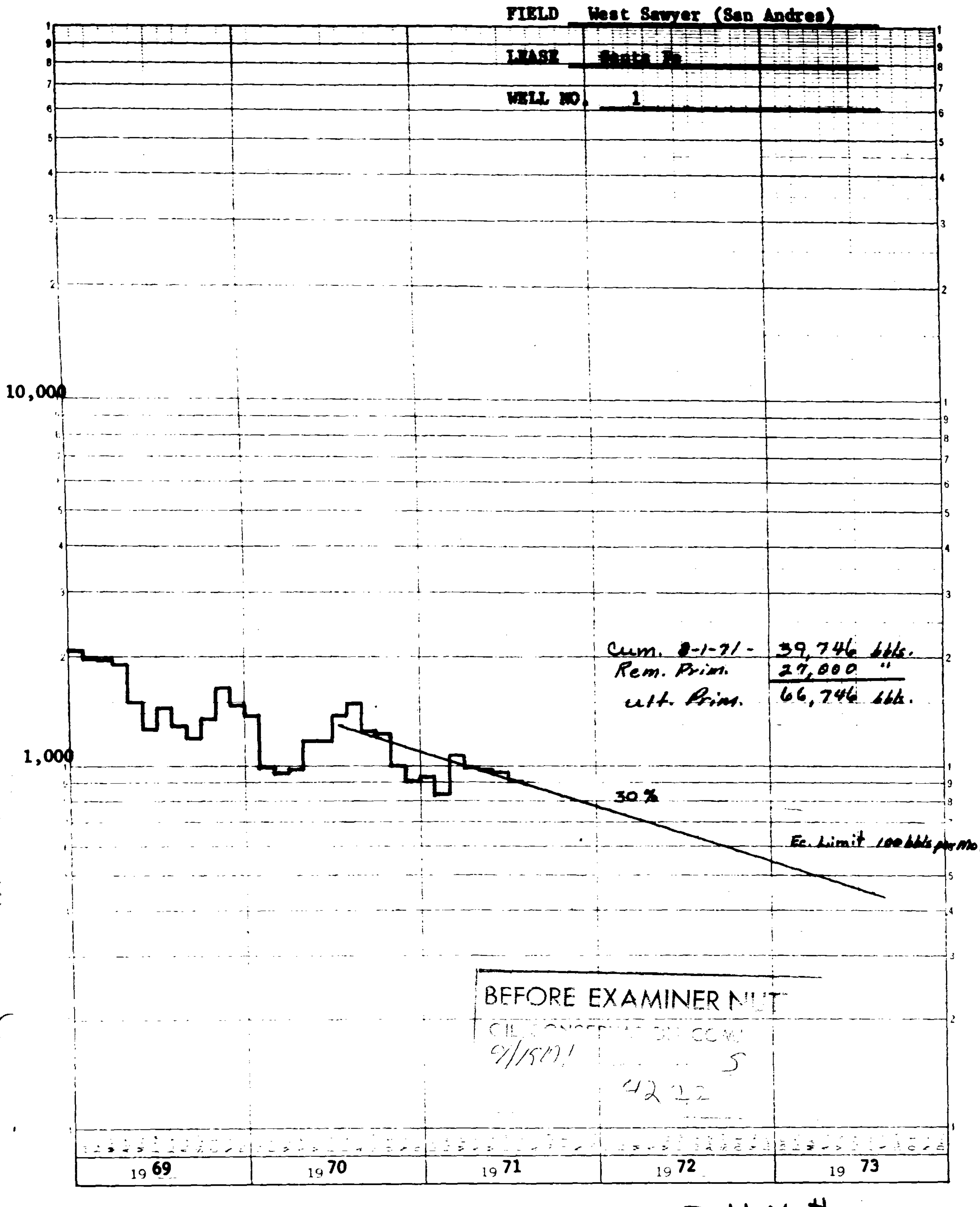


FIELD West Sawyer (San Andres)
LEASE [illegible]
WELL NO. 1
10,000
1,000
Cum. 8-1-71 - 39,746 bbls.
Rem. Prim. 27,000 "
ult. Prim. 66,746 bbls.
30 %
Ec. Limit 100 bbls per Mo.
BEFORE EXAMINER NUT
9/15/71
5
4222
19 69
19 70
19 71
19 72
19 73
46 6690

