

OIL CONSERVATION COMMISSION
P. O. BOX 2157
Hobbs, New Mexico

July 17, 1961

Mr. Joe D. Ramey
P.O. Box 2045
Oil Conservation Commission
Hobbs, New Mexico

Dear Sir:

This is to advise that water injection has been initiated on the six injection wells in the South Eunice - Eumont Pilot Flood Project. The purpose of this letter is to request the daily allowables as shown on the following wells:

Pool	Lease and Well No.	Unit	S - T - R	Alw. Requested
Eumont	Arnott-Ramsay "D" No. 2	A	33-21S-36E	42
"	" No. 14	H	33-21S-36E	23
"	W. A. Ramsay "A" No. 17	J	27-21S-36E	9
"	" No. 45	E	"	41
"	" No. 47	L	"	23
"	" No. 2	M	"	6
"	" No. 31	O	"	33
"	" No. 29	P	"	20
"	" No. 33	C	34-21S-36E	60
"	" No. 25	A	"	24
"	" No. 30	G	"	28
"	" No. 26	E	"	52
"	" No. 23	I	"	20
"	" No. 28	O	"	8
"	" No. 21	P	"	11
"	" No. 22	D	35-21S-36E	11
"	" No. 20	E	"	21
"	" No. 19	L	"	23
South Eunice "	No. 34	K	34-21S-36E	24
"	" No. 38	L	"	36
"	" No. 36	N	"	12

This is the first allowable request as a result of the pilot flood and it is requested that the allowable be made effective August 1, 1961.

Yours very truly,

J. M. Russell
J. M. RUSSELL
Area Production Manager

CMB:ptg

cc: Oil Conservation Commission, Santa Fe, New Mexico
M. I. Taylor - Roswell
O. R. Kemp (2) - Eunice Field

*Discussed
the 5 wells which
gulf requests top
allowables in XS
of top unit allowable
w/ Joe Ramey 7/20/61.
He will hold these
wells to top unit
allowable
until the*

*Project was proposed
to water injection
from 7/20/61*

*527
25
527
42
107
107*

October 5, 1961

Mr. William V. Kastler
P. O. Box 1938
Roswell, New Mexico

Re: State Leases B-1732 and
B-229 Consolidation for
Waterflood Project, Lea
County, New Mexico

Dear Mr. Kastler:

The Commissioner of Public Lands has of this date approved the application for consolidation for operation of a Waterflood Project by Gulf Oil Corporation.

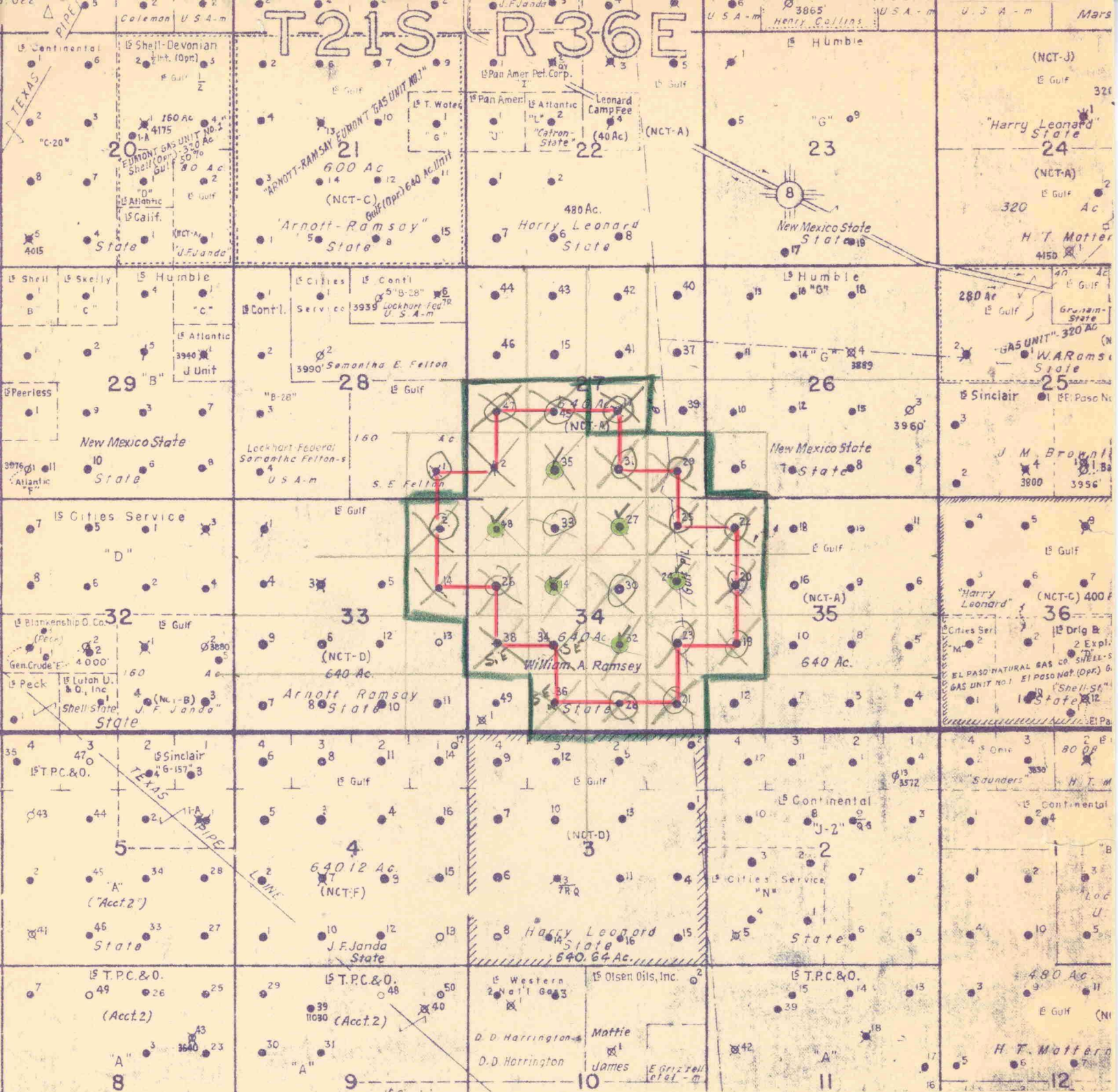
This is a partial consolidation of two State Oil and Gas Leases all of the acreage being the same beneficiary and the same lessee of Record.

