

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons.
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Pioneer Natural Resources USA, Inc.

3. Address and Telephone No.

P. O. Box 3178, Midland, TX 79702

915/571-3937

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

UL G. 1650' FEL & 2200' FNL, Sec. 29, T19S, R32E

5. Lease Designation and Serial No.

NMLC063586

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Lusk West (Delaware) Unit

8. Well Name and No.

#907

9. API Well No.

30-025-34132

10. Field and Pool, or exploratory Area

Lusk Delaware, West

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Completion
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Original well name: Southern California Federal #12

See Attached Completion Report & Pressure Chart

ACCEPTED FOR RECORD

MAR 03 1990

BLM

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

Signed

[Signature]

Title Sr. Operations Engineer

Date 2/25/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

* See Instruction on Reverse Side

JCS CW

PERC**WELL CHRONOLOGY REPORT****WELL NAME : LUSK WEST (DELAWARE) UNIT #907**WELL ID # : 924998907OPERATOR : PIONEER NATURAL RESOURCES

DISTRICT :

FIELD : LUSK WEST (DELAWARE)LOCATION : 1650' FEL & 2200' FNL, SEC 29, T19S, R32ECOUNTY & STATE : LEA

NM

CONTRACTOR :

NWI WI% : 90.93600 AFE# : 317065API# : 30-025-34132PLAN DEPTH : 7,200SPUD DATE : 11/27/97DHC : \$287,350 CWC : \$132,100 AFE TOTAL : \$419,450FORMATION : BRUSHY CANYONREPORT DATE : 11/27/97MD : 160TVD : 0DSS : 1DOL : 0MW : 8.3VISC : 28

DAILY DETAILS : 1ST REPORT:

GO WEST OUT OF HOBBS, NM ON HWY 62-180 FOR 37 MILES TO NM HWY 243, TURN RIGHT ON 243 FOR 4.7 MILES. TURN RIGHT ON THE LUSK FIELD ROAD. GO 4.3 MILES, TURN RIGHT (EAST) GO 7/10 MILES RIGHT TO RIG.

SPUDDED @ 12:30 AM ON 11/27/97. DRLG 40 TO 160'. ART: DRLG.

REPORT DATE : 11/28/97MD : 850TVD : 0DSS : 2DOL : 1MW : 8.4VISC : 28

DAILY DETAILS : DRLG 160' TO 226'. RUN SURVEY 1/2 DEG @ 226'. DRLG 226' TO 535'. RUN SURVEY. 1 DEG @ 535'. DRLG 535' TO 850'. CIRC & PUMPED SWEEP. TOH. SURVEY 1 1/4 DEG @ 850'. RU & RUN CSG ART.

REPORT DATE : 11/29/97MD : 850TVD : 0DSS : 3DOL : 2MW : 9.8VISC : 28

DAILY DETAILS : RUNNING 13 3/8" CSG. RU BJ & CMT WELL. PLUG DOWN @ 10:30 AM ON 11/28/97. FLOAT HELD. CIRC 129 SX CMT TO PIT. RD BJ. WOC 4 HRS. CUT OFF & WELD 13 3/8" HEAD ON. NU BOP. TESTED CSG TO 600+ PSI.

CSG DETAIL:

1-13 3/8" TEXAS PATTEN SHOE J55 STC

.75

1-13 3/8" SHOE JT 54.5# J55 STC

26.43

19-13 3/8" 54.5# J55 STC CSG

852.16

TOTAL CSG

879.34

CUT OFF

46.34

CASING LEFT IN HOLE

833.00

KB

17.00

CASING LANDED KB

850.00

RAN: 7 CENTERLIZERS ON JTS #19, 16, 13, 10, 7, 4, 2. THREADLOCK SHOE AND BTM THREE JTS. CEMENT: 475 SX 35-65 POZ CL"C" + 6% GEL + 5% SALT + .25#/SX CELLO FLAKES, WT 12.7 PPG, YIELD 1.94 CU FT/SX. WATER 10.48 GALS/SX. TAIL: 200 SX "C" NEAT + 2% CACL + .25# SX CELLOFLAKES, WT 14.86 PPG. YIELD 1.32 CU FT/SX, WTR 6.32 GALS/SX