Exhibit # 5

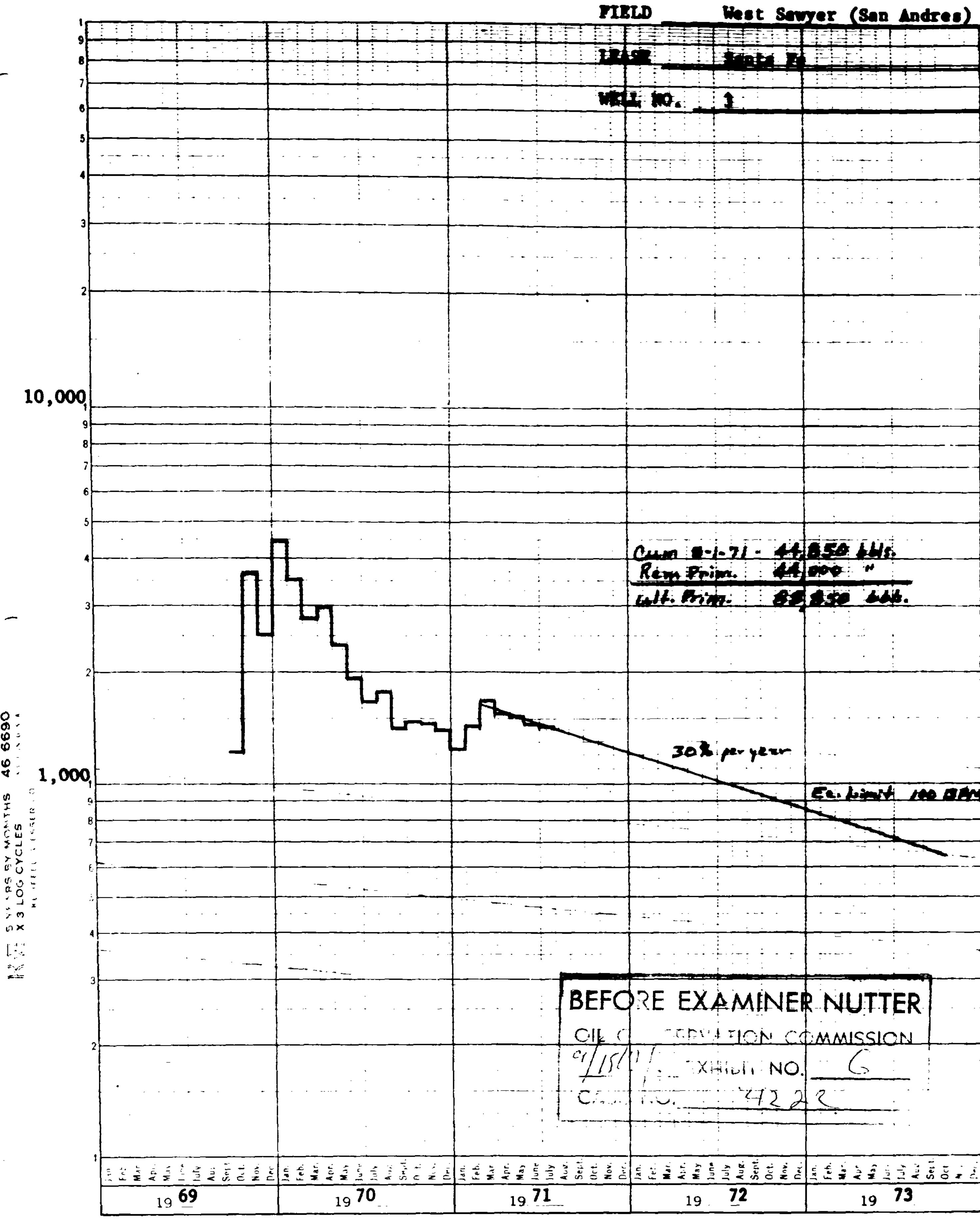

FIELD West Sawyer (San Andres)
LEASE Santa Fe
WELL NO. 1
10,000
1,000
Cum 8-1-71 - 44,850 bbls.
Rem. Prim. 44,000 "
Ult. Prim. 88,850 bbl.
30% per year
Ec. limit 100 BBM
BEFORE EXAMINER NUTTER
EXHIBIT NO. 6
19 69
19 70
19 71
19 72
19 73
5 YEARS BY MONTHS X 3 LOG CYCLES 46 6690

