

Submit 3 Copies To Appropriate District
Office

District I
1625 N. French Dr., Hobbs, NM 87240

District II
1301 W. Grand Ave., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Department of Minerals and Natural Resources

Form C-103

May 27, 2004

RECEIVED

MAY 10 2009
HOBBS

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-10947

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

E.C. Hill D Federal

8. Well Number

1

9. OGRID Number

16696

10. Pool name or Wildcat

Teague Simpson

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☐ Other Injection ☒

2. Name of Operator

OXY USA Inc.

3. Address of Operator

P.O. Box 50250 Midland, TX 79710-0250

4. Well Location

Unit Letter H : 2131 feet from the north line and 660 feet from the east line

Section 34 Township 23S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: Exception Packer Setting Depth ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

TD-9290'

PBTD-9274'

Perfs-9114-9264'

Pkr-8984'

OXY USA Inc. respectfully request an exception to the 100' packer setting depth requirement. OXY acquired this well in 3/2008 and according to the records we could find the packer was originally set @ 8984' in 1998. Please see attached for a analysis from our geologist on this request. This well passed an MIT on 2/3/09, copy of chart attached. We appreciate your help on this manner.

R-10474-A Inject

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE David Stewart TITLE Sr. Regulatory Analyst DATE 5/1/09

E-mail address: david_stewart@oxy.com

Type or print name David Stewart

Telephone No. 432-685-5717

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE MAY 05 2009

Conditions of Approval, if any:

Memo

From: Chris J. Donofrio
To: David Stewart

Cc: Well File (EC Hill D Federal #1), Matthew Burnham

Date: 13 April 2009

Subject: EC Hill D Federal #1 Packer vs. Perforation offset

I have examined the open hole logs from this well (see attached) and correlated the deep section to the EC Hill A Federal #7, located approximately 1800 ft to the northwest of this well. Both wells indicate that the interval between the packer and the shallowest perforations below the pack have low porosity. I interpret this to also indicate low permeability.

For the interval between the packer and the uppermost set of perforations, there are no permeable zones or possible danger of fluids getting into formations other than those permitted for the well.

A handwritten signature in black ink, appearing to read "Chris", is located in the lower right quadrant of the page.

PERFORATING GUNS ATLAS CORP.

SIMULTANEOUS RADIATION LOG

NATURAL GAMMA RADIATION

INDUCED NEUTRON RADIATION

LOCATION
2131' FM
660' FEL
SEC. 34
T32S--R37E

COMPANY AMON G. CARTER

WELL HILL #1X 1D

FIELD TEAGUE MCKEE

COUNTY LEA

STATE NEW MEXICO

SECTION 34

TOWNSHIP 32S

RANGE 37E

SURVEY

BL & M

FILE NUMBER
COMPANY AMON G. CARTER
WELL HILL #1-M
FIELD TEAGUE MCKEE
COUNTY LEA
SEC. 34 TWP. 32S
RGE 37E
STATE N.M.
BL & M

LOG NO 3646

LOG MEASURED FROM 1' ABOVE ROTARY TABLE

ELEVATION

DRILLING MEASURED FROM SAME

ELEVATION

PERMANENT DATUM

12.50' ABOVE GROUND LEVEL

ELEVATION

TYPE OF LOG

RUN NUMBER

DATE

TOTAL DEPTH (DRILLER)

EFFECTIVE DEPTH P. G. A. C.

TOP OF LOGGED INTERVAL

BOTTOM OF LOGGED INTERVAL

TYPE FLUID IN HOLE

FLUID LEVEL

MAXIMUM RECORDED TEMP.

O. D. OF INSTRUMENT - INCHES

TIME CONSTANT - SECONDS

LOGGING SPEED - FEET/MINUTE

STATISTICAL VARIATION - INCHES

GAMMA RAY

ONE

8-13-1952

9290

9294

325

9289

MUD

FULL

3 5/8

5

20-60

BROS NEUTRON

ONE

8-13-1952

9290

9294

325

9293

MUD

FULL

3 5/8

5

20-60

RECORDED BY

WITNESSED BY

YOUNG
MAGENDIE

YOUNG
MAGENDIE

CASING RECORD

RUN NO.

SIZE, IN.

WEIGHT, LB.

INTERVAL

ONE 13 3/8
ONE 9 5/8
ONE 7

SURFACE TO 300
SURFACE 2900
SURFACE 9104

OPEN HOLE RECORD

BIT SIZE, IN.

