

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 C, 990' FNL & 1880' FWL, 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.

#903

9. API Well No.

30-025-34172

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

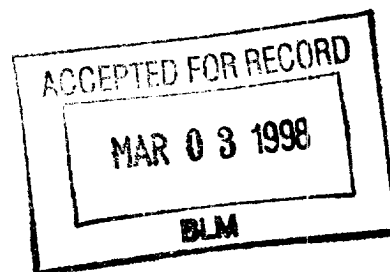
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 #14 WIW

See Attached Completion Report & Pressure Chart



COPIED TO NABY GOUPLEY

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

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PERC**WELL CHRONOLOGY REPORT****WELL NAME : LUSK WEST (DELAWARE) UNIT #903**OPERATOR : PIONEER NATURAL RESOURCESFIELD : LUSK WEST (DELAWARE)COUNTY & STATE : LEANWI WI% : 90.93600

AFE# :

API# : 30-025-34172

DHC :

CWC :

AFE TOTAL :

WELL ID # : 924998903

DISTRICT :

LOCATION : 990' FNL & 1880' FWL, SEC. 29, T19S, R32E

CONTRACTOR :

PLAN DEPTH : 7,200SPUD DATE : 12/12/97FORMATION : DELAWARE

REPORT DATE : 12/13/97 MD : 250 TVD : 0 DSS : 1 DOL : 0 MW : 8.4 VISC : 28

DAILY DETAILS : DIRECTIONS: GO WEST OUT OF HOBBS, NM ON HWY 62-180 FOR 37 MILES TO HWY 243 RT 4.7 MILE, TURN RT ON THE LUSK FIELD ROAD, GO 4.3 MILES TURN RT 3/10 OF MILE TO RIG.

1ST REPORT:

MIRU LOKOTA RIG #4. SPUDDED AT 11:00 PM ON 12/12/97. DRLG 40' TO 250'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/14/97 MD : 853 TVD : 0 DSS : 2 DOL : 1 MW : 8.4 VISC : 29

DAILY DETAILS : SURVEY 3/4 DEG @ 250', DRLG 250' TO 640'. SURVEY 3/4 DEG @ 640'. DRLG 640' TO 853'. CIRC HOLE CLEAN. ART: TOH TO RUN 13 3/8" CSG.

REPORT DATE : 12/15/97 MD : 853 TVD : 0 DSS : 3 DOL : 2 MW : 9.8 VISC : 28

DAILY DETAILS : DRLG @ 1061', MADE 208' IN 5 1/4 HRS. SURVEY 1/2 DEG @ 853'. TOH TO RUN CSG. RU BJ SERVICES CEMENTED CSG. WOC 4 HRS. WELDED ON 13 3/8" X 8 5/8" 2000 PSI LARKIN FIGURE WELLHEAD. NU BOP. TESTED CSG & BOP TO 600 PSI 30 MIN. OK. TIH DRLG OUT CMT. DRLG 853' TO 1061'. ART: DRLG W/FULL RETURNS.

CSG & CEMENT DETAIL:

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

.75

1-13 3/8" SHOE JT. 54.50 J55 STC

43.52

13 3/8" INSETS FLOAT VALVE

18-13 3/8" 54.50# J55 STC CSG

811.50

TOTAL CASING

855.77

CUT OFF

19.77

CASING LEFT IN HOLE

836.00

KB

17.00

CASING LANDED KB

853.00

RAN 6 CENTERLIZERS: JT #19, 16, 13, 10, 6, 2, THREADLOCK BOTTOM THREE JTS.

CEMENT W/475 SX 35-65 POZ CL"C" + 6% GEL + 5% SALT + .25#/SX CELLOFLAKES WT 12.7 PPG,

YIELD 1.94 CU FT/SK WTR 10.48 GAL/SX. TAIL: 200 SX CL"C" NEAT + 2% CACL2 + .25 #/SX

CELLO FLAKES. WT 14.84 PPG, YIELD 1.32 CU FT/SK WTR 6.32 GAL/SX. FLOAT HELD.