There is a \$20.00 fee due for the filing and approval of this instrument.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

ESW/mm/v
cc: Oil Conservation Commission
Santa Fe, New Mexico
encl:



**AREA PLAT
W. A. RAMSAY (NCT-A) LEASE
LEA COUNTY, NEW MEXICO**

- LEGEND -

● Proposed Water Injection Well

□ Pilot Waterflood Area

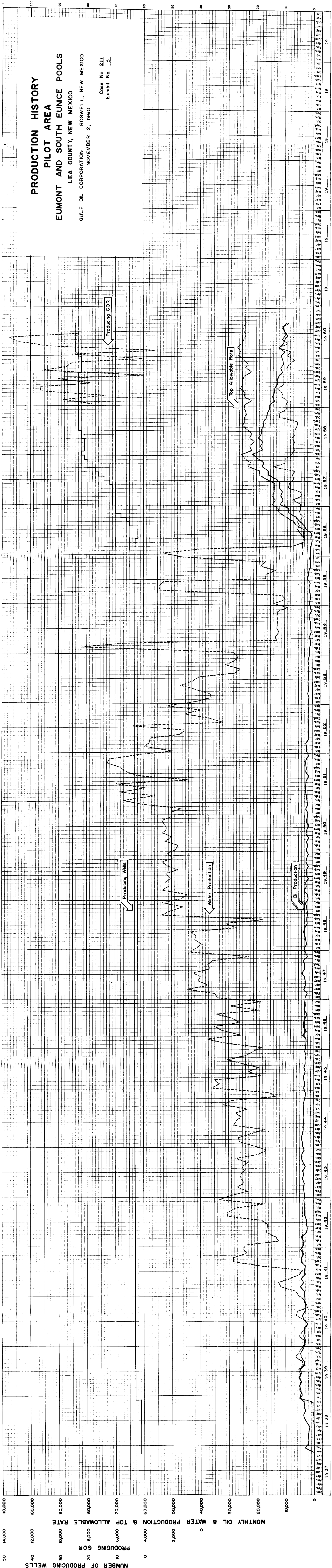
Gulf Oil Corporation

September 28, 1960

PRODUCTION HISTORY PILOT AREA

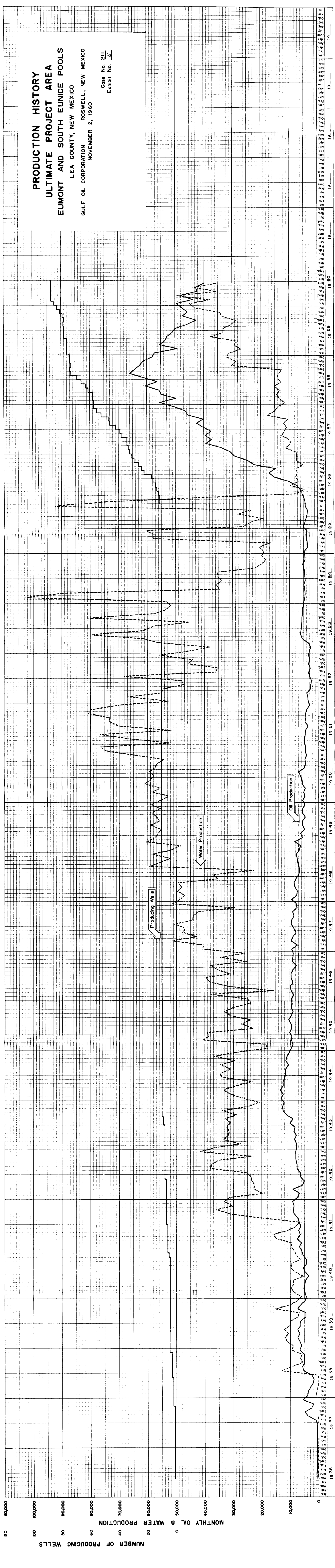
EUMONT AND SOUTH EUNICE POOLS
LEA COUNTY, NEW MEXICO
GULF OIL CORPORATION ROSWELL, NEW MEXICO
NOVEMBER 2, 1960

Case No. 2111
Exhibit No. 3



PRODUCTION HISTORY
ULTIMATE PROJECT AREA
EUMONT AND SOUTH EUNICE POOLS
LEA COUNTY, NEW MEXICO
GULF OIL CORPORATION ROSWELL, NEW MEXICO
NOVEMBER 2, 1960