REPORT DATE : 11/30/97MD : 1,566TVD : 0DSS : 4DOL : 3MW : 9.9VISC : 29

DAILY DETAILS : NO TEST ON WELLHEAD. ND BOP. CUT WELLHEAD. NU BOP, TESTED TO 600 PSI, 30 MIN. OK. TIH DRLG OUT CMT. TESTED PIPE RAMS OK. DRLG 850' TO 1032'. RUN SURVEY 1 1/4 DEG @ 1032'. DRLG 1032' TO 1526'. RUN SURVEY 1 DEG @ 1526'. DRLG 1526' TO 1566'. ART: DRLG W/FULL RETURNS.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 12/1/97 MD : 2.505 TVD : 0 DSS : 5 DOL : 4 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG 1566' TO 1628'. SR. DRLG 1628' TO 2038'. RUN SURVEY 1 DEG @ 2006'. DRLG 2038' TO 2505'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/2/97 MD : 2.962 TVD : 0 DSS : 6 DOL : 5 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG 2505' TO 2538'. RAN SURVEY 2 1/4 DEG @ 2498'. DRLG 2538' TO 2726'. RAN SURVEY 3 DEG @ 2726'. DRLG 2726' TO 2915'. RAN SURVEY 3 DEG @ 2935'. DRLG 2915' TO 2962'. ART: LOST FULL RETURNS @ 2962'. DRLG AHEAD WITH NO RETURNS.

REPORT DATE : 12/3/97 MD : 3.663 TVD : 0 DSS : 7 DOL : 6 MW : 8.4 VISC : 28

DAILY DETAILS : DRY DRLG 2962' TO 3104' SR. DRLG 3104' TO 3197'. WORK TIGHT HOLE. DRY DRLG 3197' TO 3663'. PU TO MAKE CONNECTION. HOLE TIGHT. STUCK PIPE ONE FT. OFF BTM. GOOD PUMP PRESS 1100#. PUMPED 3 SWEEPS @ 3663'. ART: WORKING STUCK PIPE @ 3663' WITH 1100# PMP PRESS. NO RETURNS.

REPORT DATE : 12/4/97 MD : 3.840 TVD : 0 DSS : 8 DOL : 7 MW : 8.4 VISC : 28

DAILY DETAILS : WORK STUCK PIPE, SPOT MUD 50 BBLS. RU ROTARY WL. RUN FREEPOINT 6" DC, FREE @ TOP 8"DC. RUN FREEPOINT TO BIT. PU TO 200,000#, PULL FREE. RD WL. WORK PIPE UP HOLE 150'+, 140,000 TO 150,000. 20,000 TO 30,000 OVER STRING WT. PU KELLY, BIT. PLUGGED. TOH, UNPLUGGED LID S-SUB, MIX PIT MUD. TIH, WASH 160' TO BTM. DRLG 3663' TO 3840'. ART: DRLG W/NO RETURNS. TOTAL MUD LOST TODAY 550 TO 600 BBLS.

REPORT DATE : 12/5/97 MD : 4.210 TVD : 0 DSS : 9 DOL : 8 MW : 8.4 VISC : 28

DAILY DETAILS : DRY DRLG 3840' TO 3937'. SR & SURVEY 2 3/4 DEG @ 3895'. DRLG 3937' TO 4210'. CIRC. SHORT TRIP, WORK PIPE & UNPLUG BIT, CIRC. TOH. RU LD MACHINE LD 7-8" DC. ART: RU CASING CREW.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 12/6/97 MD : 4,210 TVD : 0 DSS : 10 DOL : 9 MW : 8.4 VISC : 28

DAILY DETAILS : RU CSG CREW & RUN 4210' OF 96 JTS. OF 8 5/8" CSG W/ DV TOOL @ 2597'. WASHED DWN 250' +-. RU BJ, CEMENT 1ST STAGE. BUMP PLUG @ 4:30 PM 12/5/97. OPEN DV TOOL @ 900 PSI, PUMPED 20 BBLS F/WATER. RU ON RIG PUMP & PUMPED 200+ BBLS F/WATER, WOC 4 HRS. CEMENT 2ND STAGE. BUMP PLUG @ 8:37 PM ON 12/5/97. FLOAT HELD. ND BOP, CUT OFF 8 5/8" CSG. SET SLIPS, WELD ON 8 5/8" X 5 1/2" 3000# LARKIN WELLHEAD. NU BOP.