INTERVAL

TO

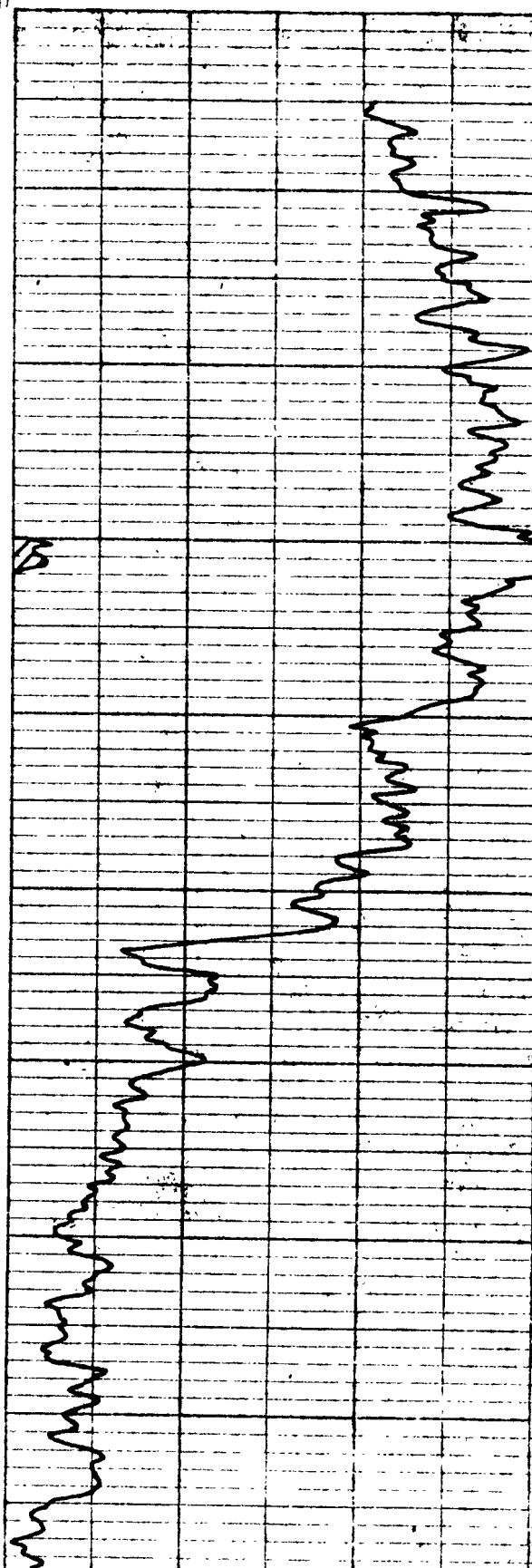
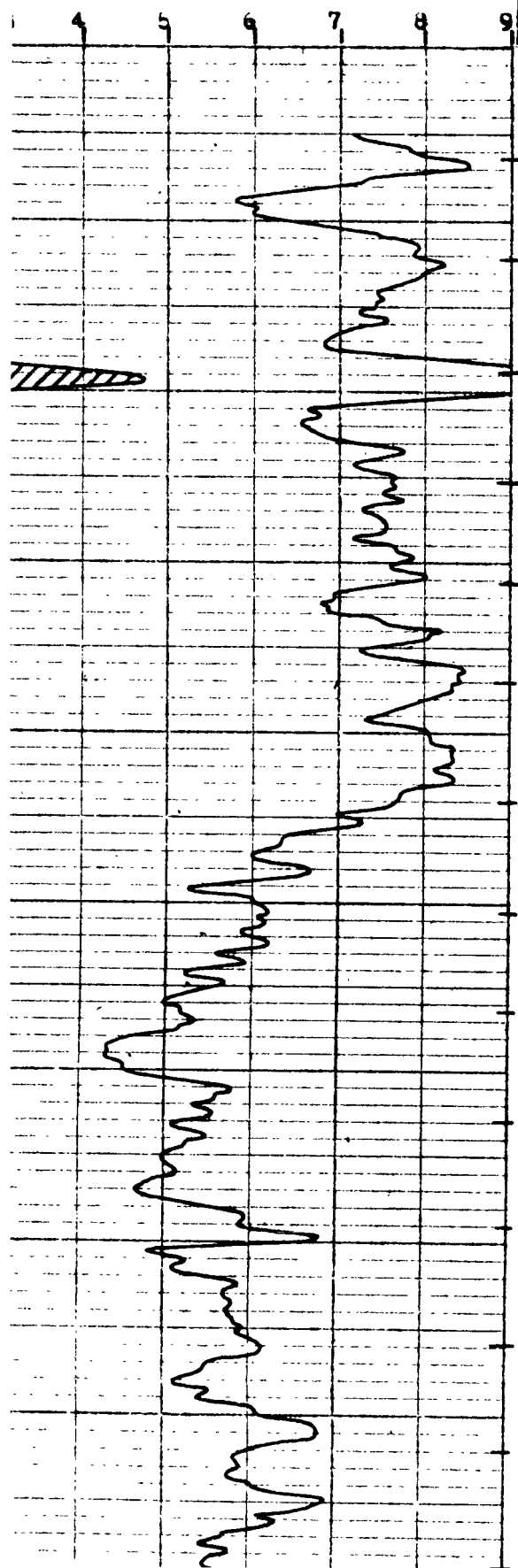
REMARKS AND OTHER DATA

