

**GEOLOGY WELL LOGGING REPORT**

OPERATOR Gulf

WELL NAME A.C. Maddux #3-19 FIELD Amazon Vitch fld.

COUNTY (PARISH), STATE Jennings Co, Ks ELEV. 2990 RUN NO. DF 2877 GL 2981

THE dual and SFL CNL 14T LOG WAS RUN BY Schlumberger

DRILLER'S TD 4225

LOGGERS'S TD 4225

DRILLER'S CSG 865

LOGGER'S CSG 870

GEOLOGIST Bob Tillman

GULF INTEREST 100% wi DATE 11-12-84

THE FOLLOWING SHOWS WERE REPORTED:

NAME	TOTAL INTERVAL		NET PAY	OIL (GAS)	FLUID CONTACTS, ETC.
	TOP	BASE			
<u>Kennecott</u>	<u>3800 (-810)</u>	<u>3806 (-816)</u>	<u>6'</u>	<u>oil</u>	<u>Perme .16 R<sub>t</sub> = 20 Sw = .31 R<sub>w</sub> = .05</u>
<u>U. Wyandotte</u>	<u>3900 (-910)</u>	<u>3914 (-924)</u>	<u>14'</u>	<u>oil</u>	<u>Perme .20 Sw = .54 R<sub>t</sub> = 12 upper 4' looks like best</u>
<u>L. Wyandotte</u>	<u>3992 (-1002)</u>	<u>4002 (-1012)</u>	<u>10'</u>	<u>oil</u>	<u>Perme .18 Sw = .18 R<sub>w</sub> = ? R<sub>t</sub> 7.50 Buvag 3-20 IP 6580 127 BW</u>
<u>Jennings Co.</u>	<u>4139 (-1149)</u>	<u>4149 (-1159)</u>	<u>10'</u>		<u>Perme .16 Sw = .17 R<sub>t</sub> 7.70</u>
<u>Kansas City</u>					<u>more zones not tested yet</u>

A TOTAL OF 0 SWC'S WERE SHOT. THERE WERE \_\_\_\_\_ CORES RECOVERED AND \_\_\_\_\_ BULLETS LEFT IN THE HOLE AT \_\_\_\_\_

TOPS FOR CORRELATION ARE AS FOLLOWS:

ZONE NAME	TOP	COMMENTS
<u>Winfield</u>	<u>2552 (+438)</u>	
<u>Council Grove</u>	<u>2764 (+226)</u>	
<u>Hebron Sh</u>	<u>3740 (-750)</u>	
<u>Toronto</u>	<u>3756 (-766)</u>	
<u>Kennecott</u>	<u>3800 (-810)</u>	<u>#1 produces from 6' of perm <sup>meq</sup> 100,000 BW</u>
<u>Kennecott Cbk</u>	<u>3893 (-903)</u>	

ADDITIONAL LOGS & SERVICES: \_\_\_\_\_

MISCELLANEOUS DATA: \_\_\_\_\_

REPORT TAKEN BY Maurice McFallen 11-13-84

**GEOLOGY WELL LOGGING REPORT**

OPERATOR \_\_\_\_\_

WELL NAME \_\_\_\_\_ FIELD \_\_\_\_\_

COUNTY (PARISH), STATE \_\_\_\_\_ ELEV. \_\_\_\_\_ RUN NO. \_\_\_\_\_

THE \_\_\_\_\_ LOG WAS RUN BY \_\_\_\_\_

DRILLER'S TD \_\_\_\_\_ LOGGERS'S TD \_\_\_\_\_

DRILLER'S CSG \_\_\_\_\_ LOGGER'S CSG \_\_\_\_\_

GEOLOGIST \_\_\_\_\_ GULF INTEREST \_\_\_\_\_ DATE \_\_\_\_\_

THE FOLLOWING SHOWS WERE REPORTED:

NAME	TOTAL INTERVAL		NET PAY	OIL (GAS)	FLUID CONTACTS, ETC.
	TOP	BASE			

A TOTAL OF \_\_\_\_\_ SWC'S WERE SHOT. THERE WERE \_\_\_\_\_ CORES RECOVERED AND \_\_\_\_\_ BULLETS LEFT IN THE HOLE AT \_\_\_\_\_

TOPS FOR CORRELATION ARE AS FOLLOWS:

ZONE NAME	TOP	COMMENTS
4. Wynndotte	3900 (-910)	} will be tested } — higher $\phi$ than other wells. <i>ostracods?</i>
5. Wynndotte	3992 (-1002)	
Loose Shale	4012 (-1022)	
Drum	4056 (-1066)	
Cherryvale	4131 (-1141)	
Dennis	4139 (-1149)	— test. Would be test 3