Exhibit #6

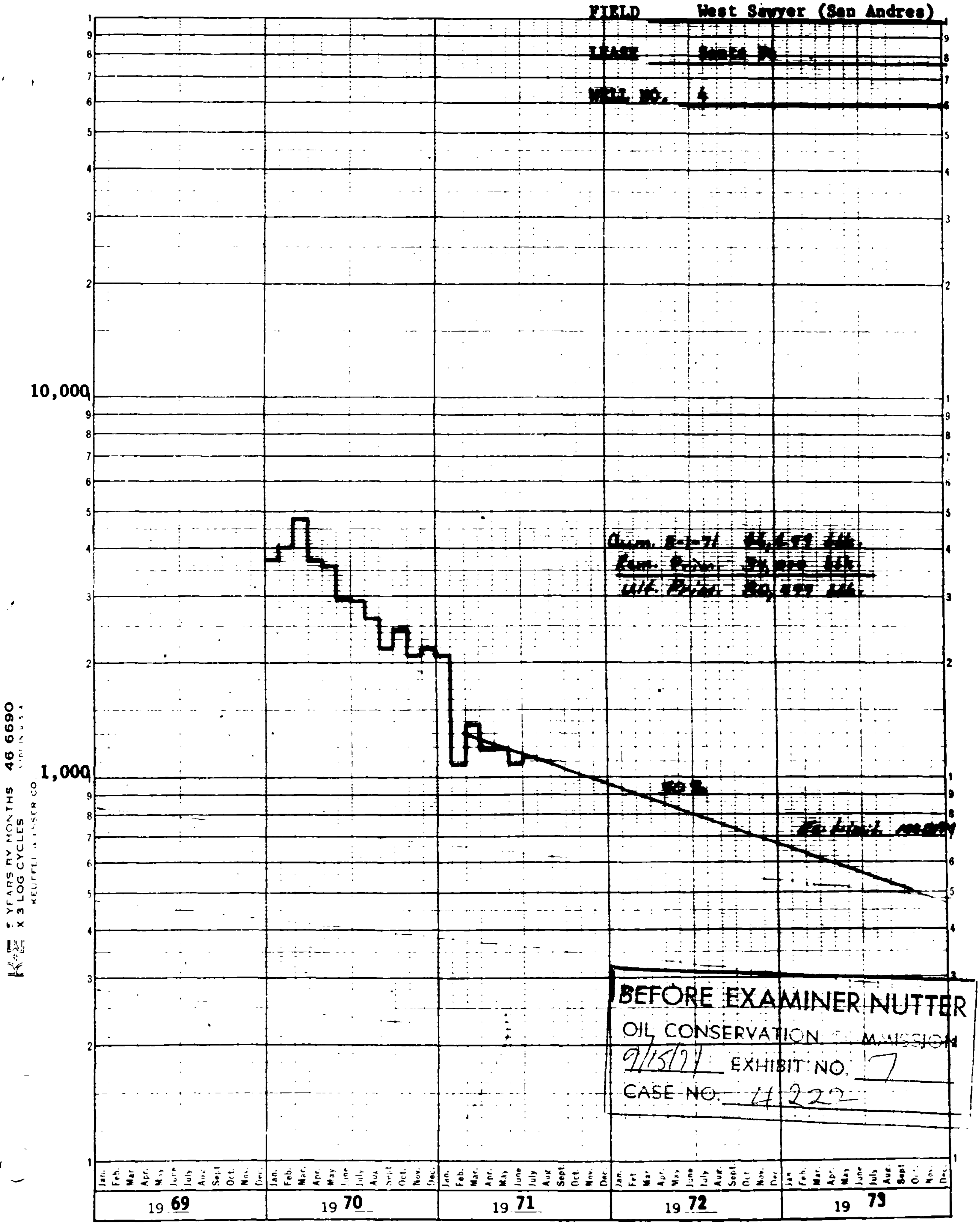

FIELD West Sawyer (San Andres)
WELL NO. 4
10,000
1,000
5 YEARS BY MONTHS X 3 LOG CYCLES
46 6690
KEUFFEL & ESSER CO.
Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.
19 69
19 70
19 71
19 72
19 73
BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
9/15/71 EXHIBIT NO. 7
CASE NO. 4222

Exhibit #7