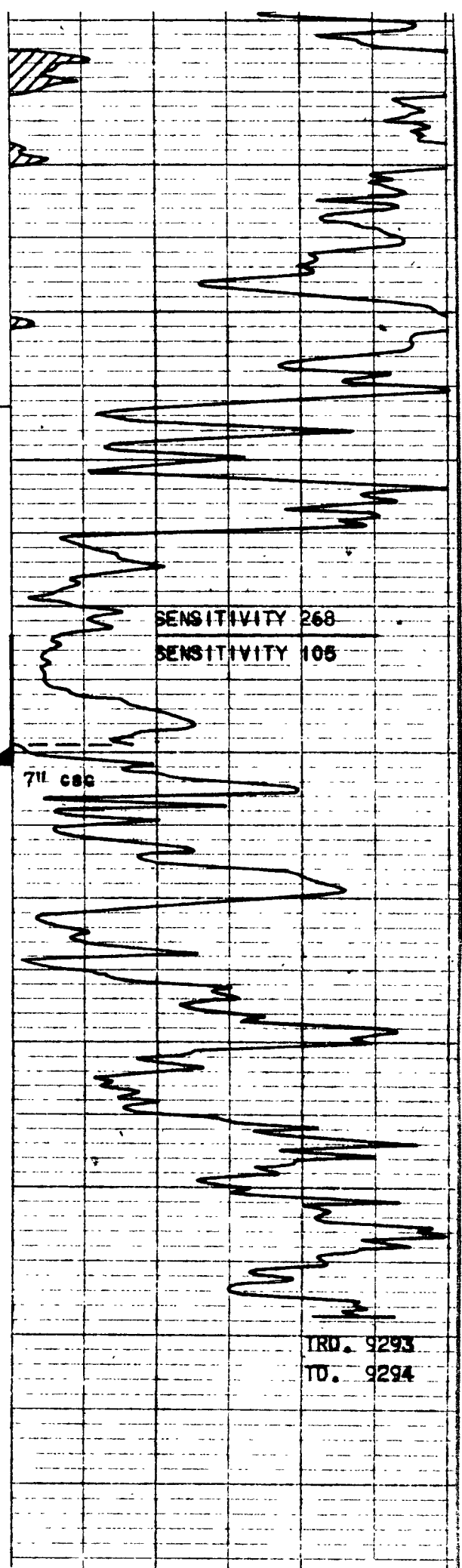
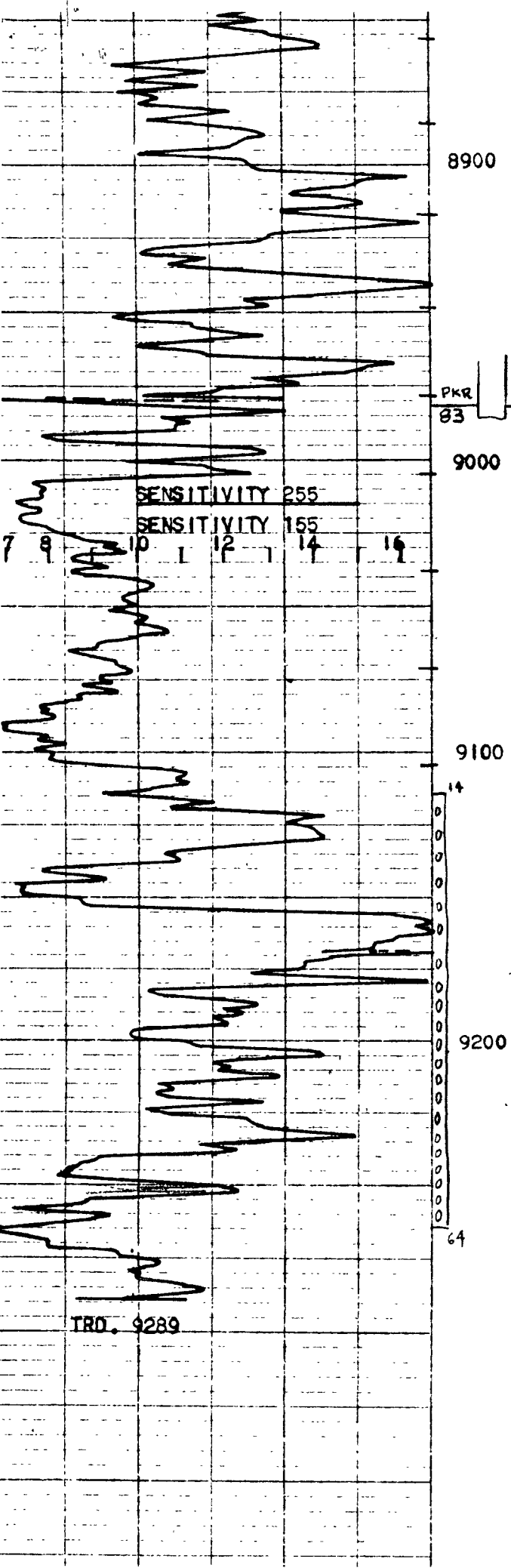
GAMMA RAY
MICRO-ROENTGENS PER HOUR