ADDITIONAL LOGS & SERVICES: \_\_\_\_\_

MISCELLANEOUS DATA: \_\_\_\_\_

REPORT TAKEN BY \_\_\_\_\_

NET PAY DETERMINATIONS OF GULF INTEREST WELLS  
PRODUCING AND PROVEN HORIZONS

Operator Well Name and Number GULF A.C. MADDUX No. 3-19  
 Location 2310' ENL E 1650' FEL Sec. 19 Blk. 22S Svy. 34W  
 Pool or Field AMAZON DITCH County FINNEY State KS

Horizon	Interval	Well Bore Net Ft	Gas or Oil	Por. Cut-Off	(1) Avg. Por. %	Temp at Fm. Depth	Rw Used	(2) Avg. Sw-%	Prod. Acres Unit	Avg. Pay Unit	Spacing
<u>UPPER WYANDOTTE (KC)</u>	<u>3900-3914</u>	<u>7'</u>	<u>OIL</u>	<u>8%</u>	<u>20%</u>	<u>104°F</u>	<u>.05</u>	<u>54%</u>	<u>40 AC</u>	<u>12'</u>	<u>UNSPACED</u>

Remarks: (Including Source of Data (1) and (2) Above). Schlumberger E-LOGS

12/27  
NYK  
 Pmp'd well 24 hrs. Rec'd 40 BO, 39 BW GTSTM. Well completed 12/22/84 as a pmp'g oil well in the Amazon Ditch field @ a rate of 40 BOPD, 39 BWPD, GTSTM. Well is perforated fr 3900'-3904' KB in the Upper Wyandotte of the Kansas City Group. Well is subject to statewide spacing of 10 acres in the Kansas City, TD=4225' PBTID=3968'. Allowable is 50 BOPD. Final cost: \$273,000  
FINAL REPORT DROP

API-15-055-20572

Prepared By B.L. TILLMAN Date 12-28-84  
 CRG

# RECOMMENDED PERFORATIONS

A.C. MADDOX #3-19

## KANSAS CITY

TEST  
SEPARATELY

① DENNIS LIME  
4142 - 4147 5'

TEST  
SEPARATELY

② LOWER WYANDOTTE  
3992 - 4000 8'

TEST ONLY IF  
NC IN 142

③ UPPER WYANDOTTE  
3900 - 3904 4'

SEPARATE TESTS

Don G. Raby

BLT 11-14-84  
CRB

24521



COMPENSATED NEUTRON/LITHDENSITY M/GR



COMPANY: GULF OIL EXPLORATION & PRODUCTION COMPANY

WELL: A. C. MADDOX #3-19

FIELD: AMAZON DITCH

COUNTY: FINNEY

STATE: KANSAS

NATION: USA

LOCATION: 2310' FNL & 1650' FEL

SEC: 19 TWP: 22 S RGE: 34 W

PERMANENT DATUM: GROUND LEVEL ELEVATIONS-  
ELEV. OF PERM. DATUM: 2981.0 F KB: 2990.0 F  
LOG MEASURED FROM: KB DF: 2987.0 F  
9.0 F ABOVE PERM. DATUM GL: 2981.0 F  
-G. MEASURED FROM: KB

DATE: 9 NOV 84  
RUN NO: 1

DEPTH-DRILLER: 4225.0 F  
DEPTH-LOGGER: 4225.0 F  
BTM. LOG INTERVAL: 4223.0 F  
TOP LOG INTERVAL: 2480.0 F

CASING-DRILLER: 865 F  
CASING-LOGGER: 870 F  
CASING: 8 5/8"  
WEIGHT: 24.00 LB/F  
DIT SIZE: 12 1/4" 2 7/8"

OTHER SERVICES-  
DIL  
LDT/CNL  
DMQL

API SERIAL NO:  
055 20572

PROGRAM  
TAPE NO:  
26.2  
SERVICE  
ORDER NO:  
386237

TYPE FLUID IN HOLE: GEL HULLS  
DENSITY: 9.5 LB/G  
VISCOSITY: 48.0 S  
PH: 9.5  
FLUID LOSS: 11.0 CC  
SOURCE OF SAMPLE: FLOWLINE  
RM: .758 DHMM AT 54.0 DEGF  
RMF: .710 DHMM AT 62.0 DEGF  
RMC: AT  
SOURCE RMF/RMC: PRESS ?  
RM AT BHT: .405 DHMM AT 107. DEGF  
RMF AT BHT: .429 DHMM AT 107. DEGF  
RMC AT BHT: AT 107. DEGF