West Sawyer Field
Reservoir Data and Reserve Estimates

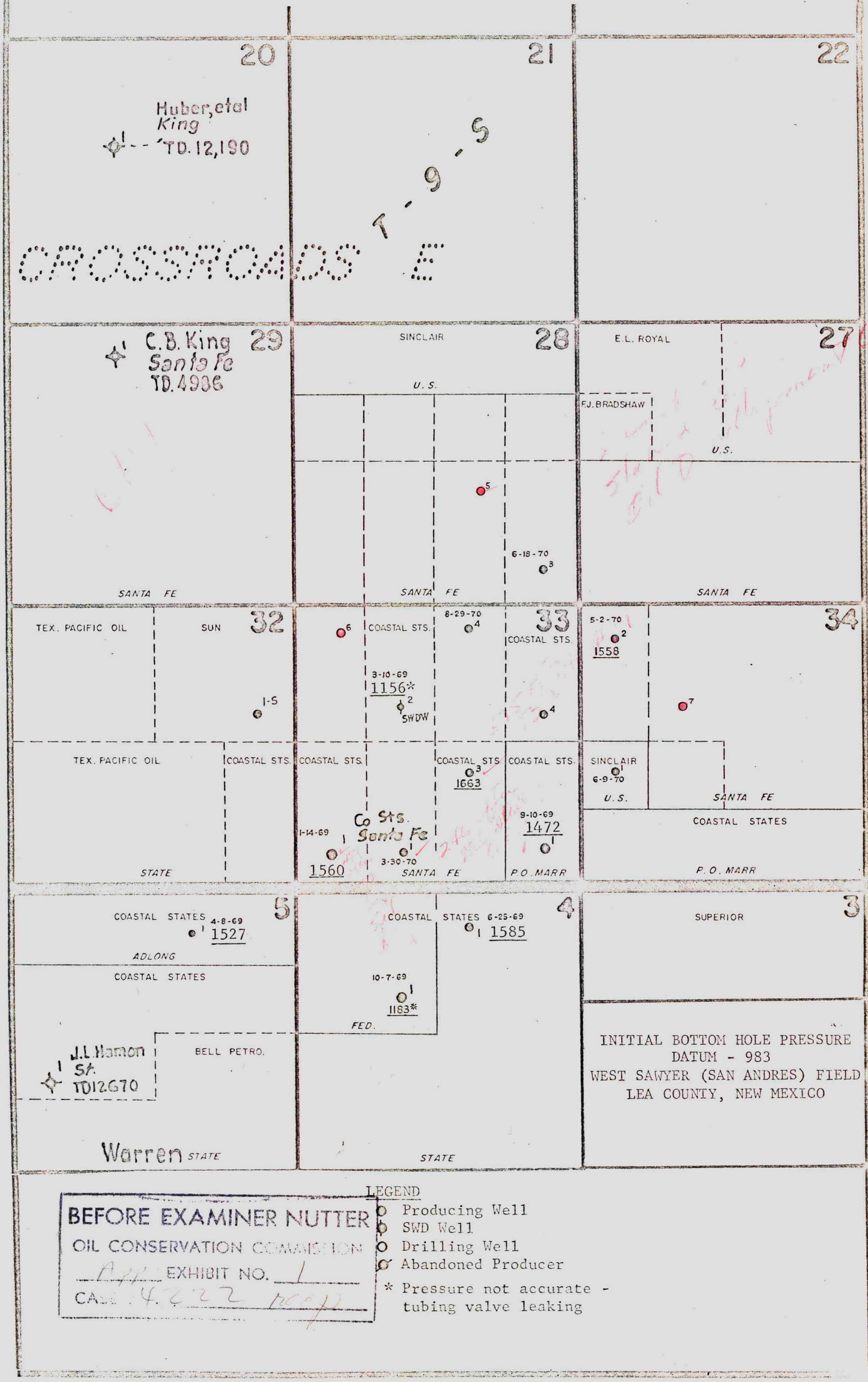
Porosity	8.2%
Water Saturation	35%
Formation Volume Factor	1.242
Recovery Factor (estimate)	12.5%
Net Pay	20 ft.
Gross Price Per Barrel	$3.00
Mineral Interest Income at .8125	2.44/bbl.
Operating Costs, SWD Cost and Taxes	.50/bbl.
Net Working Interest Income	1.94