Case No. 2111
Exhibit No. 27



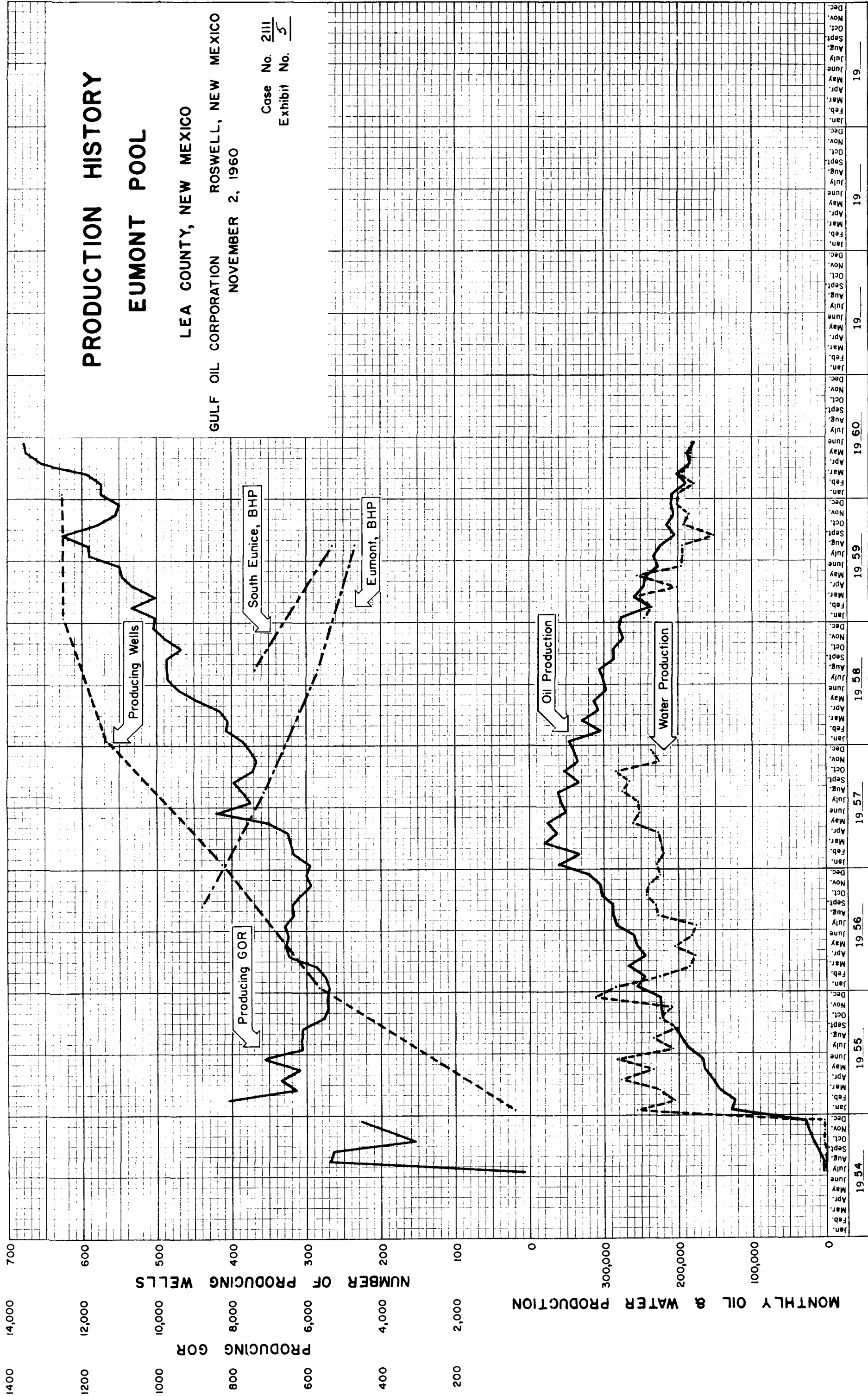
PRODUCTION HISTORY

LEA COUNTY, NEW MEXICO

GULF OIL CORPORATION ROSWELL, NEW MEXICO

NOVEMBER 2, 1960

Case No.	2111
Exhibit No.	5



GULF NO. 16
W. A. RAMSAY (NCT-A)
35-21-36
EL. 3573

GULF NO. 20
W. A. RAMSAY (NCT-A)
35-21-36
EL. 3577

GULF NO. 24
W. A. RAMSAY (NCT-A)
34-21-36
EL. 3581

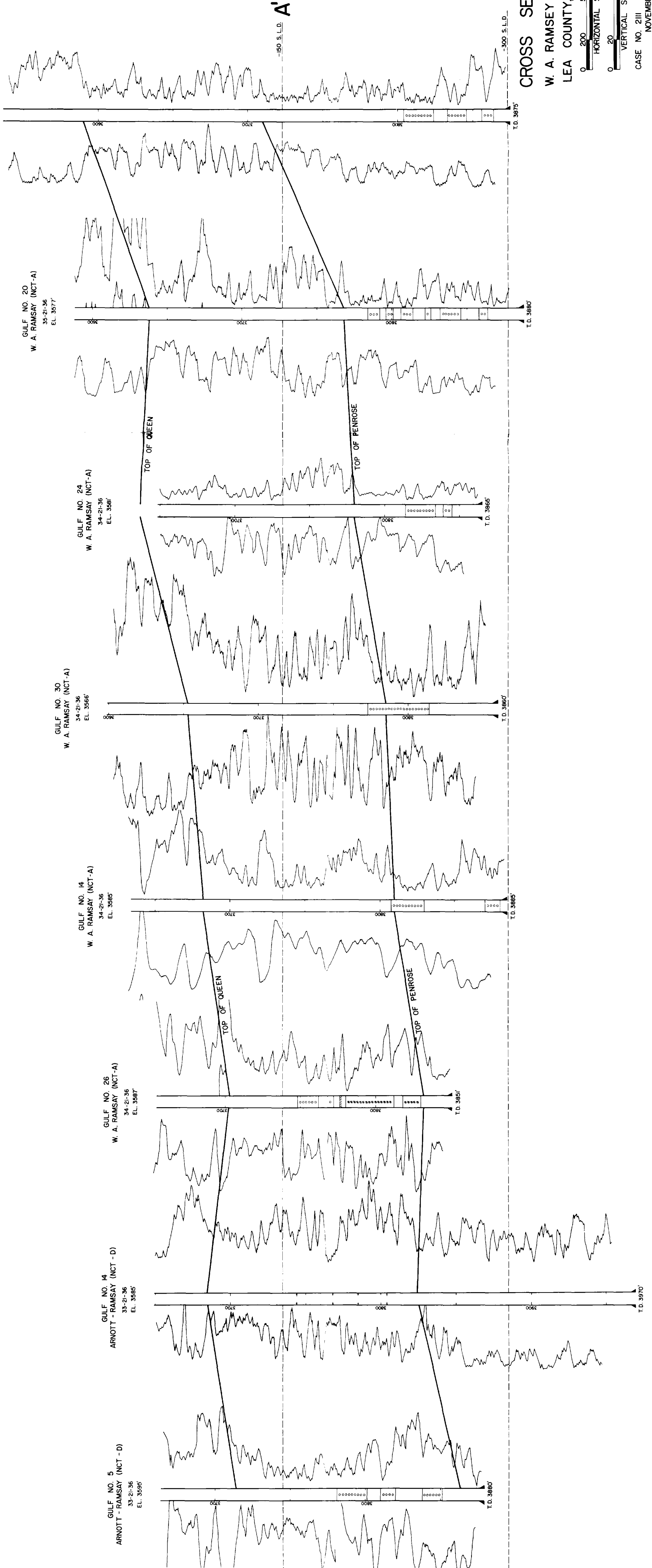
GULF NO. 30
W. A. RAMSAY (NCT-A)
34-21-36
EL. 3586

GULF NO. 14
W. A. RAMSAY (NCT-A)
34-21-36
EL. 3585

GULF NO. 26
W. A. RAMSAY (NCT-A)
34-21-36
EL. 3587

GULF NO. 14
ARNOTT - RAMSAY (NCT-D)
33-21-36
EL. 3585

GULF NO. 5
ARNOTT - RAMSAY (NCT-D)
33-21-36
EL. 3595



CROSS SECTION A-A'