UPPER  
WYANDOTTE

3900

4'

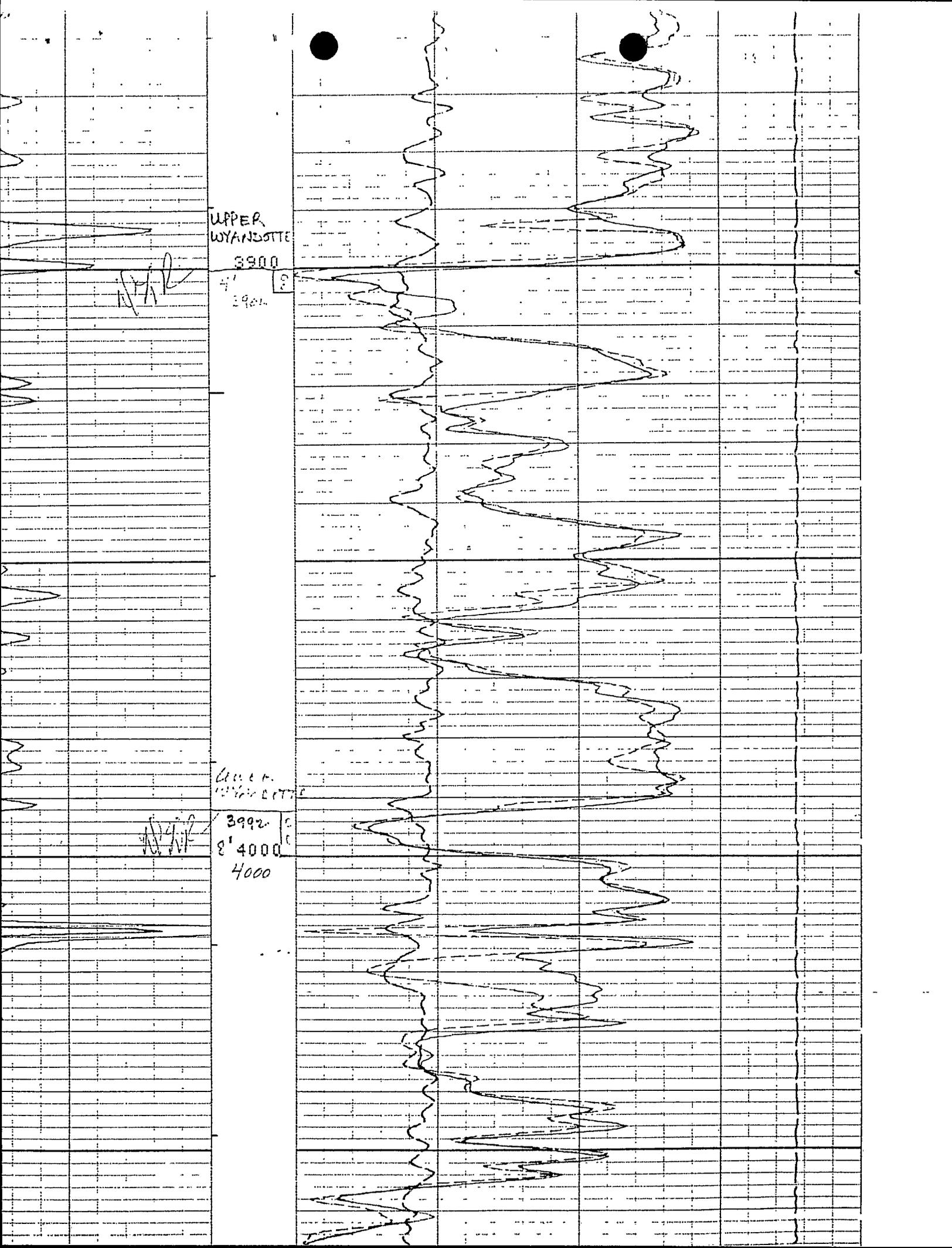
3901

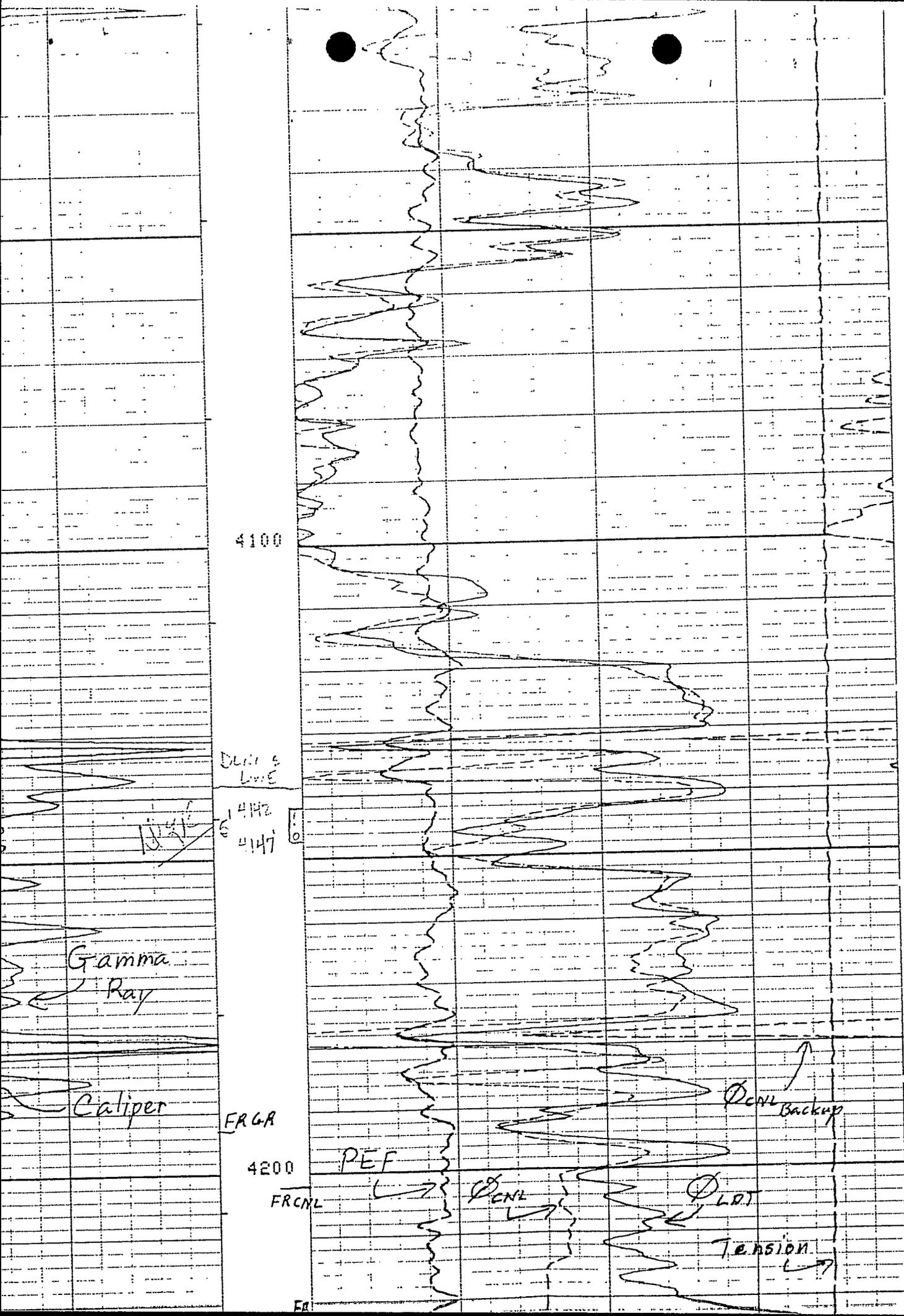
Upper  
Wyandotte

3992

8' 4000

4000





4100

DLI &  
LWE

4142  
4147

Gamma  
Ray

Caliper

FRGR

4200

PEF

FRCNL

D\_CNL

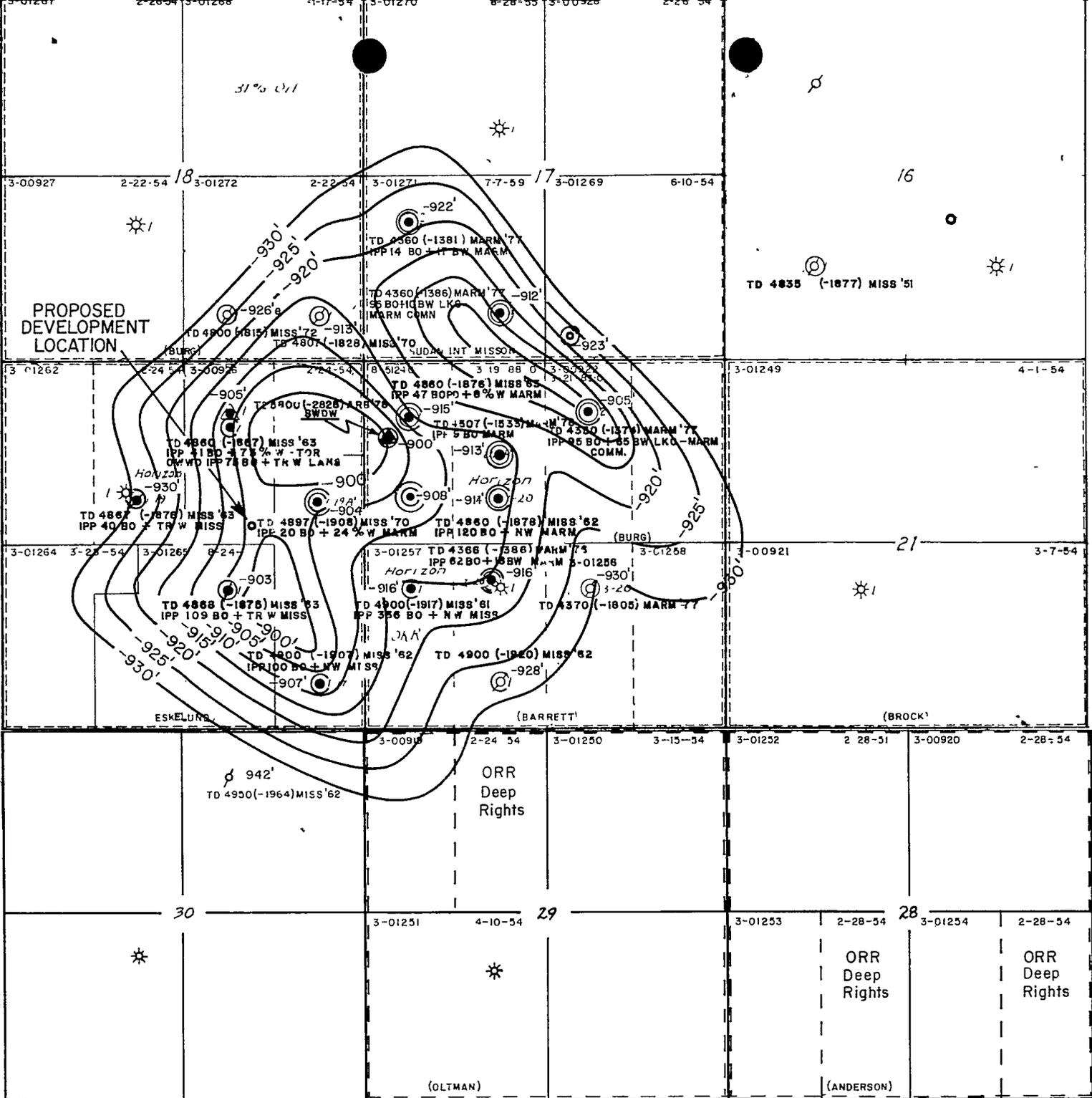
D\_LRT

TENSION

D\_CNL Backup

FR





R 34 W

LEGEND

- LOCATION
  - DRILLING
  - OIL WELL
  - \* GAS WELL
  - ∅ DRY HOLE
  - ⊙ KANSAS CITY Penetration
  - ⊙ KANSAS CITY Completion