CASING & CEMENT DETAIL:

1-8 5/8" GUIDE SHOE STC	1.45
1-8 5/8" SHOE JTS. 32# J55 STC	31.15
1-8 5/8" FLOAT COLLAR STC	1.20
35-8 5/8" 32# J55 STC CSG	1581.93
1-8 5/8" DV TOOL STC	2.55
10-8 5/8" 32# J55 STC CSG	439.91
49-8 5/8" 24# J55 CSG	2157.71
TOTAL CASING	4215.90
CUT OFF	22.90
CASING LEFT IN HOLE	4193.00
KB	17.00
CASING LANDED KB	4210.00

CEMENT 1ST STAGE: 685 SX 50-50 POZ CLASS "C" + 10% GEL + 5% SALT, 11.92 PPG, YIELD, TAIL 2/200 SX CLASS "C" BEAT + 2% CACL, 14.81 PPG YIELD. 2ND STAGE CMT W/825 SX 50-50 POZ CLASS "C" + 10% GEL + 5% SALT, 11.92 PPG YIELD 2.35, TAIL W/150 SX CLASS "C" NEAT + 2% CACL 14.81 PPG YIELD 1.33. FLOAT HELD.

REPORT DATE : 12/7/97 MD : 4,700 TVD : 0 DSS : 11 DOL : 10 MW : 8.4 VISC : 28

DAILY DETAILS : DRLG @ 4700', MADE 490' IN 16 1/2 HRS. NU BOP, TESTED CSG & BOP TO 1000 PSI 30 MIN. TIH DRLG CMT, DRLG 4210' TO 4326'. RAN SURVEY 2 1/2 DEG @ 4326'. DRLG 4326' TO 4700'. ART: DRLG W/FULL REUTRNS 30' P/HR.

REPORT DATE : 12/8/97 MD : 5,505 TVD : 0 DSS : 12 DOL : 11 MW : 8.4 VISC : 29

DAILY DETAILS : DRLG 4700' TO 4781, SURVEY 2 DEG @ 4781'. DRLG 478' TO 5252, SURVEY 2 1/4 DEG @ 5252'. DRLG 5252' TO 5505'. DRLG W/FULL RETURNS

REPORT DATE : 12/9/97 MD : 6,086 TVD : 0 DSS : 13 DOL : 12 MW : 8.5 VISC : 34

DAILY DETAILS : DRLG 5505' to 5733'. SURVEY 1 3/4 DEG @ 5733'. DRLG 5733' TO 5859'. TRIP FOR HOLE IN DP. DRLG 5859' . 6086'.

REPORT DATE : 12/10/97 MD : 6,401 TVD : 0 DSS : 14 DOL : 13 MW : 8.6 VISC : 34

DAILY DETAILS : DRLG 6086' TO 6216'. SURVEY 1 3/4 DEG @ 6216'. DRLG 62116' TO 6323'. TRIP FOR HOLE IN DP @ 1000'. DRLG 6323' TO 6354'. TRIP FOR HOLE IN DP @ 5800'. DRLG 6354' TO 6401'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/11/97 MD : 6,630 TVD : 0 DSS : 15 DOL : 14 MW : 8.7 VISC : 35

DAILY DETAILS : DRLG 6401' TO 6450'. TRIP FOR HOLE IN DP (3040'). DRLG 6450' TO 6630'. CIRC. SHORT TRIP (NO FILL). CIRC. LDDP. FULL RETURNS TO TD.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 12/12/97 MD : 6,630 TVD : 0 DSS : 16 DOL : 15 MW : 8.7 VISC : 35

DAILY DETAILS : FINISH LD DP & DC'S. RU HALLIBURTON & RUN GR, CALIPER & DENSITY LOG FROM 6634' TO 4088'. RU RAN CSG TO 6630'. CEMENT, ND BOP & SET SLIPS, CUT OFF 5 1/2" CSG & WELD ON BELL NIPPLE, JET PITS. RELEASE RIG @ 7:00 AM ON 12/12/97.

