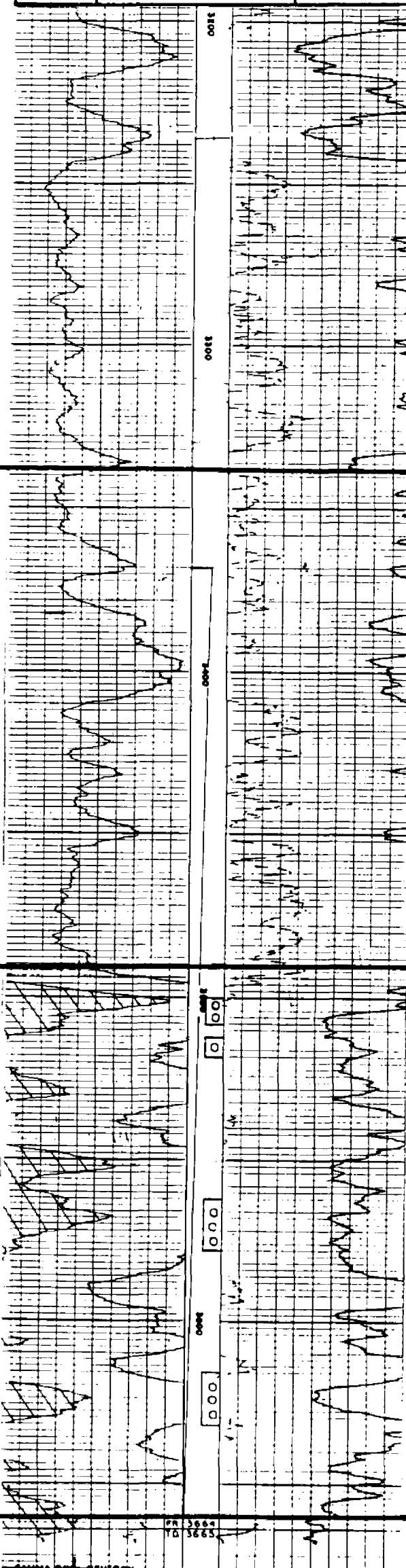


SW
AREFERENCE No A 3238 -A
TEXACO OPERATOR

SHELL OIL COMPANY	
WELL: 21-195-37E	
LOCATION: 1650' FSL, 990' FSL	
FIELD: EUMONT	
COUNTY: LEA	
STATE: NEW MEXICO	



LEA COUNTY
WELL: SKELLY OIL COMPANY #1 Mexico "X"
Loc: Sec 29-195-37E; 1650' FSL, 990' FSL Sec.

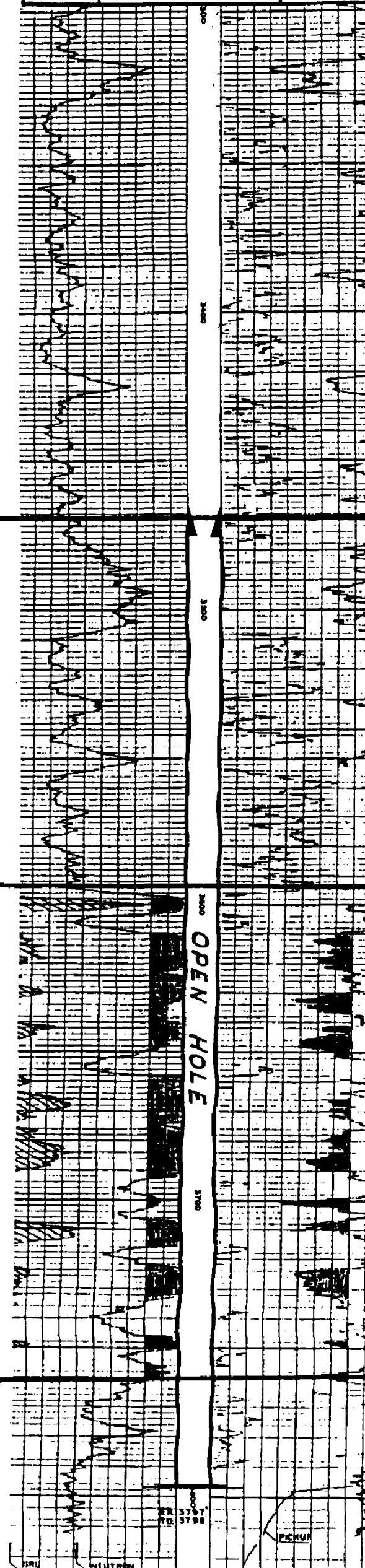
SPUD: 7-20-54; Comp: 8-16-54; Elev: 3638' DF; TD: 3660' 11
Casing: 8-5/8" 1370' 530' ex; 5-1/2" 3660' 200' ex.
Prod. Zone: (Queen) T/Pay 3500'; prod. thru perfs 32/3500-08', 24/3514-20', 40/3554-76', 32/3616-24'.
IPF: 5,810,000 CFCD, TP 1904.
Comp. Info: DST 3370-3660', op 3 hrs, gas in 3 min, mud in 28 min, flwd 3
BF & ml wtr-out mud 1 hr; flwd rate of 2,894,000 CFCD/2 hrs; rec 70'
sul wtr, TP 240-3600', STP 1253/20 min, flwd gas rate of 1,000,000 CFCD
thru 2" & perfs 3500-08', 3514-20', 3564-76' & 3616-24'; pcr at 3476',
A/500 gals mud acid 3500-3624'; flwd 1,000,000 CFCD/16 hrs; thru op oh;
2" raised to 3510', re-set pcr at 3354'; frac w/36,000 gals all perfs;
32/4 hrs; pulled swab 3 times, MD, flwd load, blew 10 hrs to clean up;
gas rate 5,680,000 CFCD
Tops: (EL) Anhydrite 1335', Salt 1440', R/Salt 2450', Yates 2590', Seven
Rivers 2930', Queen 3381', Lo sand 3495'.

1st PROD.	CUM. (BCF)
BHP	MONTHLY RATE (MMCF)

PROPOSED LOCATION

REFERENCE No A 3951 -C
MEWBOURNE OPERATOR

SHELL OIL COMPANY	
WELL: 21-195-37E	
LOCATION: 1650' FSL, 990' FSL	
FIELD: EUMONT	
COUNTY: LEA	
STATE: NEW MEXICO	



LEA COUNTY
WELL: SKELLY OIL COMPANY #1 Mexico "X"
Loc: Sec 29-195-37E; 1650' FSL, 990' FSL Sec.

SPUD: 9-3-54 Comp: 10-25-54 Elev: 3651' DF TD: 3600' 11
Casing: 8 5/8" 1420' 400' ex, 5 1/2" 3475' 300' ex
Prod Zone: Queen, T/Pay 3475', prod from OH
IPF: 3,750,000 CFCD thru op oh on 2" 3760', SICP 10354
Comp Info: NATURAL WELL, C/Lamant Drig Co.
Tops: (EL) Anhydrite 1370', Salt 1650', R/Salt 2440', Yates 2656', Queen
3490', Penrose sd 3595'

BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Case No. 11648 Exhibit No. 5

Submitted by: Mewbourne Oil Company

Hearing Date: December 5, 1996

MEWBOURNE OIL COMPANY	
LEA COUNTY, NEW MEXICO	
STRUCTURAL CROSS SECTION	
A - A'	
DATE: 10-29-96 SCALE 1"=1000' BY: RALPH MOORE	