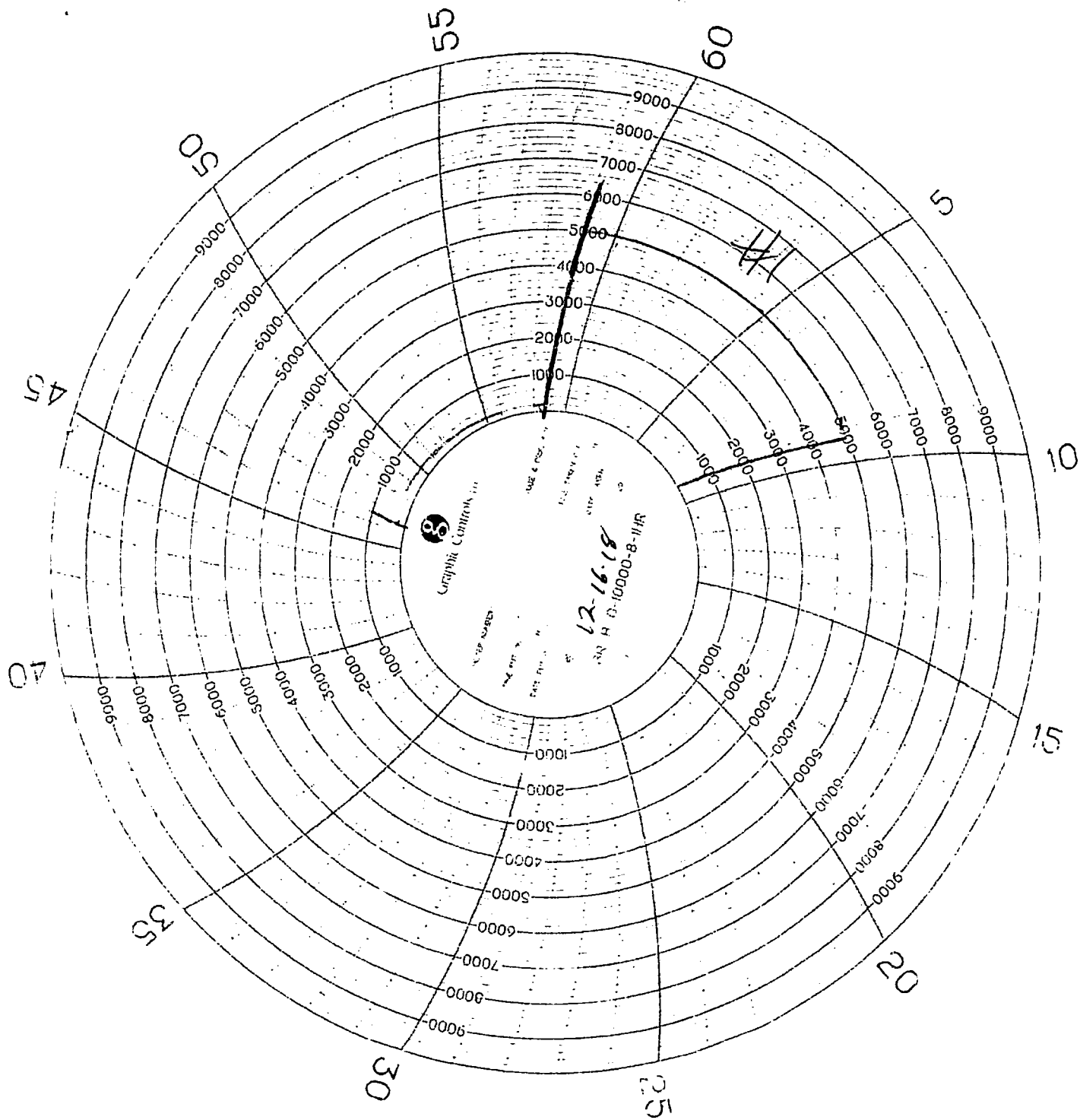
O.D.