CASING & CEMENT DETAIL:

1-5 1/2" FLOAT SHOE	1.50
1-5 1/2" SHOE JT 15.50# J55 LTC	43.55
1-5 1/2" FLOAT COLLAR	1.50
152-5 1/2" CSG 15.50 J55 LTC	6591.63
TOTAL CASING	6638.18
CUT OFF	25.18
CASING LEFT IN HOLE	6613.00
KB	17.00
CASING LANDED KB	6630.00

RAN 6 CENTERLIZERS: JT #153, 150, 147, 143, 139, 136. THREADLOCK SHOE, SHOE JT, FLOAT COLLAR & BOTTOM THREE JT. CEMENTED W/900 SX 50-50 POZ CL°C: + 2% GEL +.5% FL-62, WT 11.92 PPG, YIELD 1.25 CUT FT/SK, WTR 13.41 GPS. FW 2% KCL. FLOAT HELD

REPORT DATE : 1/27/98 MD : 6,630 TVD : 0 DSS : 17 DOL : 16 MW : 8.7 VISC : 35

DAILY DETAILS : MI & SET PIPE RACKS & MOVE 2 7/8" WS. MI & RU WSU. NU BOP. TALLEY & PU & RUN 4 3/4" BIT, X OVER SUB, & 203 JTS. 2 7/8" TBG. TAGGED TD @ 6547'. CIRC HOLE CLEAN W/160 BBLS 2% KCL WATER. CLOSE WELL IN.

REPORT DATE : 1/28/98 MD : 6,630 TVD : 0 DSS : 18 DOL : 17 MW : 8.7 VISC : 35

DAILY DETAILS : LD 3 JTS 2 7/8" TBG. PUTTING EOT @ 6450'. RU REEF CHEMICAL. SPOTTED 500 GALS 10% ACEDIC ACID ACROSS PERFS. DISPLACED W/33.9 BBL 2% KCL WATER. RD REEF. TOH W/TBG. RU PRO LOG WL TRK. LOGGER TD 6523'. RAN GR/CCL FROM 6523' TO 4200'. PERF 6434' - 6451', 2 SPF, 90 DEG PHASING W/10 GRAM CHARGES. 36 SHOTS. RD WL TRK. RAN ARROW HD PKR, SN & 194 JTS. TBG. LEFT PKR SWINGING & SD.

REPORT DATE : 1/29/98 MD : 6,630 TVD : 0 DSS : 19 DOL : 18 MW : 8.7 VISC : 35

DAILY DETAILS : TBG ON VERY SLIGHT VACUUM. RU REEF CHEMICAL. SPOT 100 GAL ACID ACROSS PERFS. PULL PKR UP HOLE TO 6335'. REVERSED UP TBG W/5 BBL. SET PKR, PRESSURED CSG TO 1000 PSI, HELD OK. ACIDIZED PERFS @ 6434' - 6451'. W/3000 GALS 15% NEFE CONTAINING 3 GAL NE, 3 GAL IRON, 3 GAL CORROSION INHIBITOR, 6 GAL CLAY STABILIZER, 9 GAL FINES SUSPENDING AGENT. FORMATION BROKE @ 2820 PSI. AVG PRESS 2100, MAX PRESS DURING JOB 2260, AVG RATE 52 BPM, MAX RATE 5.5 BPM. USED 54 7/8" 1-3 SG BALLS, HAD FAIR BALL ACTION. ISIP 1210 PSI ON VAC IN 1 1/2 MIN. 162 BLTR. WAIT 30 MIN. RU SWAB. BEGINNING FL 2800'. SWABBED 5 HRS. ENDING FL 6100'. RECOVERED 29 BLW. RD SWAB. RU PUMP TRK TO CSG. PRESSURED TO 2000 PSI AND HELD SOLID FOR 10 MIN. RELEASED PRESSURE. RELEASED PKR & RAN IN THRU PERFS TO 6459'. LD 133 JTS 2 7/8" TBG. CLOSE WELL IN.