W. A. RAMSEY (NCT-A) LEASE
LEA COUNTY, NEW MEXICO

HORIZONTAL SCALE IN FEET
0 200 500 1000

VERTICAL SCALE IN FEET
0 20 50 100

CASE NO. 2111 EXHIBIT NO. 8
NOVEMBER 2, 1960

GULF NO. 16
W. A. RAMSAY (NCT-A)
35-21-36
EL. 3573

GULF NO. 20
W. A. RAMSAY (NCT-A)
35-21-36
EL. 3577

GULF NO. 24
W. A. RAMSAY (NCT-A)
34-21-36
EL. 3581

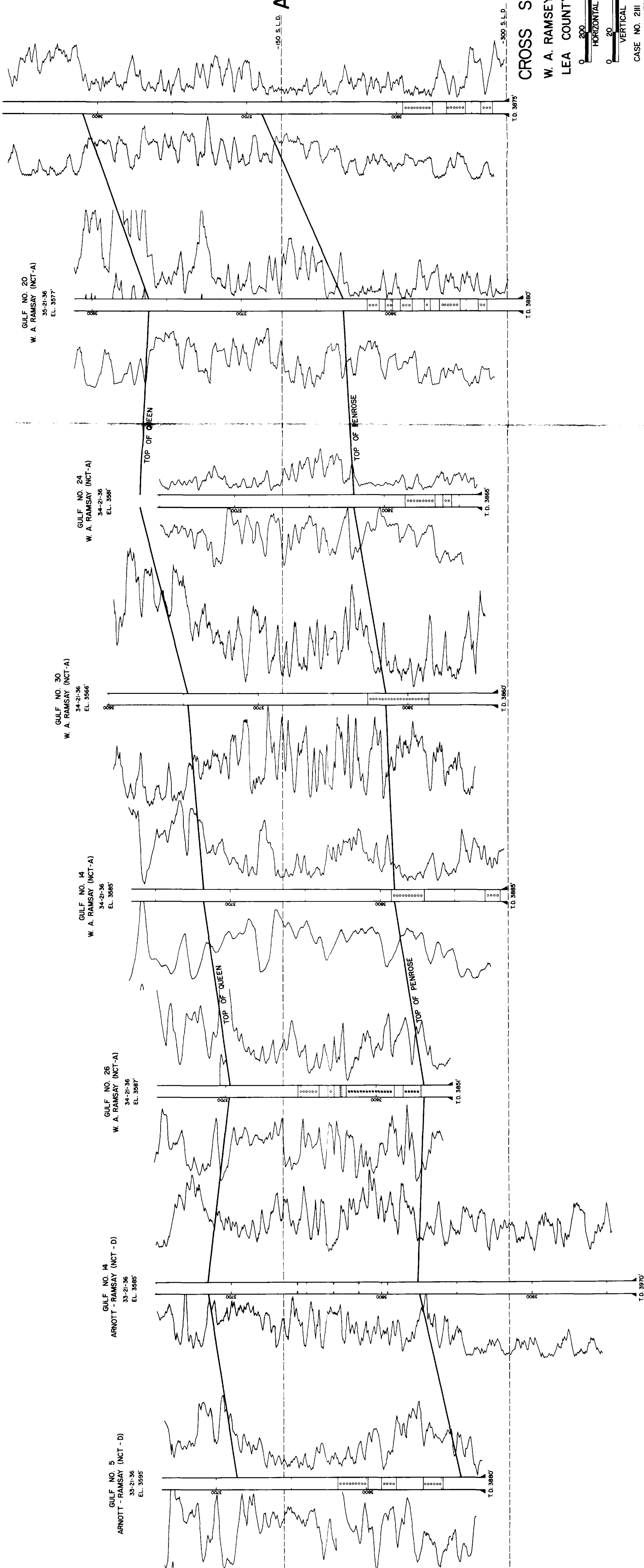
GULF NO. 30
W. A. RAMSAY (NCT-A)
34-21-36
EL. 3566

GULF NO. 14
W. A. RAMSAY (NCT-A)
34-21-36
EL. 3585

GULF NO. 26
W. A. RAMSAY (NCT-A)
34-21-36
EL. 3587

GULF NO. 14
ARNOTT - RAMSAY (NCT - D)
33-21-36
EL. 3585

GULF NO. 5
ARNOTT - RAMSAY (NCT - D)
33-21-36
EL. 3595



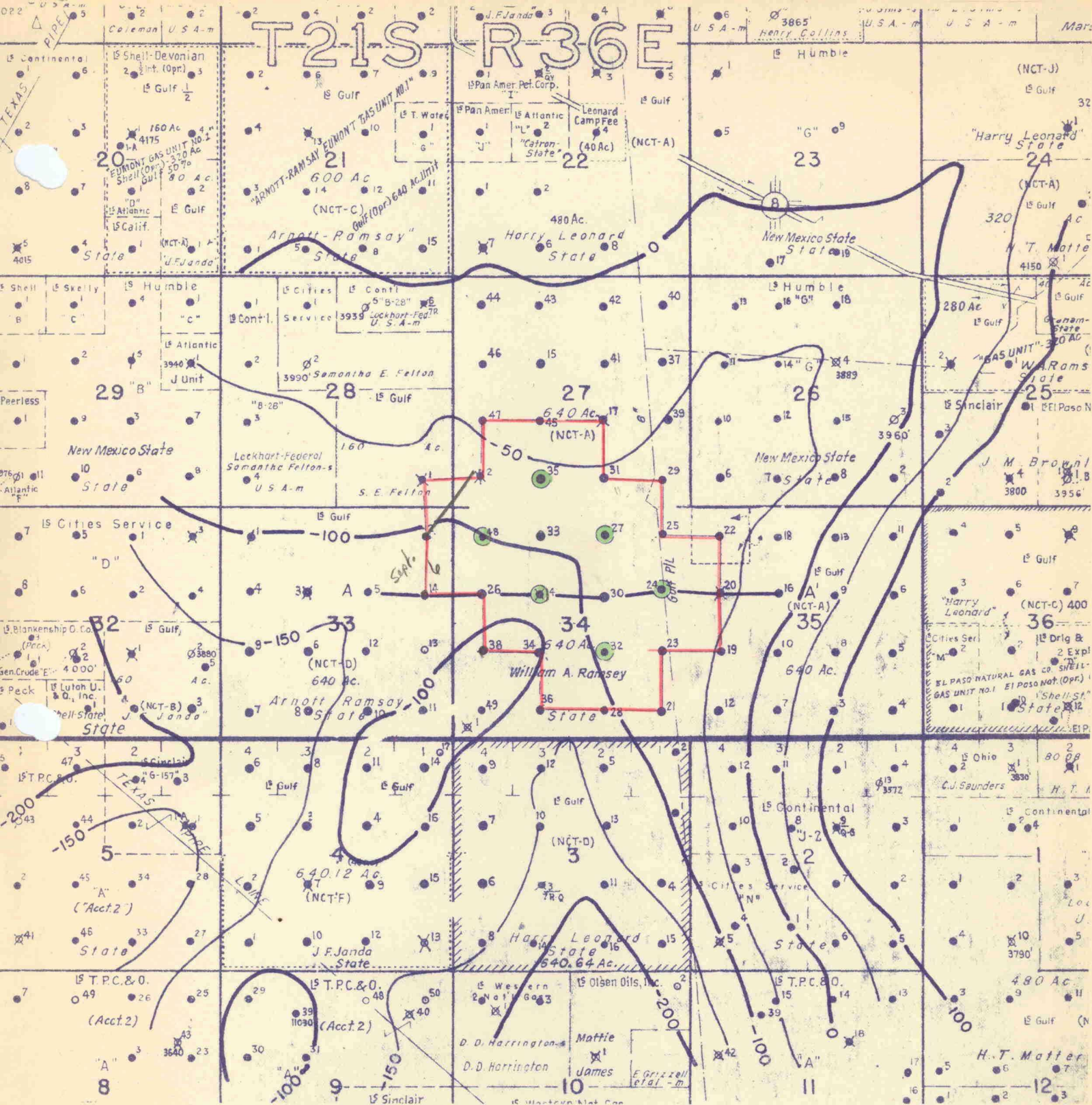
CROSS SECTION A-A'