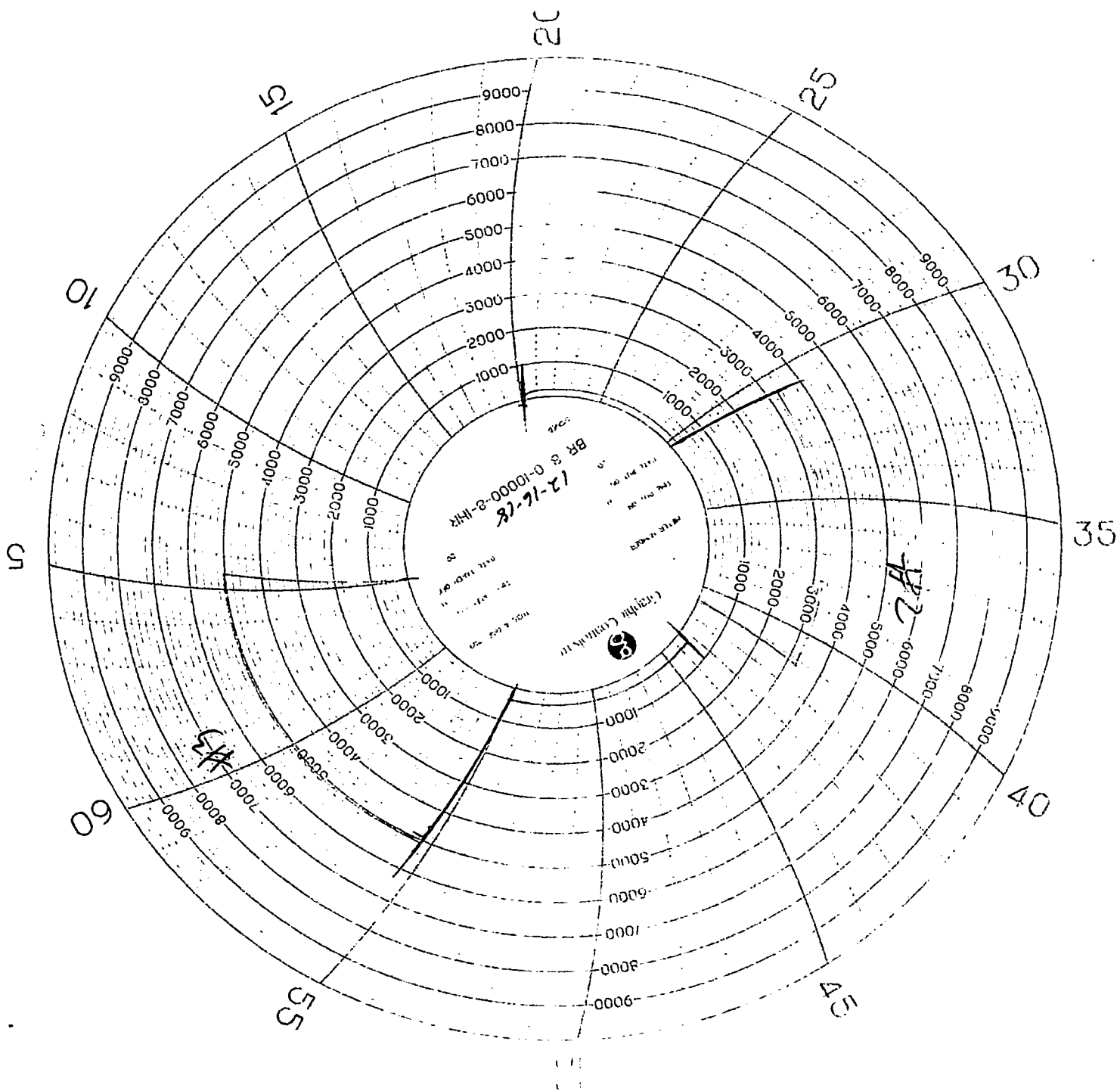
pavo_frio_b2gh_fed_com_1h.db: field/well/run1/pass4