  - Approx. Proven Limits of Prod.
- 3799 : (-806 ) LNG  
 Log Depth Sub Sea Horizon  
 6 / Net / Gross  
 T.D.: 4860 (-1867 ) MSSP '63  
 I.P.: 75 BOPD  
 Fm. Yr. Drd. LNG Fm.



GULF OIL EXPLORATION & PRODUCTION COMPANY	
Field Name: AMAZON DITCH	Well Name: A. C. MADDUX NO. 3-19
County: FINNEY CO.	State: KANSAS
Type Map: STRUCTURE	Horizon: UPPER WYANDOTTE (KANSAS CITY)
Contour Interval: 5'	Spacing - No.: UNSPACED
Scale: 1" = 2000'	Date: 8-1-84 Interpretation By: B. L. TILLMAN

# Universal Testing Inc.

Moore Oklahoma  
794-5504

P.O. Box 7265  
Moore Oklahoma 73153

Woodward Oklahoma  
256-1995

**24 HOUR SERVICE**

Company Gulf Oil Exploration Well AC Maddux 3-19 Date: 11-11-84  
Location Sec 19-22S-34W County Finnex State Kansas  
Zero K.B. T.D. 77/8 @ 4225 Size Hole Size Pipe  
5 1/2 @ 4223 Plug 4180  
Amount of 300 Sks Additives \_\_\_\_\_  
Cement & Type \_\_\_\_\_  
Instrument \_\_\_\_\_ Estimated \_\_\_\_\_  
Reached 4179 Top 2600 Ran By Lynn

Temperature