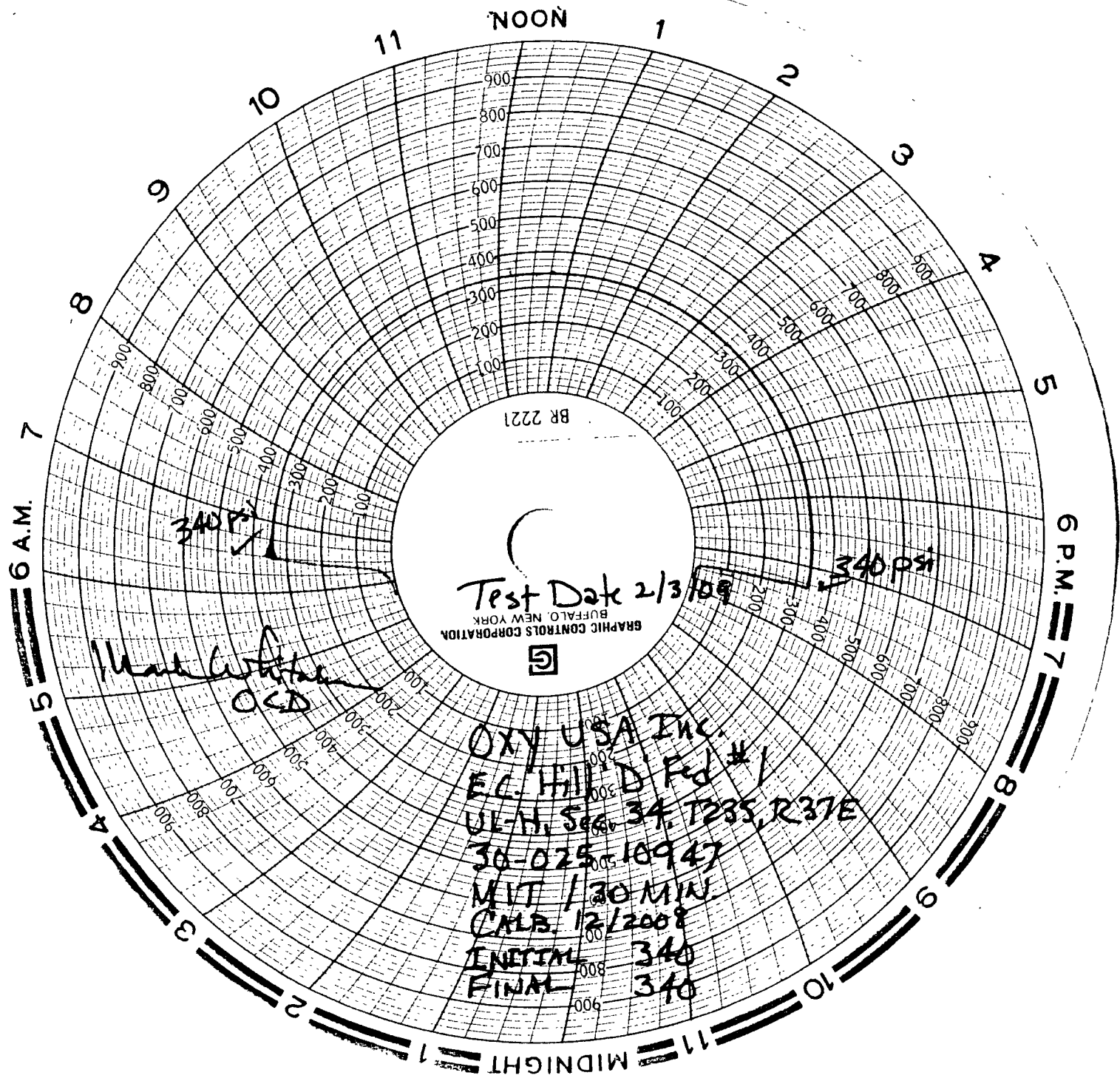
DEPTH
&
CASING
COLLARS

BROMS NEUTRON

COUNTS PER SECOND
(5' DETAIL ONLY)







OXY USA INC.
E.C. Hill D Fed #1
UL-H, Sec 34, T285, R37E
30-025-10947
MIT / 30 MIN
CALB. 12/2008
ENERGY 340
FINAL 340