REPORT DATE : 12/16/97 MD : 2,370 TVD : 0 DSS : 4 DOL : 3 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG 1061' TO 1187'. RUN SURVEY 1 3/4 DEG @ 1145'. DRLG 1187' TO 1437. RIG REPAIR. 1437' TO 1654'. RUN SURVEY 2 DEG @ 1623'. DRLG 1654' TO 2111'. RUN SURVEY 3 DEG @ 2111'. DRLG 2111' TO 2370'. ART: DRLG W/FULL RETURNS.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 12/17/97 MD : 2,690 TVD : 0 DSS : 5 DOL : 4 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG @ 2370' TO 2435'. SR. DRLG 2435' TO 2499'. RUN SURVEY 3 1/2 DEG @ 2467'. DRLG 2499' TO 2690'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/18/97 MD : 3,176 TVD : 0 DSS : 6 DOL : 5 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG @ 2690' TO 2751'. SR. DRLG 2751' TO 2874'. RUN SURVEY 2 1/4 DEG @ 2844'. DRLG 2874' TO 3176'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/19/97 MD : 3,898 TVD : 0 DSS : 7 DOL : 6 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG 3176' TO 3182'. SR DRLG 3182' TO 3370'. RUN SURVEY 1 1/2 DEG @ 3340'. DRLG 3370' TO 3628'. LOST FULL RETURNS @ 3628'. REGAINED 85% TO 90% RETURNS. @ 3675'. DRLG AHEAD W/ 85% TO 90% RETURNS. DRLG 3675' TO 3898'. ART: DRLG W/ 90 TO 95% RETURNS. TOTAL MUD LOST TODAY IS 180 BBLs (IN SWEEPS).

REPORT DATE : 12/20/97 MD : 4,200 TVD : 0 DSS : 8 DOL : 7 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG 3898' TO 3929'. SR. DRLG 3929' TO 3991'. LOST FULL RETURNS @ 3991'. REGAINED 50% RETURN @ 4020'. LOST FULL RETURN @ 4045'. DRY DRLG FROM 4020' TO 4200'. CIRC HOLE 1/2 HR. MADE SHORT TRIP WORKING TIGHT SPOT @ 3670' TO 3720'. CIRC HOLE. TOH. RU & LD 8" DC'S. RU CSG CREW & RUN 94 JTS. CSG. W/ DV TOOL @ 2597'.

REPORT DATE : 12/21/97 MD : 4,200 TVD : 0 DSS : 9 DOL : 8 MW : 8.4 VISC : 28

DAILY DETAILS : RUN CSG, GUIDE SHOE, 1-JT CSG SHOE JT., FLOAT COLLAR, 35 JTS CSG. DV TOOL SET @ 2597'. SET @ 4183' GL. RU BJ & CEMENTED. PLUG DOWN 10:00 AM ON 12/20/97. OPEN DV TOOL. RIG CIRC HOLE. WOC 4 HRS. CEMENT 2ND STAGE. PLUG DOWN 3:15 PM ON 12/20/97. CLOSED DV TOOL 1550 PSI, RD BJ. SET SLIPS & CUT OFF CSG, WELDED ON 8 5/8" & 5 1/2" 3000 PSI LARKIN WELLHEAD. NU BOP, TESTED BLANK RAMS & BOP TO 2000 PSI. TIH. ART: DRLG CEMENT.

CASING & CEMENT DETAIL:

8 5/8" GUIDE SHOE	1.50
1-8 5/8" SHOE JT. 32# J55 STC	20.60
8 5/8" FLOAT COLLAR	1.20
35-8 5/8" 32# J55 STC CSG	1579.21
8 5/8" DV TOOL	2.55
9-8 5/8" 32# J55 STC CSG	407.26
49-8 5/8" 24# J55 STC CSG	2190.47
TOTAL CSG.	4202.79
CUT OFF	19.79
CASING LEFT IN HOLE	4183.00
KB	17.00
CASING LANDED KB	4200.00

RAN 2 CENTERLIZERS: ON JTS #36, & 38. THREADLOCKED SHOE & BTM THREE & DV TOOL @ 2597'.