W. A. RAMSEY (NCT-A) LEASE
LEA COUNTY, NEW MEXICO

0 200 500 1000
HORIZONTAL SCALE IN FEET

0 20 50 100
VERTICAL SCALE IN FEET

CASE NO. 2111 EXHIBIT NO. 8
NOVEMBER 2, 1960



STRUCTURE PLAT
W. A. RAMSAY (NCT-A) LEASE
LEA COUNTY, NEW MEXICO

CONTOURED ON TOP QUEEN FORMATION
CONTOUR INTERVAL: 50'

- LEGEND -

● Proposed Water Injection Well

▭ Pilot Waterflood Area

A-A' Line of Cross-Section

Case No. 2111
Exhibit No. 7

CASING PROGRAM OF INJECTION WELLS

William A. Ramsay "A" Well No. 14 (completed June, 1954)

9-5/8" @ 406' cemented with 250 sax, cement circulated
7" @ 3034' cemented with 1475 sax, cement circulated
4-1/2" liner @ 3885' (Top @ 2880') cemented with 100 sax

William A. Ramsay "A" Well No. 24 (completed November, 1956)

8-5/8" @ 263' cemented with 225 sax, cement circulated
5-1/2" @ 3865' cemented with 1000 sax, top of cement @
135' (temperature survey)

William A. Ramsay "A" Well No. 27 (completed May, 1957)

8-5/8" @ 415' cemented with 325 sax, cement circulated
5-1/2" @ 3845' cemented with 1696 sax, top of cement @
1910' (temperature survey)

William A. Ramsay "A" Well No. 32 (completed September, 1957)

8-5/8" @ 422' cemented with 300 sax, cement circulated
5-1/2" @ 3870' cemented with 350 sax, top of cement @
2530' (temperature survey)

William A. Ramsay "A" Well No. 35 (completed December, 1957)

8-5/8" @ 401' cemented with 385 sax, cement circulated
5-1/2" @ 3850' cemented with 1225 sax, cement circulated

William A. Ramsay "A" Well No. 48 (completed January, 1960)

8-5/8" @ 396' cemented with 325 sax, cement circulated
5-1/2" @ 3846' cemented with 550 sax, top of cement @
2900' (temperature survey)

Reproduced By
West Texas Electrical Log Service
 1305 Commerce Street
 Dallas 1, Texas

REFERENCE N° A 3136 -A



RADIOACTIVITY LOG
WELEX JET SERVICES, Inc.

LICENSED BY: WELL SURVEYS, INC.

FILE NO.

Location of Well	COMPANY GULF OIL CORP.	COUNTY LEA LOCATION 1980' 7' NW 1/4 SEC. 34 TOWNSHIP 21-S RANGE 36 E	STATE N. MEX.
	WELL W. A. RAMSEY #187 (NCT-A)		
	FIELD WEST SERVICE		
	COUNTY LEA STATE N. MEX.		
	LOCATION 1980' 7' NW 1/4 SEC. 34		
TOWNSHIP 21-S RANGE 36 E			

LOG MEAS. FROM	K. D. B. FLO.	ELEV.
DRUG. MEAS. FROM	SAFE	ELEV.
PERM. DATUM	SURF. CARG. FLO.	ELEV.

TYPE OF LOG	GAMMA RAY	NEUTRON
SUN NO.	1	2
DATE	6-26-56	6-26-56
JOB NO.	617-451	2-693
TOTAL DEPTH (DRILLER)	3895	3895
EFFECTIVE DEPTH (DRILLER)	3895	3895
TOTAL DEPTH (R/A LOG)	3885	3885
TOP OF LOGGED INTERVAL	SURF.	SURF.
BOTTOM OF LOGGED INTERVAL	3874	3883
TYPE OF FLUID IN HOLE	MUD	MUD
FLUID LEVEL	FULL	FULL
MAXIMUM RECORDED TEMPERATURE		600 H
NEUTRON SOURCE STRENGTH & TYPE		3-75
SOURCE SPACING-IN.		9-1
LENGTH OF MEASURING DEVICE-IN.	35	3-5/8
O.D. OF INSTRUMENT-IN.	3-5/8	2-1/2
TIME CONSTANT-SECONDS	3	20-35
LOGGING SPEED FT./MIN.	20-35	158
STATISTICAL VARIATION-IN.	128	
SENSITIVITY REFERENCE	FULLER	
RECORDED BY	STACE	
WITNESSED BY		

CASING RECORD				OPEN HOLE RECORD			
SIZE-IN.	WT.-LB.	INTERVAL	R/A DEPTH	WT SIZE-IN.	INTERVAL	TO	TO
9-5/8	406	TO SURF.		8-3/4	30 3/4	TO SURF.	
7	30 3/4	TO SURF.		6-1/8	3895	TO 30 3/4	
		TO				TO	

REMARKS OR OTHER DATA

WELEX T. D. 3895
 GULF T. D. 3885
 K. D. B. 11.5 FT. AMY. CRO. FLO.

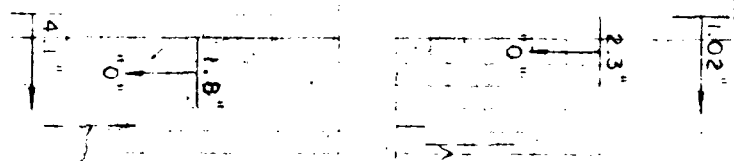
GAMMA RAY

→
 RADIATION INTENSITY INCREASES

NEUTRON

→
 RADIATION INTENSITY INCREASES

CASING &
 COUNTRY LOG
 DEPTH





FILE NO

SP-10 CASE

West Texas Electrical Log Service

Date: 11/17/56

REFERENCE NO. A 5818 -A



RADIOACTIVITY LOG WELEX JET SERVICES, Inc.

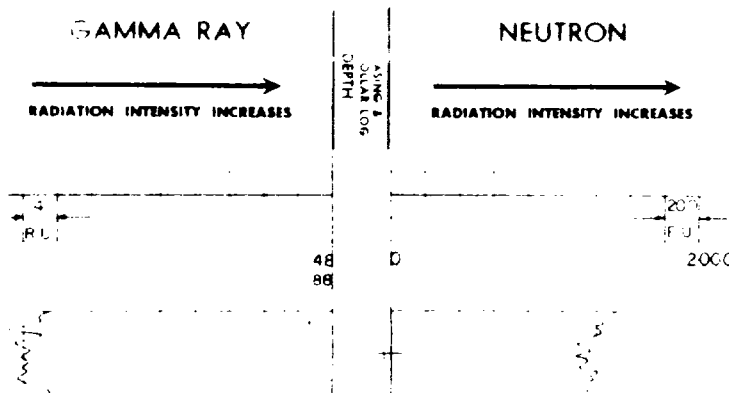
FILE NO.