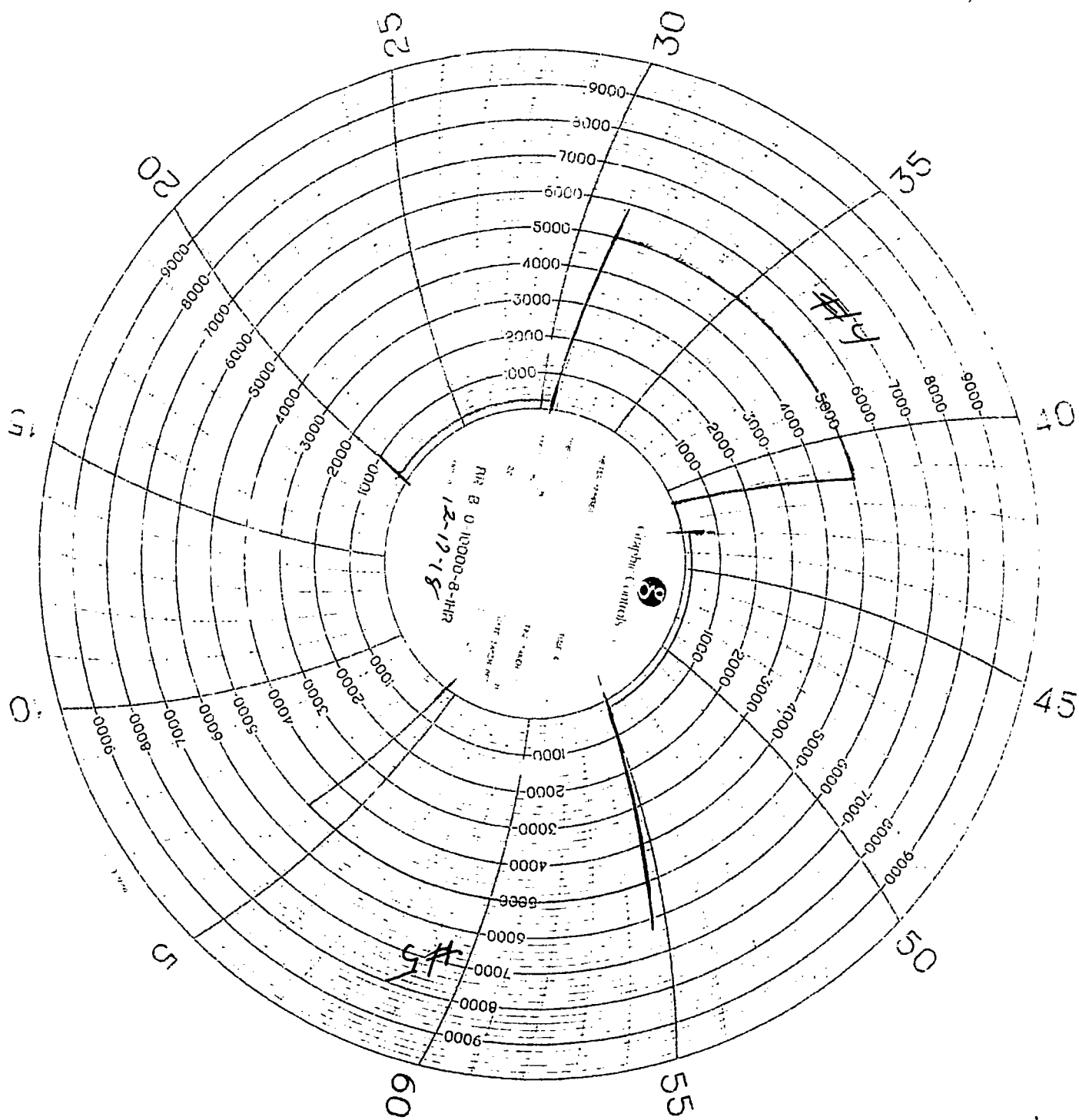
23.31 ft

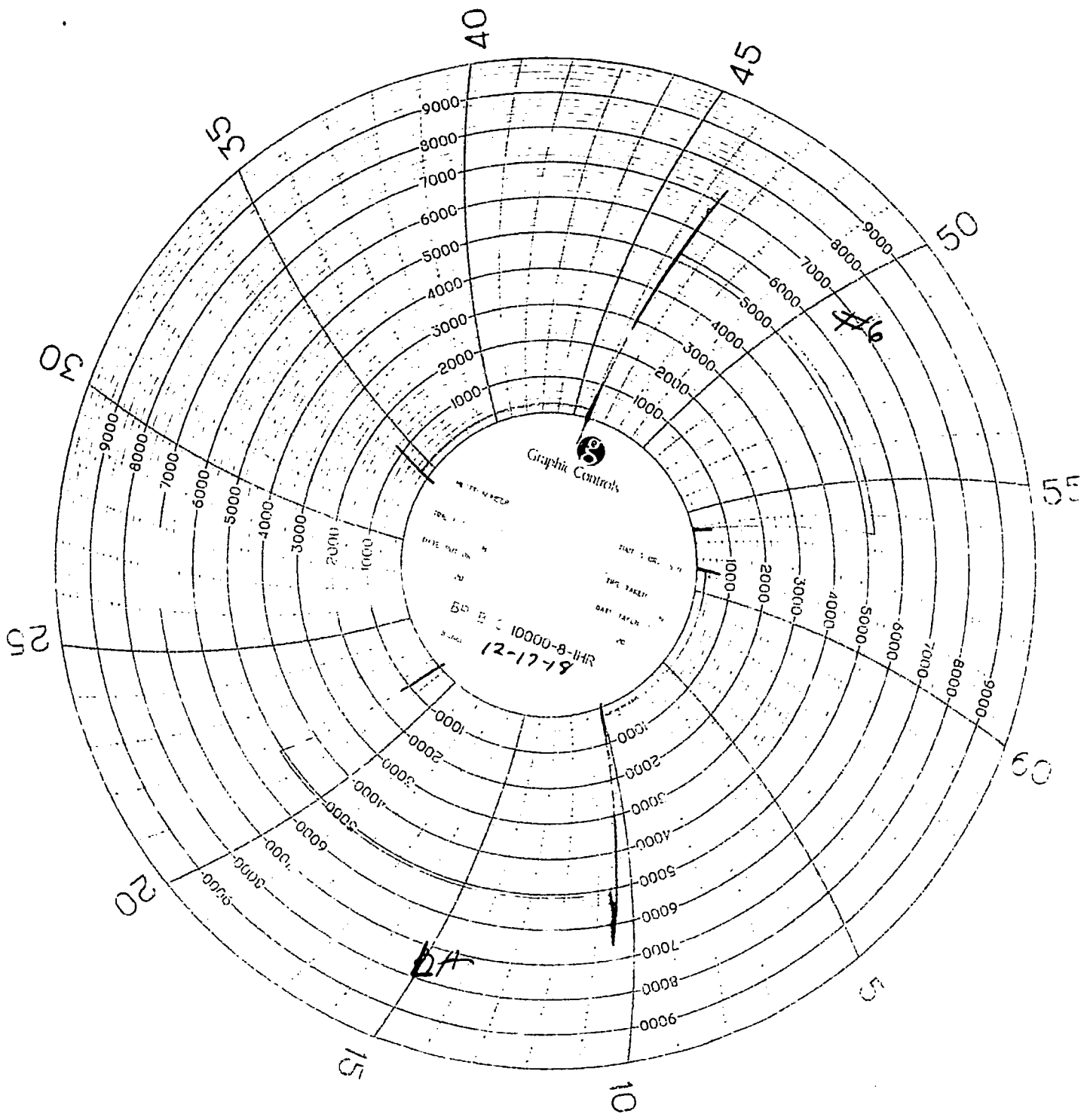
40.00 lb

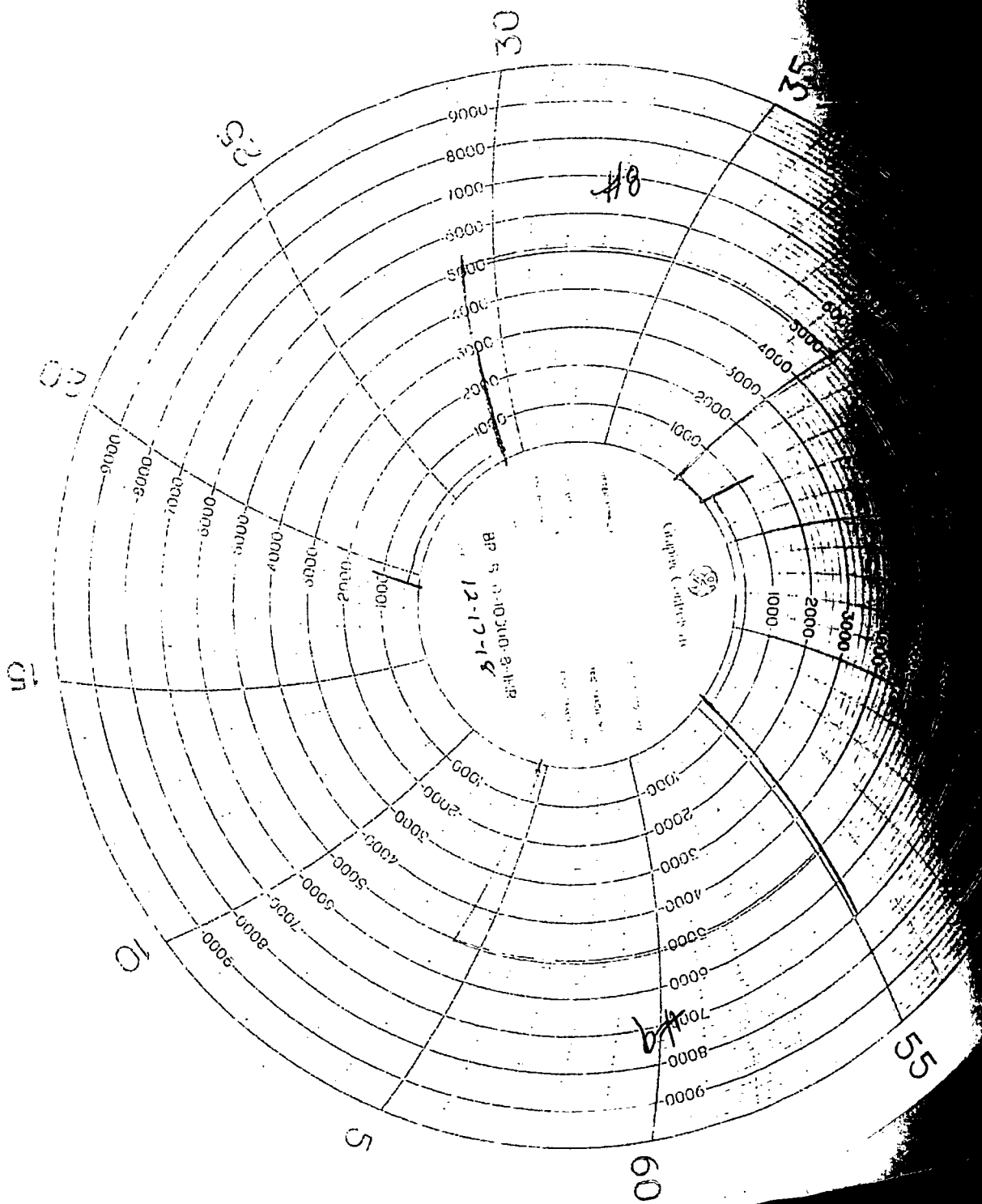
2.75 in

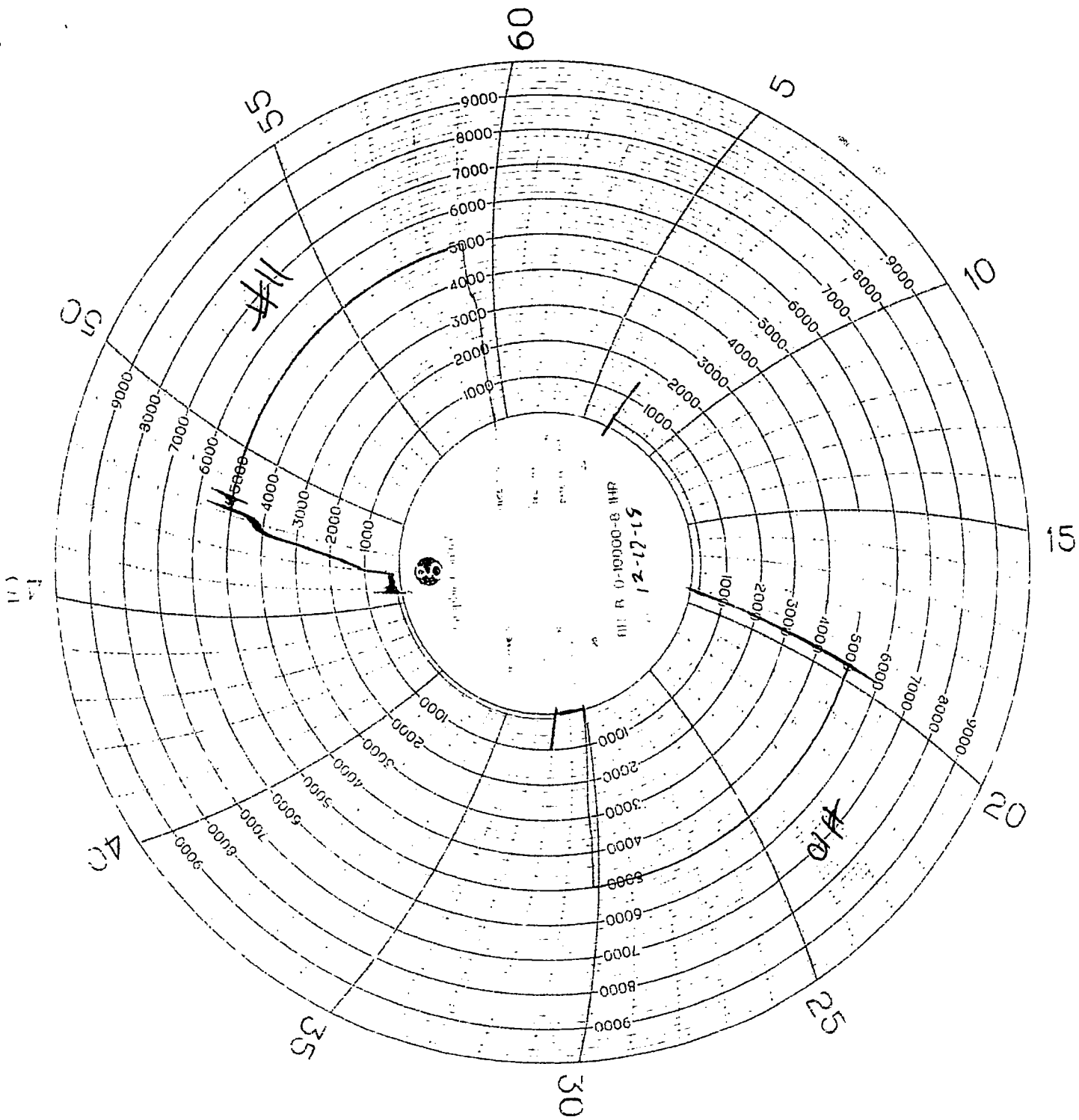


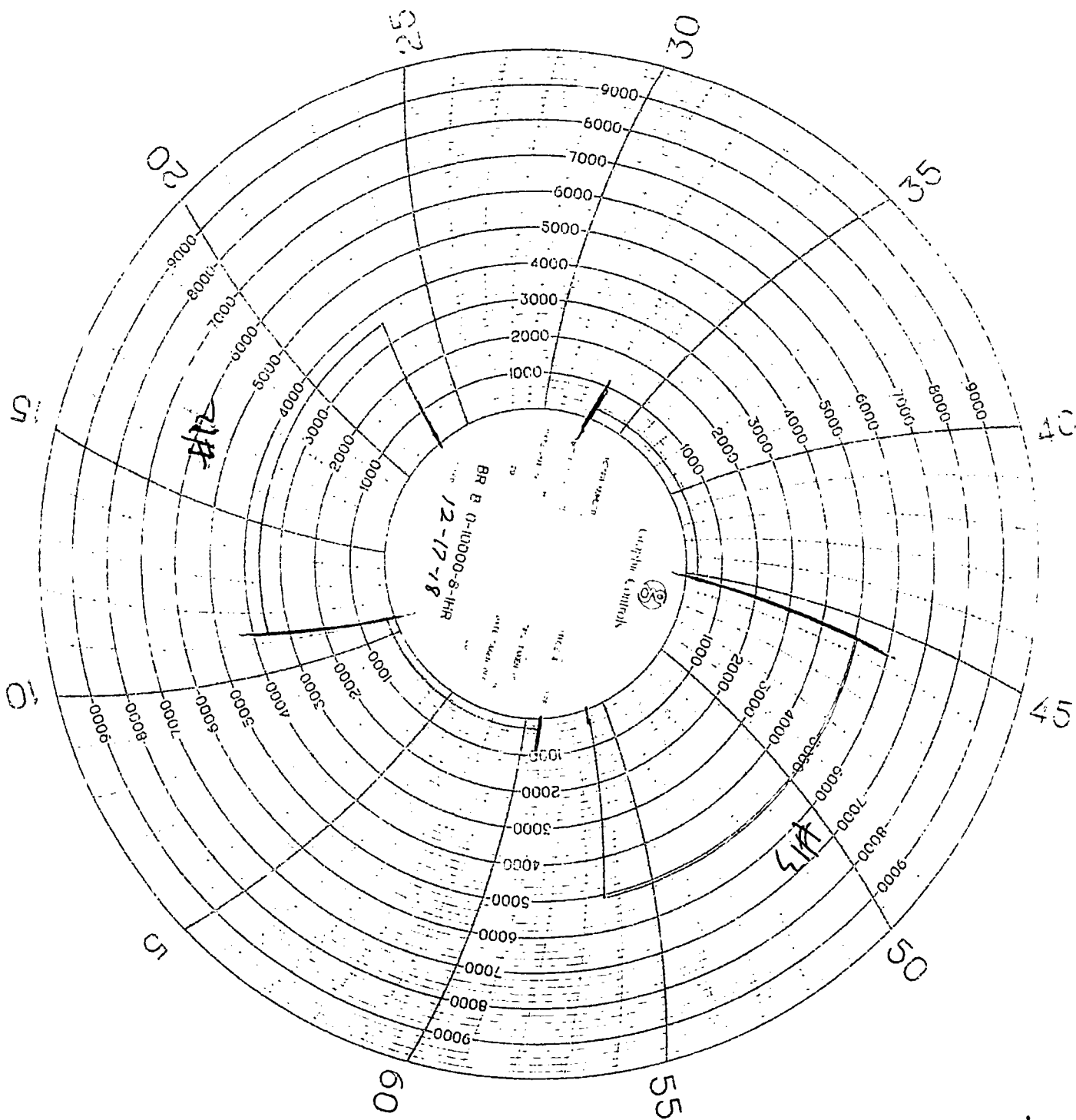


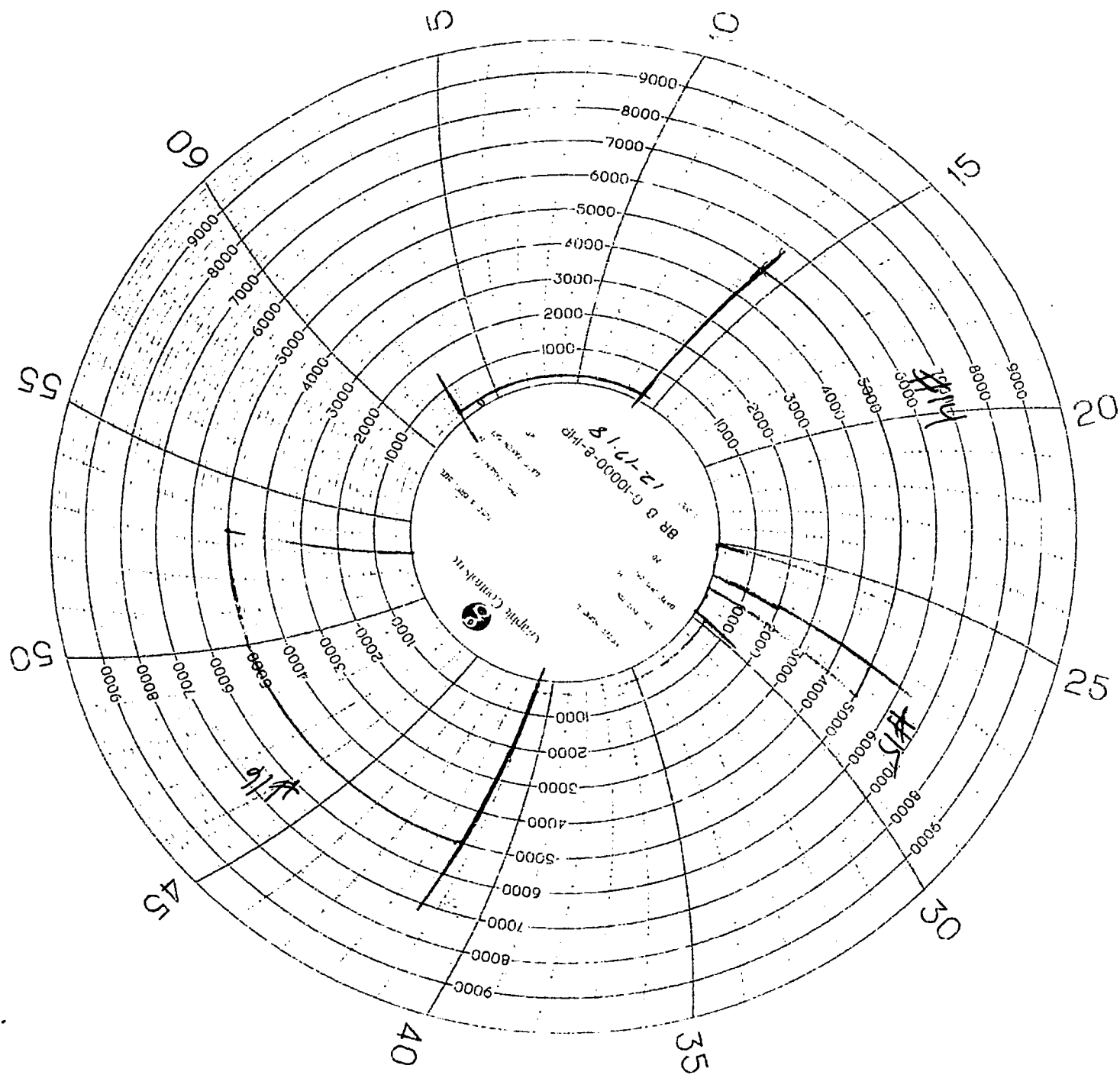














MAN
WELDING SERVICES

WELDING • BOP TESTING
NIPPLE UP SERVICE • BOP LIFTS • TANDEM
MUD AND GAS SEPARATORS
Lovington, NM • 575-398-4540

Pg. _____ of _____

Company: Manito Date: 1-16-89 Invoice # 5291524