CEMENT: 1ST STAGE 685 SX 50/50 POZ CL"C" + 10% GEL + 5% SALT. WT - 11.92 PPG YIELD 2.35 CU FT/SX, WTR 13.41 GAL/SX. TAIL W/200 SX CL"C" NEAT + 1% CACL2 WT 14.81 PPG, YIELD 1.33 CU FT/SX. 2ND STAGE: 825 SX 50/50 POZ CL"C" + 10% GEL + 5% SALT, WT 11.92 PPG, YIELD 2.35 CU FT/SX, WTR 13.41 GAL/SX. TAIL W/150 SX CL"C" NEAT + 2% CACL2, WT 14.81 PPG, YIELD 1.33 CU FT/SX, WTR 632 GAL/SX. FLOAT HELD.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 12/22/97 MD : 4,831 TVD : 0 DSS : 10 DOL : 9 MW : 8.4 VISC : 28

DAILY DETAILS : DRLG 4200' TO 4265'. SURVEY 3/4 DEG @ 4220. DRLG 4265' TO 4738'. SURVEY 1 3/4 DEG @ 4698'. DRLG 4738' TO 4831'. ART: DRLG W/FULL RETURNS 25' TO 30' P/HR.

REPORT DATE : 12/23/97 MD : 5,490 TVD : 0 DSS : 11 DOL : 10 MW : 8.5 VISC : 28

DAILY DETAILS : DRLG 4831' TO 5193'. SER RIG & SURVEY 3/4 DEG @ 5153. DRLG 5193' TO 5490'. ART: DRLG W/FULL RETURNS 25' TO 28' P/HR.

REPORT DATE : 12/24/97 MD : 6,102 TVD : 0 DSS : 12 DOL : 11 MW : 8.4 VISC : 29

DAILY DETAILS : DRLG 5490' - 6102'. SURVEY 1/4 DEG @ 5631'. MULED UP @ 6000'. WT 8.5, VIS 36, PH 10.

REPORT DATE : 12/25/97 MD : 6,465 TVD : 0 DSS : 13 DOL : 12 MW : 8.5 VISC : 36

DAILY DETAILS : DRLG @ 6465', MADE 363' IN 21 1/2 HRS. SURVEY 1/2 DEG @ 6099'. TRIP FOR HOLE IN DP 29 STDS (2530'). DRLG 6102' TO 6142'. SR & RUN SURVEY 1/4 DEG @ 6099'. DRLG 6142' TO 6465'. ART: DRLG 15' TO 18' P/HR. W/FULL RETURNS.

REPORT DATE : 12/26/97 MD : 6,635 TVD : 0 DSS : 14 DOL : 13 MW : 9.6 VISC : 36

DAILY DETAILS : DRLG 6465' TO 6549'. SR. DRLG 6549' TO 6585'. TRIP FOR HOLE IN DP. 84 JTS. DOWN. DRLG 6585' TO 6612'. TRIP FOR HOLE IN DP 57 JTS. DOWN. DRLG 6612' TO 6635' TD @ 11:00 PM ON 12/25/97. CIRC. RU & LD DP & DC'S.

REPORT DATE : 12/27/97 MD : 6,635 TVD : 0 DSS : 15 DOL : 14 MW : 8.7 VISC : 36

DAILY DETAILS : WO HLS LOGGING TRK 6 HRS. RU HLS & LOGGED WELL 5 HRS. RU CASING CREW & RAN CSG. RU BJ SERVICES. CEMENTED. PLUG DOWN @ 2:15 AM. ND BOP, SET SLIPS, CUT OFF 5 1/2" CSG, WELDED ON 5 1/2" WELL HEAD. JET PITS, CIRC 20 SX CMT. RELEASE RIG @ 7:00 AM ON 12/27/97.