Location of Well	COMPANY GULF OIL CORPORATION WELL A. RAMSAY (NOT - A) NO. 24 FIELD EUMONT COUNTY LEA STATE TEXAS LOCATION 1980' EIL & 660' EIL OF SEC. 34 T - 21 - S, R - 36 - E.	COMPANY GULF OIL CORPORATION WELL A. RAMSAY (NOT - A) NO. 24 FIELD EUMONT COUNTY LEA STATE TEXAS LOCATION 1980' EIL & 660' EIL OF SEC. 34 T - 21 - S, R - 36 - E.
LOG MEAS. FROM 1' ABOVE ROTARY TABLE	ELEV 3582'	
REG. MEAS. FROM KELLY DRIVE BUSHING	ELEV 3582'	
FORM DATUM GROUND LEVEL	ELEV 3571'	

TYPE OF LOG	GAMMA RAY	N - N
DATE	11/17/56	11/17/56
WELL NO.	180-185 &	626-690
TOTAL DEPTH (DRILLER)	3865	3865
EFFECTIVE DEPTH (DRILLER)	3860	3860
TOTAL DEPTH (A LOG)	3864	3864
TOP OF LOGGED INTERVAL	50	50
BOTTOM OF LOGGED INTERVAL	3863	3862
TYPE OF FLUID IN HOLE	OIL	OIL
FLUID LEVEL	FULL	FULL
MAXIMUM RECORDED TEMPERATURE		600 F
EUTRON SOURCE STRENGTH & TYPE		13.75
SOURCE SPACING--IN		CHAMBER
DETECTOR CLASS	CHAMBER	CHAMBER
DETECTOR TYPE	B 127	C 209 B
LENGTH OF MEASURING DEVICE--IN	36	9.2
ID OF INSTRUMENT--IN	3 5/8	3 5/8
TIME CONSTANT--SECONDS	4.5	4.0
LOGGING SPEED FT. MIN	20-40	20-40
	5" -	20
STATISTICAL VARIATION--IN	0.2	0.1
SENSITIVITY REFERENCE	274	368
RECORDED BY	WLF	WLF
WITNESSED BY	MR. LAMBY	

CASING RECORD				BORE HOLE			
INTERVAL		INTERVAL		INTERVAL		INTERVAL	
5 5/8	WT. 18	FROM WELL RECORD	TO R/A LOG	BIT SIZE	FROM WELL RECORD	TO R/A LOG	
5 1/2	0	To 3865'	To	12 1/4	To	To	
		To 3865'	To	7 7/8	To	To	
		To	To		To	To	

REMARKS OR OTHER DATA
C 209 IN NEUTRON CHAMBER USE OF
CHECK POINT ELEVATION: 3581'



Reproduced By
West Texas Electrical Log Service
 1305 Commerce Street
 Dallas 1, Texas

REFERENCE N^o A 3136 -A



RADIOACTIVITY LOG
WELEX JET SERVICES, Inc.

LICENSED BY: WELL SURVEYS, INC.

FILE NO.

Location of Well	COMPANY GULF OIL CORP. WELL W. A. HANSEY # 16 (NCT-A) FIELD WEST SWITZER COUNTY LISA STATE N. MEX. LOCATION 1980' 7" NW 1/4 SEC. 34 TOWNSHIP 21-S RANGE 36 E	COUNTY LISA STATE N. MEX. WELL W. A. HANSEY # 17 FIELD WEST SWITZER LOCATION 1980' 7" N & 1/4 SEC. 34 TOWNSHIP 21-S RANGE 36 E
LOG MEAS. FROM	K. D. B. FLD.	ELEV.
DRLG. MEAS. FROM	SAME	ELEV.
PERM. DATUM	SURF. CASG. FLD.	ELEV.

TYPE OF LOG	GAMMA RAY	NEUTRON
RUN NO.	1	1
DATE	6-26-54	6-26-54
JOB NO.	617-451	2-593
TOTAL DEPTH (DRILLER)	3885	3885
EFFECTIVE DEPTH (DRILLER)	3885	3885
TOTAL DEPTH (R/A LOG)	3885	3885
TOP OF LOGGED INTERVAL	SURF.	SURF.
BOTTOM OF LOGGED INTERVAL	3874	3883
TYPE OF FLUID IN HOLE	MUD	MUD
FLUID LEVEL	FULL	FULL
MAXIMUM RECORDED TEMPERATURE		600 H
NEUTRON SOURCE STRENGTH & TYPE		2-75
SOURCE SPACING-IN.	30	9-1
LENGTH OF MEASURING DEVICE-IN.	1-5/8	1-5/8
O.D. OF INSTRUMENT-IN.	3	2-1/2
TIME CONSTANT-SECONDS	20-35	20-35
LOGGING SPEED FT./MIN.		
STATISTICAL VARIATION-IN.	122	158
SENSITIVITY REFERENCE	FULLER	
RECORDED BY	STACE	
WITNESSED BY		

CASING RECORD			OPEN HOLE RECORD		
SIZE-IN.	WT.-LB.	INTERVAL	WT. SIZE-IN.	INTERVAL	
9-5/8	405	TO SURF.		TO	
		TO SURF.	8-3/4	30 3/4	TO SURF.
7	30 3/4	TO	6-1/8	3885	TO 30 3/4
		TO			TO

REMARKS OR OTHER DATA

WELEX T. D. 3885
 GULF T. D. 3885
 K. D. B. 21.5 FT. ARV. CSO. FLD.