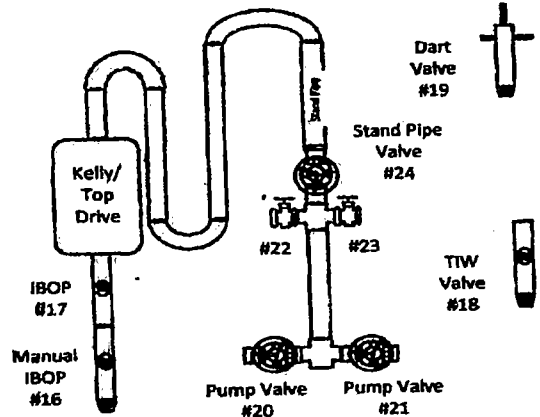
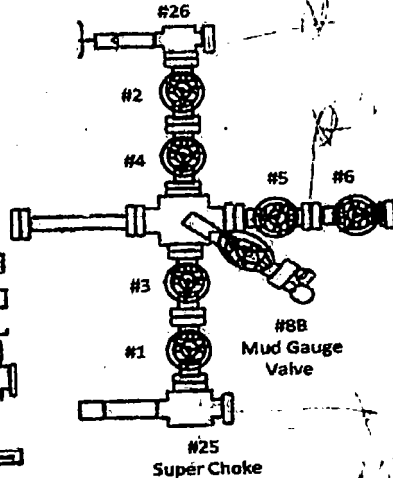
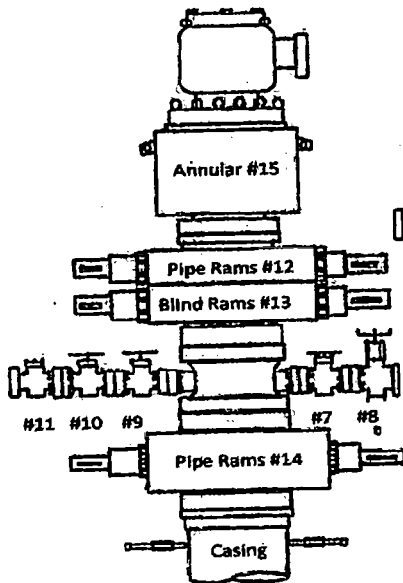
Lease: 10000 / 30 days / 10000 Drilling Contractor: Manito Rig # 1000

Plug Size & Type: 1000 Drill Pipe Size: 1000 Tester: Todd

Required BOP: _____ Installed BOP: _____

Appropriate Casing Valve Must Be Open During BOP Test

Check Valve Must Be Open/Disabled To Test Kill Line Valves



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	10000	1000	250	5000	10000