CSG & CMT DETAIL:

1-5 1/2" SHOE 1.50

1-5 1/2" SHOE JT 15.50# K55 LTC 47.36

1-5 1/2" FLOAT COLLAR 1.50

152-5 1/2" 15.50# K55 LTC CSG. 6589.06

TOTAL CASING 6639.42

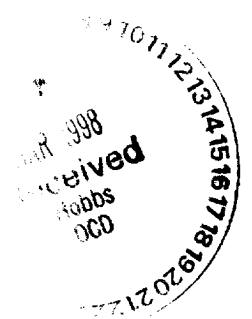
CUT OFF 21.42

CSG LEFT IN HOLE 6618.00

KB 17.00

CSG LANDED KB 6635.00

RAN 6 CENTERLIZERS: JTS. #143, 139, 135, 131, 127, 123. THREADLOCK SHOE, SHOE JT, FLOAT COLLAR, BOTTOM 3 JTS. CEMENTED: 950 SX 50-50 POZ CL"C" + 2% GEL + .5% FL-62 WT 11.92 PPG, YIELD 1.25 CU FT/SX, WTR 13.41 GPS. FRESH WTR W/2% KCL. FLOAT HELD.



PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 12/31/97 MD : 6.635 TVD : 0 DSS : 16 DOL : 15 MW : 8.7 VISC : 36

DAILY DETAILS : PRESENT OPT: PREP TO PERFORATE.
 MOVED IN PIPE RACKS & 2 7/8" WORK STRING. MOVE IN & RIG UP WSU. PICKED UP & RAN 4
 3/4" TRI-CONE ROCK BIT, X-OVER, & 205 JTS TBG. TAGGED UP AT 6571'. RIG UP PUMP TRUCK &
 DISPLACED HOLE W/150 BBL 2% KCL WATER. PULLED 100 JTS TBG. CLOSED WELL IN.

REPORT DATE : 1/1/98 MD : 6.635 TVD : 0 DSS : 17 DOL : 16 MW : 8.7 VISC : 36

DAILY DETAILS : SDFWE.

REPORT DATE : 1/2/98 MD : 6.635 TVD : 0 DSS : 18 DOL : 17 MW : 8.7 VISC : 36

DAILY DETAILS : SDFWE.

REPORT DATE : 1/3/98 MD : 6.635 TVD : 0 DSS : 19 DOL : 18 MW : 8.7 VISC : 36

DAILY DETAILS : PRESENT OPT: PREP TO ACIDIZE.
 FINISH TOH W/TBG & BIT. REMOVE BIT. RIG UP PRO-LOG. LOGGER TD AT 6550'. RAN GR/CCL
 LOG FROM TD TO 4200'. GOT ON DEPTH & PERF 6438' - 6444', 2 SPF, 90DEG PHASING USING 19
 GRAM CHARGE W/HOLLOW STEEL CARRIER, 14 SHOTS. RIG DOWN PRO-LOG. PICKED UP &
 RAN ARROW HD COMPRESSION PKR. RAN 197 JTS 2 7/8" TBG & LEFT PKR SWINGING AT 6332'.
 SHUT DOWN & CLOSE WELL IN.

REPORT DATE : 1/4/98 MD : 6.635 TVD : 0 DSS : 20 DOL : 19 MW : 8.7 VISC : 36

DAILY DETAILS : PRESENT OPT: PREP TO FRACTURE STIMULATE.
 RIG UP REEF CHEMICAL. RAN PKR TO 6451' & SPOT 100 GAL ACID ACROSS PERFS. PULL PKR
 TO 6332'. REVERSE 5 BBL TO CLEAN BACKSIDE. SET PKR AT 6332'. LOADED CSG W/1 BBL.
 PRESSURED TO 2,000 PSI, HELD OK. LOWERED PRESSURE TO 1,000 PSI. PRESSURED TBG TO
 2,790 PSI & FORMATION BROKE. ACIDIZE PERFS: 6438' - 6444' W/ADDITIONAL 900 GAL 10%
 NEFE HCL CONTAINING 1 GAL CORROSION INHIBITOR, 1 GAL NE AGENT, 2 GAL CLAY
 STABILIZER, 1 GAL IRON REDUCING AGENT, 3 GAL FINES SUSPENDING AGENT. USED 21 - 7/8" -
 1.3 SG BALL SEALERS. HAD LIGHT BALL ACTION. 113 BBL TO REC. AVERAGE PRESS 2,040 PSI,
 MAX PRESS 2,107 PSI, AVERAGE RATE 4.5 BPM, MAX RATE 5 BPM, ISIP 1380 PSI, ON VACUUM IN
 3 MINUTES. RIG UP SWAB. BEGINNING FL AT SURFACE. MADE 10 SWAB RUNS. ENDING FL
 6200'. RECOVERED 37 BBL WATER. RIG DOWN SWAB. UNSET PKR & LET WELL EQUALIZE.
 TOH, LAYING DOWN 2 7/8" WORK STRING & PKR. ND BOP. RIG DOWN WSU. NOTE: RAN
 PACKER THROUGH PERFS, DID NOT TOUCH ANYTHING.