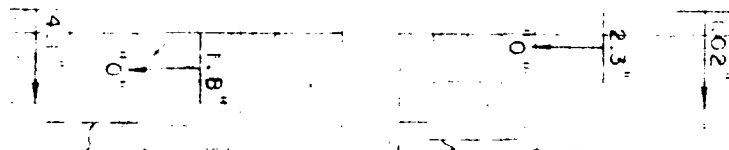
GAMMA RAY

→
 RADIATION INTENSITY INCREASES

NEUTRON

→
 RADIATION INTENSITY INCREASES

CASING &
 CULIN LOG
 DEPTH



PERFORATING GUNS ATLAS CORPORATION

Simultaneous

Radiation Log

LOG NO. 16386		COMPANY GULF OIL CORPORATION	
STATION 10885		WELL W.A. RAMSAY NCT-A 127	
TRUCK NO. CR-24		FIELD EUMONT	
COUNTY LEA		STATE NEW MEXICO	
LOCATION TWP. 21 S. RGE. 36 E.		LOG MEAS. FROM 1' ABOVE R.T. ELEV. 3575	
DRUG MEAS. FROM SAME		ELEV. 3575	
PERMANENT DATUM G.A.L.		ELEV. 3567	
CASING RECORD		BORE HOLE RECORD	
SIZE - WT. #	FROM	TO	BIT SIZE -
5 5/8	SURF	490	11
5 1/2	"	3044	7 7/8
TYPE OF LOG		GAMMA RAY - NEUTRON	
RUN NO.		ONE	
DATE		6-1-57	
TOTAL DEPTH - DRILLER		3250	
TOTAL DEPTH - P.C.A.C.		3044	
FLUID IN HOLE		AQUA SEAL	
FLUID LEVEL			
MAXIMUM TEMPERATURE			
INSTRUMENT O.D. AND NO.		3 5/8 - 211	
INSTRUMENT TYPE		TA - PM - 125	
NEUTRON SOURCE TYPE		NB - 600	
CPS FOR CALIB STD. - GR		100	
- H		220	
RECORDED SEN. 4" / 100 CM		140	
RECORDED BY		H. ELKINS	
WITNESSED BY		C. KIRKPATRICK	
LOGGED INTERVAL RECORD		GAMMA-RAY	
SCALE	FROM	TO	SPEED
"100"	FT.	FT.	"/MIN.
2	3500	SURF	10
"	3042	3500	15
5	"	"	"
LOG ZERO AND SCALE DATA		REMARKS	
IN. TO SCALE		INSTRUMENT CENTRALIZED FROM 3042' TO SURFACE	
ZERO SCALE			
* GAMMA RAY - IN. / (HR/HR)			
* NEUTRON - IN. / 100 A.U.			

Reproduced By

West Texas Electrical Log Service

Dallas 2, Texas

REFERENCE A6568C

COMPLETION RECORD

GAMMA-RAY

DEPTH
&
COLLARS

NEUTRON

PERFORATING GUNS ATLAS CORPORATION

Simultaneous

Radiation Log

LOG NO. 16386		COMPANY GULF OIL CORPORATION	
LOCATION HOGES		WELL W.A. RAMSAY N.T.-A 177	
RUCK NO. 39-24		FIELD EUMONT	
COUNTY LEA		STATE NEW MEXICO	
LOCATION Twp 21 S. Rge. 36 E.		LOG MEAS FROM 1' ABOVE R.T. ELEV 3575 L.F.	
DRUG MEAS FROM SAME		ELEV 3575 L.F.	
PERMANENT DATUM G.A.L.		ELEV 3567	
CASING RECORD		BORE HOLE RECORD	
SIZE - WT. #	FROM	TO	BIT SIZE -
5 1/2	SURF	400	11
5 1/2	"	3F44	7 7/8
TYPE OF LOG		GAMMA RAY - NEUTRON	
LOG NO.		ONE	
DATE		6-1-57	
TOTAL DEPTH - DRILLER		3550	
TOTAL DEPTH - P.G.A.C.		3F44	
FLUID IN HOLE		AQUA SEAL	
FLUID LEVEL			
MAXIMUM TEMPERATURE			
INSTRUMENT O.D. AND NO.		3 5/8 - 211	
INSTRUMENT TYPE		TA - PH - 125	
NEUTRON SOURCE TYPE		RB - 600	
PS FOR CALIB STD. - GR		100	
" " " " " " " "		220	
" " " " " " " "		140	
RECORDED BY		B. ELKINS	
WITNESSED BY		C. KIRKPATRICK	
LOGGED INTERVAL RECORD		GAMMA-RAY	
DATE	FROM	TO	SPEED
100'	FT.	FT.	'/MIN
3500	SURF	400	70
3500	3500	15	15
LOG ZERO AND SCALE DATA		REMARKS	
IN TO SCALE		INSTRUMENT CENTRALIZED FROM 3500' TO SURFACE	
ZERO SCALE			
GAMMA RAY - IN (μR/HR)			
NEUTRON - IN (100 S.N.U.)			

Reproduced By

West Texas Electrical Log Service

Dallas 2, Texas

REFERENCE A6568C

COMPLETION RECORD

GAMMATRON

Simulation: Radioactivity Log

WELL	W.A. RAMSEY NCT-A #40	STATE	MEXICO	LOCATION	
FIELD	SOUTH EUNICE	COUNTY	LEA		
LOCATION	560' FN & WL'S BEC 234				
	T-2-E, R-36-S				
LOG MEAS	FROM GROUND LEVEL TO	REV	3550		
DRG MEAS	FROM KELLY DRIVE BUSHING	REV	3550		
PERM DATUM	GROUND LEVEL	REV	3580		

TYPE OF LOG	G/R	N/A
WELL NO	ONE-NW	ONE-NW
DATE	1-12-60	1-12-60
DRILL DEPTH (DOLLER)	3840	3840
REACTIVE DEPTH (DOLLER)	3840	3840
REACTIVE DEPTH (WESTERN)	3840	3840
DP OF LOGGED INTERVAL	SURFACE	SURFACE
DICTION OF LOGGED INTERVAL	3831	3838.5
TYPE OF FLUID IN HOLE	WATER	WATER
WELL LEVEL	227	227
SURFACE STRENGTH & TYPE		RB300
SURFACE SPACING		13.5"
RECTOR CLASS	SCINT.	SCINT.
RECTOR TYPE	SPA12	6AG7
RECTOR LENGTH	4"	4"
I.D. OF INSTRUMENT	3 1/2"	3 1/2"
ARE CONSTANT SEC	1.5	1.5
LOGGING SPEED	40	40
STATISTICAL VARIATION	RECORDED	RECORDED
SENSITIVITY REFERENCE	C-933-M	D-366-M
RECORDED BY	KIMBALL	
WITNESSED BY	W.R. NEWMAN	

CASING RECORD				INTERVAL	
HT SIZE	CASING	WT LB	FROM WELL	RECORD	FROM RA LOG
	5 1/2		SURF	TO 1.00	TO
				TO	TO
				TO	TO
				TO	TO

CORRECTED COPY

Reproduced By
West Texas Electrical Log Service

Dallas 2, Texas

REFERENCE **A9500C**

9 COMPLETION RECORD

SPUD DATE

GAMMA RAY

RADIATION UNITS

NEUTRON

ENVIRONMENTAL UNITS

100

SCHLUMBERGER WELL SURVEYING CORPORATION



Logging and Surveying

COMPANY GULF OIL CORP.

Other Surveys
NONE

WELL W.A. RAMSAY

Location of Well

NCT-A #35

660' f S/L
1980' f W/L

FIELD ELMONT

LOCATION SEC. 27-21S-36E

Elevation: D.F.

COUNTY LEA

K.B.

or G.L.

STATE NEW MEXICO

FRING No.