2	10000	1000	250	5000	10000
3	10000	1000	250	5000	10000
4	10000	1000	250	5000	10000
5	10000	1000	250	5000	10000
6	10000	1000	250	5000	10000
7	10000	1000	250	5000	10000
8	10000	1000	250	5000	10000
9	10000	1000	250	5000	10000
10	10000	1000	250	5000	10000
11	10000	1000	250	5000	10000
12	10000	1000	250	5000	10000
13	10000	1000	250	5000	10000
14	10000	1000	250	5000	10000
15	10000	1000	250	5000	10000
16	10000	1000	250	5000	10000
17	10000	1000	250	5000	10000
18	10000	1000	250	5000	10000
19	10000	1000	250	5000	10000
20	10000	1000	250	5000	10000
21	10000	1000	250	5000	10000
22	10000	1000	250	5000	10000
23	10000	1000	250	5000	10000
24	10000	1000	250	5000	10000
25	10000	1000	250	5000	10000
26	10000	1000	250	5000	10000
27	10000	1000	250	5000	10000
28	10000	1000	250	5000	10000
29	10000	1000	250	5000	10000
30	10000	1000	250	5000	10000
31	10000	1000	250	5000	10000
32	10000	1000	250	5000	10000
33	10000	1000	250	5000	10000
34	10000	1000	250	5000	10000
35	10000	1000	250	5000	10000
36	10000	1000	250	5000	10000
37	10000	1000	250	5000	10000
38	10000	1000	250	5000	10000
39	10000	1000	250	5000	10000
40	10000	1000	250	5000	10000
41	10000	1000	250	5000	10000
42	10000	1000	250	5000	10000
43	10000	1000	250	5000	10000
44	10000	1000	250	5000	10000
45	10000	1000	250	5000	10000
46	10000	1000	250	5000	10000
47	10000	1000	250	5000	10000
48	10000	1000	250	5000	10000
49	10000	1000	250	5000	10000
50	10000	1000	250	5000	10000

MAN WELDING SERVICES, INC.

Company Melpkurre Date 12-10-18
Lease Pow 100 24/30 12' 10" 100 County Edley County
Drilling Contractor Peterson 560 Plug & Drill Pipe Size 12' 10" 27. 4/12/18 100 30
Accumulator Pressure: 2000 Manifold Pressure: 1500 Annular Pressure: 1000

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 1600 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 1000 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 1.49. 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}