



Photon Log
Gravel Pack Survey



FILE NO. _____
APR NO. _____
5" 100'
COMPANY OREGON NATURAL GAS CORPORATION
WELL IM 32-10
FIELD MIST
COUNTY COLUMBIA STATE OREGON
LOCATION: 21st St. S. 111.831
R. OF THE N.E. CORNER
C1:
SEC 10 TWP 04 RGE 02
Other Services NONE

Permanent Datum GL Elev. 543.31
Log Measured from KS Elev. 516.81
Drilling Measured from KS Elev. 516.81
Date 1-30-87
Run No. 011
Service Order 22881
Depth - Driller 2168'
Bottom Logged Interval 2164'
Top Logged Interval 1920'
Type Fluid in Hole POLYMER
Density Lb/Gal _____
Level FULL
Max Rec. Temp Deg. F 1 HR.
Ovr. Flg Time 6:10.5
Equip. No. SAC
Location 85 WILCOX
Recorded By: M.G. THOMAS
Witnessed By: _____
Run No. _____
Borehole Record To _____
Casing Record To _____
Size Wgt. From To

Confidential

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGMENT, BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRIC OR OTHER MEASUREMENTS, WE CANNOT AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

OSING RECORD

SIZE	HT	FROM	TO
1 1/2"	2014	2124	2168

REMARKS RUN (1)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	PH	47515	1305	CENT
1	1	GR			
1	1	CCL	35189	2318	CENT

CURVE DELAYS

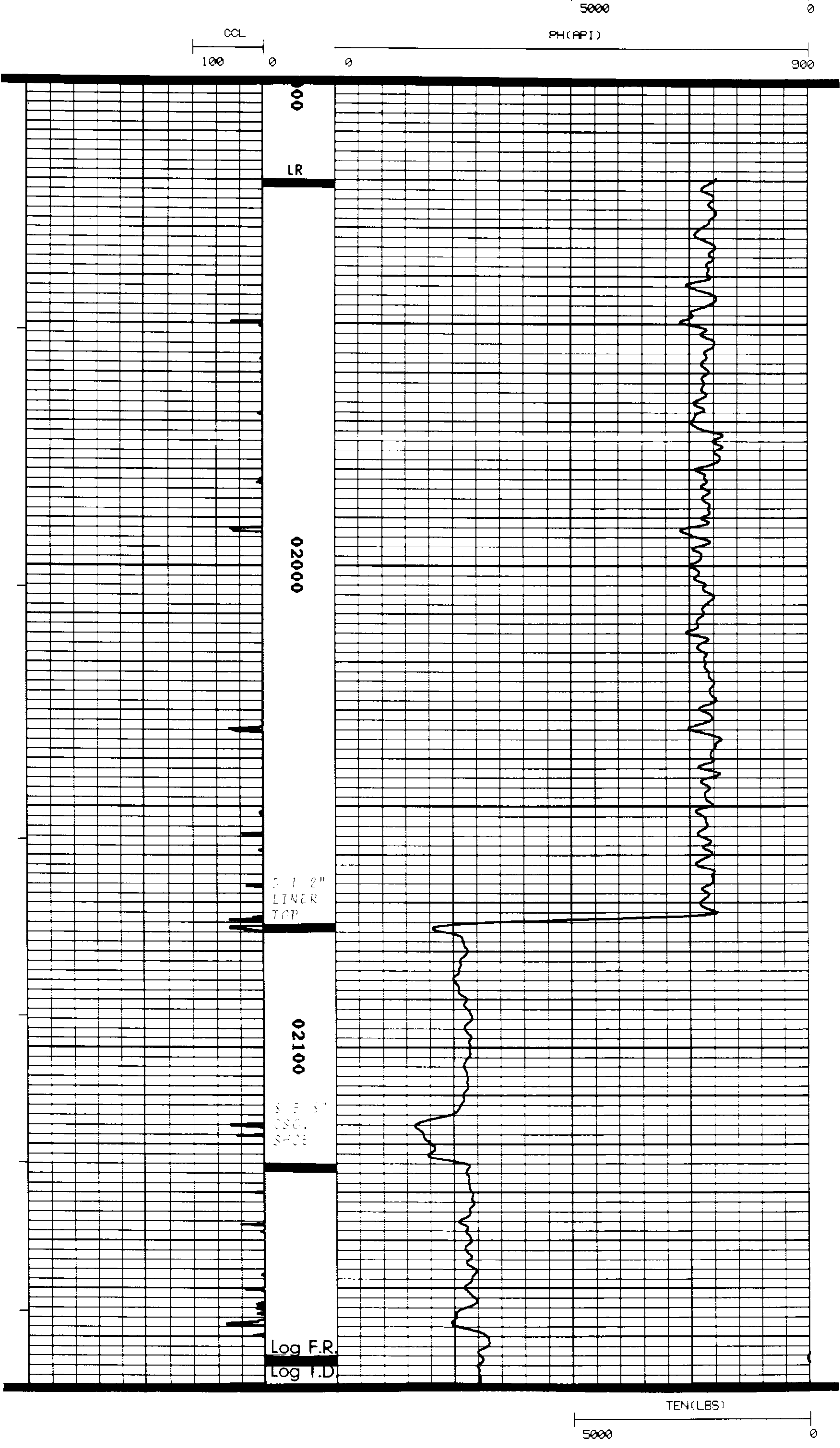
CURVE	DELAY	UNITS
PH	0	FT., IN
GR	0	FT., IN
CCL	0	FT., IN