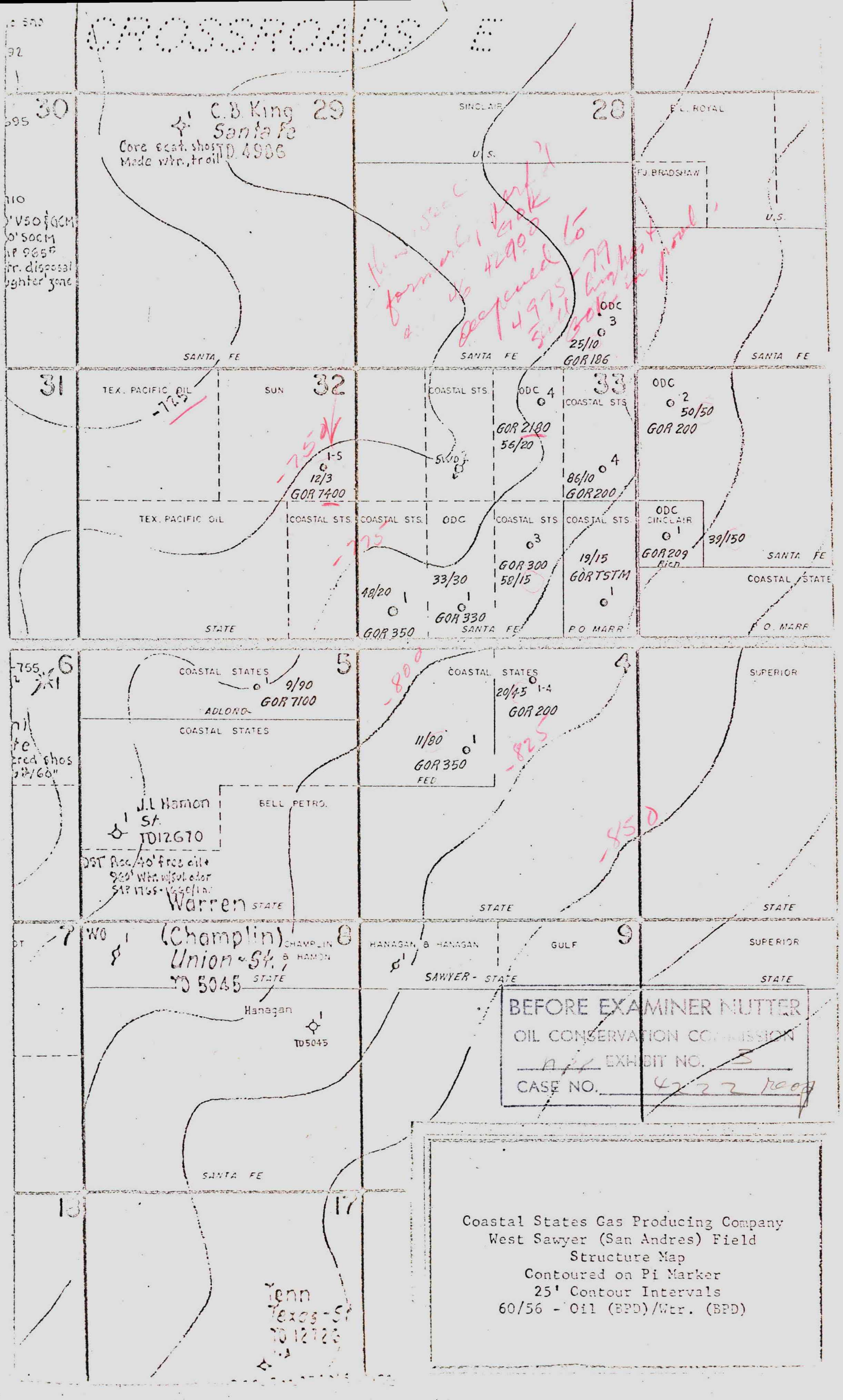
Recoverable Oil-in-place per acre = $\frac{(7758)(.082)(.65)(20)(.125)}{1.242}$ = 830 bbls/ac.