REPORT DATE : 1/31/98 MD : 6,630 TVD : 0 DSS : 20 DOL : 19 MW : 8.7 VISC : 35

DAILY DETAILS : PRESENT OPT: PREP TO FRACTURE STIMULATION. FINISH TOH. LAYING DOWN 2 7/8" TBG & PKR. INSTALLED 2 7/8" BULL PLUGGED SUB IN WELLHEAD & CLOSED WELL IN. RIG DOWN & RELEASE WSU.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 2/1/98 MD : 6,630 TVD : 0 DSS : 21 DOL : 20 MW : 8.7 VISC : 35

DAILY DETAILS : SDFWE.

REPORT DATE : 2/2/98 MD : 6,630 TVD : 0 DSS : 22 DOL : 21 MW : 8.7 VISC : 35

DAILY DETAILS : SDFWE.

REPORT DATE : 2/5/98 MD : 6,630 TVD : 0 DSS : 23 DOL : 22 MW : 8.7 VISC : 35

DAILY DETAILS : RELEASED RIG YESTERDAY. WAITING ON FRAC.

REPORT DATE : 2/9/98 MD : 6,630 TVD : 0 DSS : 24 DOL : 23 MW : 8.7 VISC : 35

DAILY DETAILS : RIG UP BJ. TESTED LINES TO 4000 PSI. FRAC DOWN 5 1/2" CSG W/9162# 16/30 OTTAWA SAND AS FOLLOWS: PUMPED 3,000 GALS VIKING PAD AT 14.5 BPM, 0 PRESSURE, PUMPED 2 TO 8 PPG AT 14 BPM AT 0 PRESSURE. 1000 GALS, PUMPED 500 GAL AT 8 PPG AT 10 BPM AT 946 PSI. CAUGHT PRESSURE W/78 BBL PUMPED. FLUSHED W/6400 GALS AT 10 BPM AT 1288 PSI. FLUID CONTAINED 13 GAL N3-118, 13 GAL CLAYTREAT 3C, 8 GAL RF-71, 5 GAL XLW5, 10 GAL GWW5, AND 2 1/2 GAL EUZYME. ISIP 870 PSI, FLOW BACK AT 1/2 BPM, 6 BBL & WENT ON VACUUM. MAX. TREATING PRESSURE 1205 PSI, AVERAGE 927 PSI, MAX. RATE 10 BPM, AVERAGE RATE 10 BPM. RIG DOWN BJ & LEFT WELL CLOSED IN.

REPORT DATE : 2/11/98 MD : 6,630 TVD : 0 DSS : 25 DOL : 24 MW : 8.7 VISC : 35

DAILY DETAILS : MOVE IN & RIG UP WSU. SET PIPE RACKS AND UNLOAD 210 JTS 2 3/8" IPC, 4.7#, 8RD UPSET TBG. PICKED UP 5 1/2" X 2 3/8" ARROW SET NICKLE COATED PKR, 5 1/2" X 2 3/8" T2 ON/OFF TOOL W/1.78" F SS PROFILE SN. PKR HUNG IN BOP. PULLED PKR OUT AND 1 SLIP SEGMENT WAS BADLY BEAT. GOT ANOTHER PKR. RAN PKR & SAME EQUIPMENT + 202 JTS TBG. WITH PKR SWINGING, PUMPED 130 BBL PKR FLUID. SET PKR AT 6397'. TOPPED OFF W/2 BBL. PRESSURED TO 500 PSI AND HELD OK. CLOSE WELL IN & SHUT DOWN.