PARAMETERS

*** NONE ***
DISPLAY SCALE CHANGES
*** NONE ***

COMPANY: OREGON NATURAL GAS CORP
WELL NAME: IM 32-10
SERVICE: KC420A FILE: 3 DATE: 01/15/87
REVISION: FSYSAL REV D007 VER 7

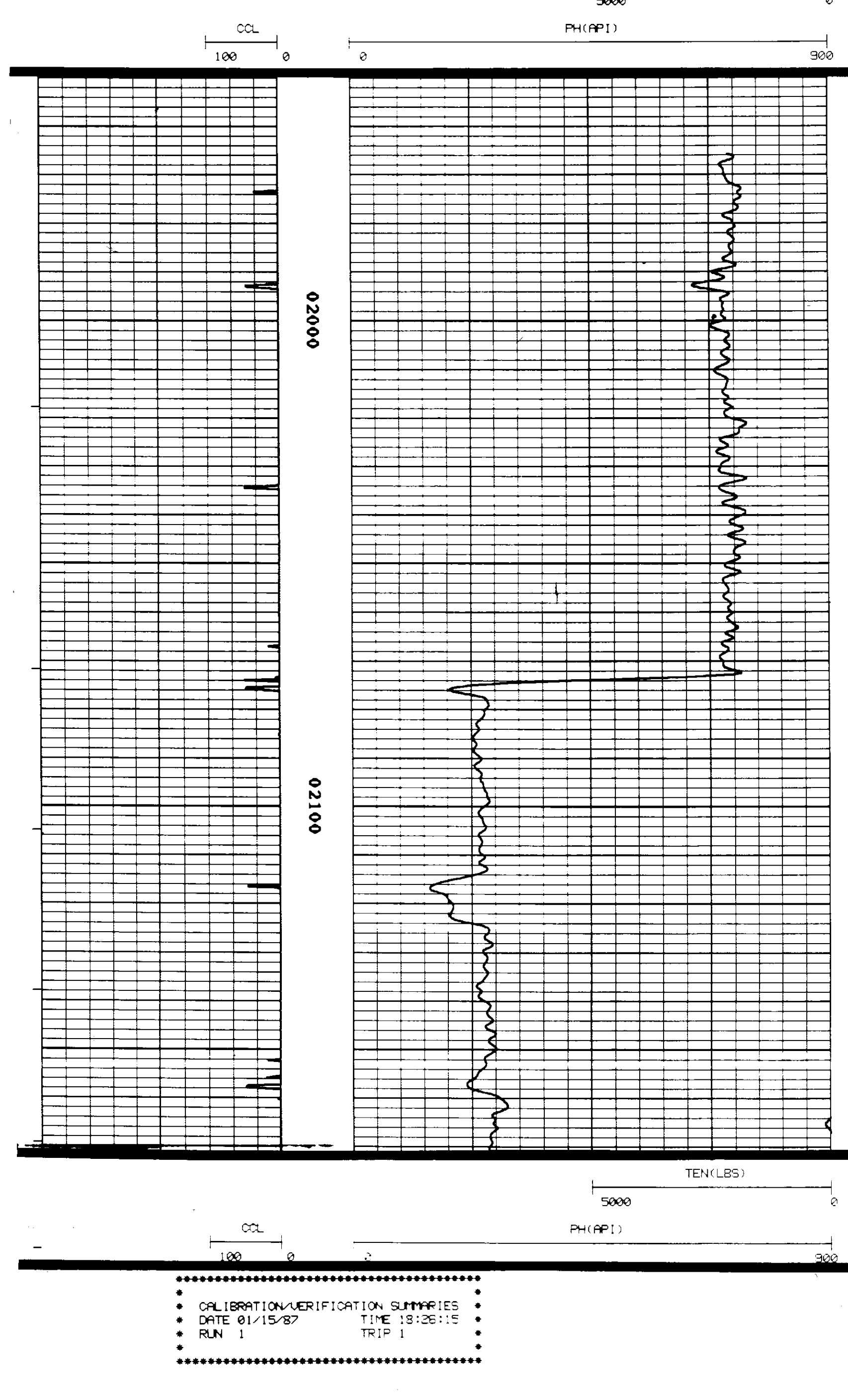
RUN: 1
TRIP: 1
TIME: 17:59:17
MODE: RECORD



COMPANY: OREGON NATURAL GAS CORP
WELL NAME: IM 32-10
SERVICE: KC420A FILE: 2 DATE: 01/15/87
REVISION: FSYSAL REV D007 VER 7

REPEAT SECTION

RUN: 1
TRIP: 1
TIME: 17:51:29
MODE: RECORD



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• CALIBRATION/VERIFICATION SUMMARIES •
• DATE 01/15/87 TIME 18:26:15 •
• RUN 1 TRIP 1 •
.....

LOG NAME	PH	ASSET NO.	47515	UNIT NO.	HL6406
CALIBRATION ENTERED ON 01/15/87 AT 17:07:33					
CURVE	COUNTS/SEC.	SCALING FACTORS	ENGINEERING VALUES	UNITS	
	LOW HIGH	ADD. MULT.	LOW HIGH		
DATE	01/10/87	CALIBRATION	TIME	13:50:45	
PH	19.7 161.9	0.000 1.4062	0.000	200.000	API
PRIMARY VERIFICATION NOT DONE					
DATE	01/15/87	BEFORE LOG VERIFICATION	TIME	17:09:20	
PH	43.2 189.4	0.000 1.4062	60.681	266.306	API
DATE	01/15/87	AFTER LOG VERIFICATION	TIME	18:21:34	
PH	34.0 173.8	0.000 1.4062	47.810	244.348	API