REPORT DATE : 2/9/98 MD : 6.635 TVD : 0 DSS : 21 DOL : 20 MW : 8.7 VISC : 36

DAILY DETAILS : RIG UP BJ. TESTED LINES TO 4000 PSI. FRAC'D DOWN 5 1/2" CSG W/10,000# 16/30 OTTAWA
 SAND. PUMPED 3,000 GALS VIKING PAD AT 14 BPM AND 0 PRESSURE. PUMPED 2 TO 8 PPG AT
 13 BPM AT 0 PRESSURE. 1,000 GALS, PUMPED 500 GALS AT 8 PPG AT 13 BPM AT 0 PRESSURE.
 FLUSHED WITH 6,400 GALS AT 1514 PSI. HOLE LOADED W/126 BBL PUMPED. FLUID CONTAINED
 100 GAL LCF, 13 GALS NE-118, 7 GAL BF-7, 5 GAL XLW-4, 10 GAL GBW-5, AND 13 GAL CLAYTREAT
 3C. ISIP 1450 PSI. FLOWED BACK 20 BBL AT 1/2 TO 1 BPM & WENT ON VACUUM. AVERAGE
 TREATING PRESSURE 900 PSI, MAX TREATING PRESSURE 2120 PSI, AVERAGE TREATING RATE
 10 BPM, MAX TREATING PRESSURE 10 BPM. RIG DOWN BJ & CLOSE WELL IN.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 2/12/98 MD : 6,635 TVD : 0 DSS : 22 DOL : 21 MW : 8.7 VISC : 36

DAILY DETAILS : SET PIPE RACKS. UNLOAD 210 JTS 2 3/8" IPC 4.7# 8RD UPSET TBG. RIG UP WSU. NU BOP. PICKED UP PKR AND 1 JT TBG. SHUT DOWN DUE TO HIGH WINDS.