REPORT DATE : 2/12/98 MD : 6,630 TVD : 0 DSS : 26 DOL : 25 MW : 8.7 VISC : 35

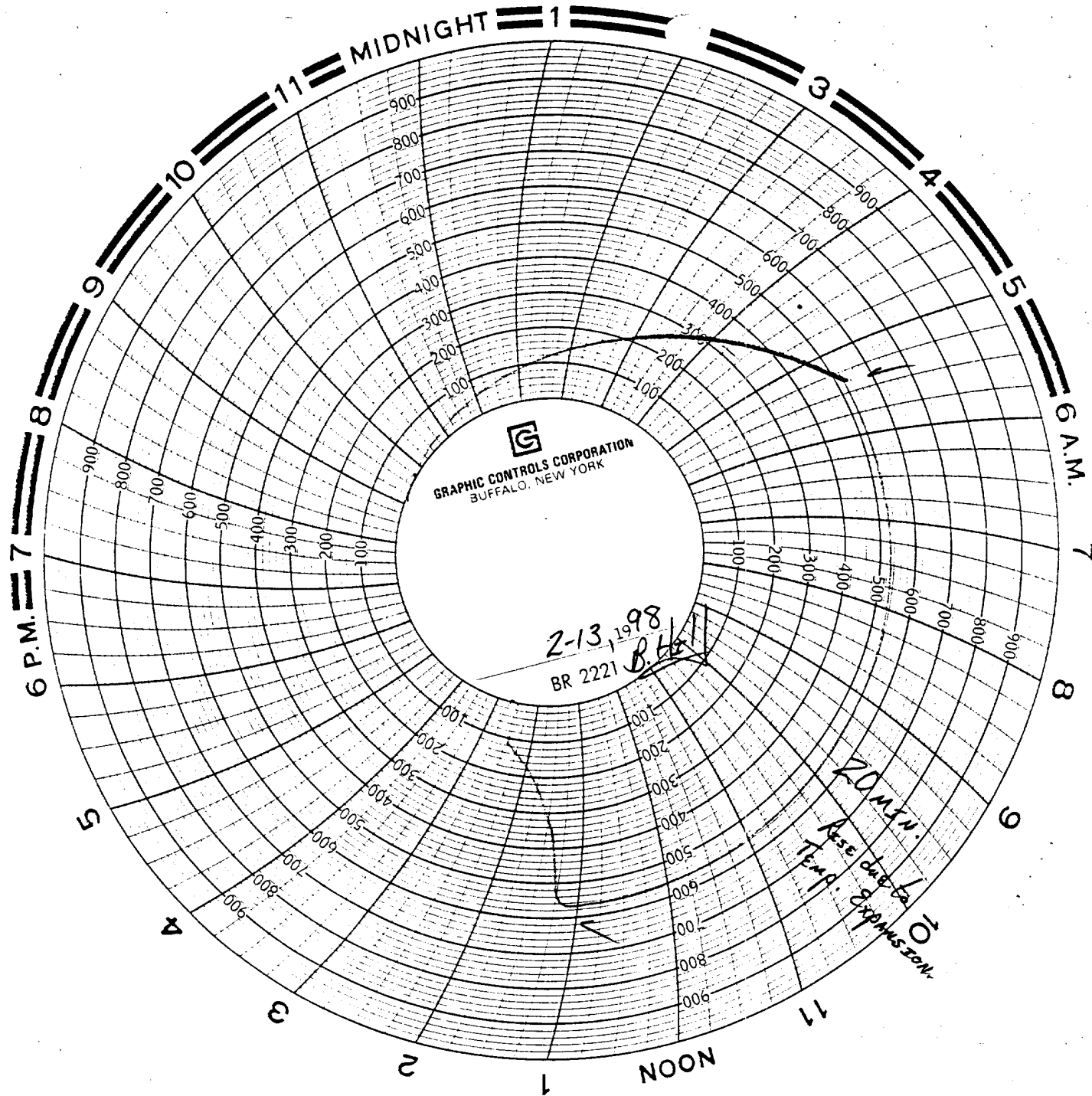
DAILY DETAILS : ND BOP & NU WELLHEAD. RIG DOWN WSU.

REPORT DATE : 2/13/98 MD : 6,630 TVD : 0 DSS : 27 DOL : 26 MW : 8.7 VISC : 35

DAILY DETAILS : RIG UP KILL TRUCK TO CSG. LOAD CSG W/22 BBL PKR FLUID. PRESSURED CSG TO 520 PSI. RAN 20 MINUTE CHART. PRESSURE INCREASED TO 570 PSI, BECAUSE OF TEMPERATURE EXPANSION. OIL & GAS COMMISSION REP. WAS PRESENT & OK'D TEST.

REPORT DATE : 2/14/98 MD : 6,630 TVD : 0 DSS : 28 DOL : 27 MW : 8.7 VISC : 35

DAILY DETAILS : SDFWE.



G
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

2-13, 1998
BR 2221 R. H. 11

20 MIN.
Rise due to
Temp. Expansion