COUNTY
FIELD or
LOCATION
WELL
COMPANY

Log Depths Measured From KB 12 Ft. above GL

RUN NO.	<u>1</u>
Date	<u>11-7-57</u>
First Reading	<u>3846</u>
Last Reading	<u>100</u>
Footage Measured	<u>3746</u>
Max. Depth Reached	<u>3847</u>
Bottom Driller	<u>3850</u>
Maximum Temp. °F.	<u>97</u>
Fluid Nature	<u>Oil</u>
Fluid Level	<u>293</u>
Casing Size	<u>5 1/2 in.</u>
Casing Weight	<u>10 lb.</u> to <u>3850</u>
Casing Size	<u>in.</u>
Casing Weight	<u>lb.</u> to <u>10</u>
Bit Size	<u>in.</u> to <u>10</u>
Bit Size	<u>in.</u> to <u>10</u>
No. Counters Used	<u>GNAM-4</u>
Type Equipment	<u>GNP-C</u>
Type Panel	<u>6 Hrs</u>
Dev. Run Time	<u>1762-Hobbs</u>
Fract. No.	<u>Mohrner-Hopkins</u>
Observer	<u>Kirkpatrick</u>
Witness	

FOLD HERE

SENSITIVITY	CALIBRATION	BACKGROUND CPS	TEMP SOURCE CPS	GAINV INCREASE DIVISIONS	PANEL SENS TAP FOR CAL
<u>Gamma 5A</u>	<u>04</u>	<u>498</u>	<u>100</u>	<u>400</u>	<u>400</u>
<u>NEUTRON</u>		<u>210</u>	<u>100</u>	<u>400</u>	<u>400</u>

26" Spacing From TD to 3000

Reproduced By
West Texas Electrical Log Service

Dallas 2, Texas

REFERENCE **A7154A**

COMPLETION RECORD

SPUD DATE

GAMMA RAY MICROGRAMS RA-EQ TON		NEUTRON STANDARD COUNTS/SECOND	
INTERVAL: <u>TD</u> to <u>3000</u>		INTERVAL: <u>TD</u> to <u>3000</u>	
Sens. <u>T.C.</u>		Sensitivity <u>300</u> Time Constant <u>6</u>	
Logging Speed <u>10</u> ft./min.		Logging Speed <u>10</u> ft./min.	
ZERO <u>8</u> div. to left		ZERO <u>8</u> divisions to left of this line	

SCHLUMBERGER WELL SURVEYING CORPORATION

INSTRUMENT



Gamma Ray - Neutron

COMPANY GULF OIL CORP.

Other Surveys
NONE

WELL W.A. RAMSAY

Location of Well

NCT-A #35

660' f S/L
1980' f W/L

FIELD ELLMONT

LOCATION SEC. 27-21S-36E

Elevation: D.F.:
K.B.:
or G.L.:

COUNTY LEA

STATE NEW MEXICO

FLING No.

LEA
COUNTY
FIELD or
LOCATION
WELL
W.A. RAMSAY
NCT-A #35
GULF OIL CO
COMPANY

Log Depths Measured From KB 12 Ft. above GL

RUN NO.
Date 11-7-57
First Reading 3846
Last Reading 100
Footage Measured 3746
Max. Depth Reached 3847
Bottom Driller 3850
Maximum Temp. °F. 97
Fluid Nature Oil
Fluid Level 293
Casing Size 5 1/2 in.
Casing Weight lb. to 3850
Casing Size in.
Casing Weight lb. to
Bit Size in. to
Bit Size in. to
No. Counters Used
Type Equipment GNAM-4
Type Panel GNP-C
Cdr. Run Time 6 Hrs.
Truck No. 1762-Hobbs
Observer Mahoney-Hopkins
Witness Kirkpatrick

FOLD HERE

REMARKS	CALIBRATION BACKGROUND CPS	TEST SOURCE CPS	GALV INCREASE DIVISIONS	PANEL SENS. TAP FOR CAL
GAMMA RAY	104	490	100	400
NEUTRON		230	100	400

26" Spacing From TD to 3000

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COMPLETION RECORD

SPUD DATE

GAMMA RAY MICROGRAMS RA-EQ TON	CALIBRATION VALUES	NEUTRON STANDARD COUNTS/SECOND
INTERVAL: TD to 3000		INTERVAL: TD to 3000
Sens. T.C.		Sensitivity 300 Time Constant 6
Logging Speed ft./min.		Logging Speed 10 ft./min.
ZERO div. to left		ZERO 8 divisions to left of this line

THE WESTERN COMPANY



GAMMATRON

Simultaneous Radioactivity Log

COMPANY: GULF OIL CORPORATION	LOCATION:
WELL: W.A. RAMSEY NCT-A #48	
FIELD: SOUTH EUNICE	
COUNTY: LEA STATE: MEXICO	
LOCATION: 660' FN & WL'S. SEC. 34	FILE NO.
T-2-E, R-36-S	LOG NO. 16033
LOG MEAS FROM GROUND LEVEL + 10'	REV. 3550
DRG MEAS FROM KELLY DRIVE BUSHING	REV. 3550
MEAS DATUM: GROUND LEVEL	REV. 3580

TYPE OF LOG	G/R	N/N
RUN NO.	ONE-NW	ONE-NW
DATE	1-12-60	1-12-60
ROYAL DEPTH (DELLER)	3840	3840
EFFECTIVE DEPTH (DELLER)	3840	3840
EFFECTIVE DEPTH (WESTERN)	3840	3840
TOP OF LOGGED INTERVAL	SURFACE	SURFACE
BOTTOM OF LOGGED INTERVAL	3831	3838.5
TYPE OF FLUID IN HOLE	WATER	WATER
FLUID LEVEL	227	227
SOURCE STRENGTH & TYPE	RB300	RB300
SOURCE SPACING	15.5"	15.5"
DETECTOR CLASS	SCINT.	SCINT.
DETECTOR TYPE	5PA12	6AG7
DETECTOR LENGTH	4"	4"
D.O. OF INSTRUMENT	3 1/2"	3 1/2"
TIME CONSTANT, SEC	1.5	1.5
LOGGING SPEED - FT MIN	40	40
STATISTICAL VARIATION	RECORDED	RECORDED
SENSITIVITY REFERENCE	C-933-M	D-368-M
RECORDED BY	KIMBALL	
INTERPRETED BY	MR. NEWMAN	

CASING RECORD

BY SIZE	CASING	WT LB.	FROM WELL RECORD	INTERVAL	FROM RA LOG
	5 1/2		SURF. TO 300		TO
			TO		TO
			TO		TO

CORRECTED COPY

Reproduced By
West Texas Electrical Log Service

Dallas 2, Texas

REFERENCE A9500C

9 COMPLETION RECORD

SPUD DATE

REMARKS

GAMMA RAY

NEUTRON

RADIATION UNITS

ENVIRONMENTAL UNITS

5

100