REPORT DATE : 2/13/98 MD : 6,635 TVD : 0 DSS : 23 DOL : 22 MW : 8.7 VISC : 36

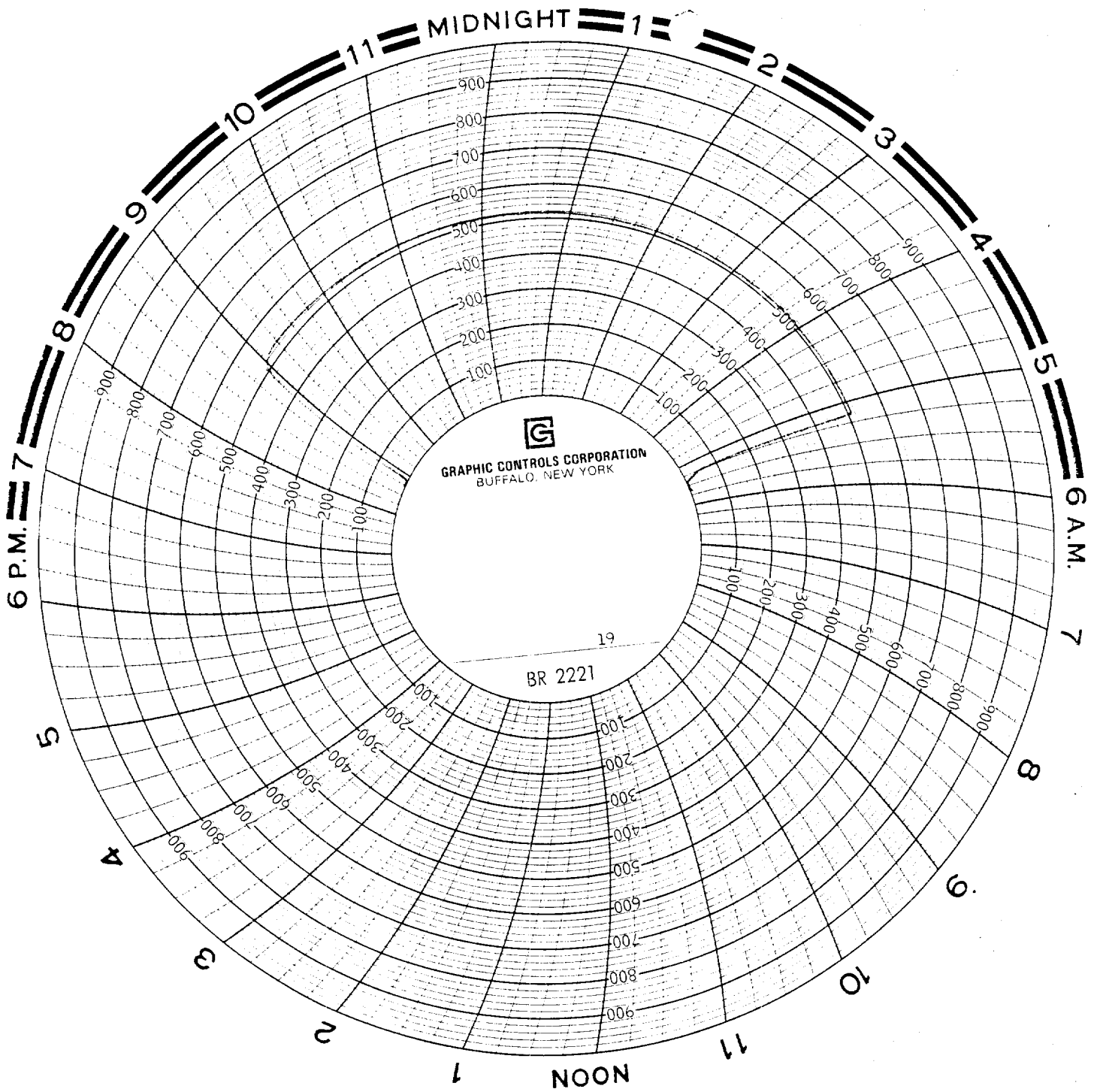
DAILY DETAILS : RAN 5 1/2" X 2 3/8" ARROWSET I-XS NICKLE COATED INJECTION PKR, 2 3/8" T-2 ON/OFF TOOL W/1.70 SS PROFILE NIPPLE W/SS SEAL BODY, & 201 JTS 2 3/8" IPC 4.7# J-55 EUE TBG. WITH PKR SWINGING PUMPED 120 BBL PKR FLUID. SET PKR AT 6371'. PRESSURED CSG TO 520 PSI & CHART FOR OIL & GAS COMMISSION TEST. RAN 25 MINUTE TEST. AT END OF 25 MINUTES PRESSURE WAS 510 PSI. OIL & GAS COMMISSION REP. WAS PRESENT & OK'D TEST. CLOSE WELL IN & RELEASED WSU & RIGGED DOWN.

REPORT DATE : 2/14/98 MD : 6,635 TVD : 0 DSS : 24 DOL : 23 MW : 8.7 VISC : 36

DAILY DETAILS : RIG UP PUMP TRUCK. PUMPED 2% KCL WATER DOWN TBG. PUMPED 9 BBL AND CAUGHT PRESSURE. PUMPED ADDITIONAL 81 BBL AT RATE OF ABOUT 1/8 BPM AT 1100 PSI.

REPORT DATE : 2/15/98 MD : 6,635 TVD : 0 DSS : 25 DOL : 24 MW : 8.7 VISC : 36

DAILY DETAILS : SDFWE.



pm.

1:40-2:00

West Lusk Delaware unit

well # 903

Rowland Trucking

Robert Handy 2-13-98