	40 Acres	80 Acres
Estimated Recovery	33,200 bbls.	66,500 bbls.
Total Net Income	$64,500	$129,000
Development Cost Per Well	$78,000	$78,000
Ratio of Income to Investment	.83	1.65 ✓

FORE EXA...
CONSERVATION C...
9/15/71 ... NO. 8
4222

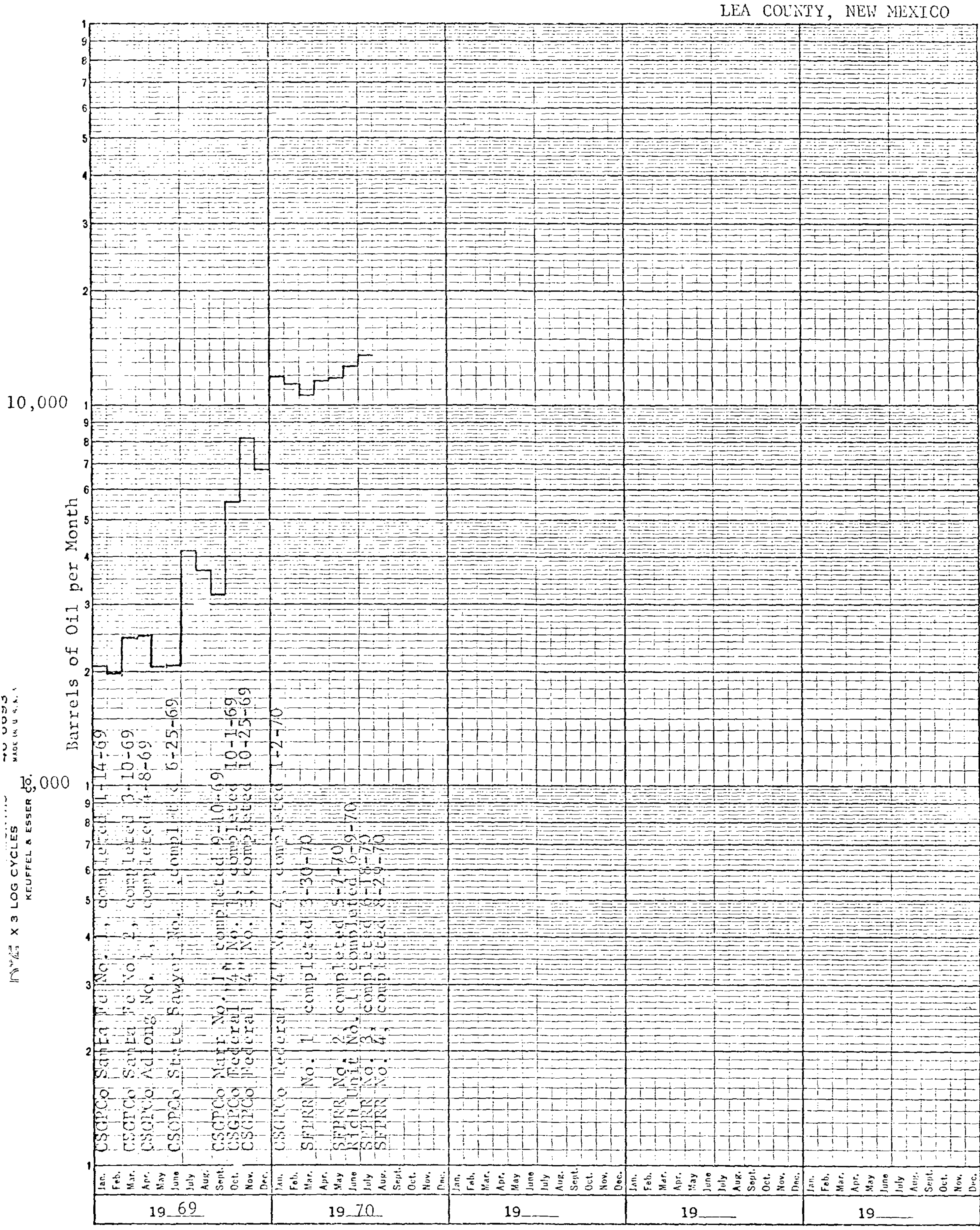
Exhibit # 8


20
21
22
Huber, etal
King
TD. 12,190
T - 9 - S
CROSSROADS
E
C.B. King
Santa Fe
TD. 4986
29
SINCLAIR
28
U.S.
E.L. ROYAL
27
F.J. BRADSHAW
U.S.
6-18-70
SANTA FE
SANTA FE
SANTA FE
TEX. PACIFIC OIL
SUN
32
COASTAL STS.
8-29-70
33
COASTAL STS.
5-2-70
1558
34
3-10-69
1156*
SWDW
1-S
TEX. PACIFIC OIL
COASTAL STS.
COASTAL STS.
COASTAL STS.
1663
COASTAL STS.
SINCLAIR
6-9-70
U.S.
SANTA FE
Co Sts.
Santa Fe
9-10-69
1472
COASTAL STATES
1-14-69
1560
3-30-70
STATE
SANTA FE
P.O. MARR
P.O. MARR
COASTAL STATES
4-8-69
1527
5
COASTAL STATES
6-25-69
1585
4
SUPERIOR
3
ADLONG
COASTAL STATES
10-7-69
1183*
FED.
J.L. Hamon
St.
TD12670
BELL PETRO.
Warren
STATE
STATE
INITIAL BOTTOM HOLE PRESSURE
DATUM - 983
WEST SAWYER (SAN ANDRES) FIELD
LEA COUNTY, NEW MEXICO
LEGEND
Producing Well
SWD Well
Drilling Well
Abandoned Producer
* Pressure not accurate - tubing valve leaking
BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1
CASE 4222



CROSSROADS E
C.B. King
Santa Fe
TD 4986
Core & cat. shows
Made wtr. tr oil
SINCLAIR
U.S.
EL ROYAL
FJ BRADSHAW
U.S.
SANTA FE
ODC 3
25/10
GOR 186
TEX. PACIFIC OIL
SUN
COASTAL STS.
ODC 4
GOR 2180
56/20
COASTAL STS.
ODC 2
50/50
GOR 200
1-5
12/3
GOR 7400
86/10
GOR 200
TEX. PACIFIC OIL
COASTAL STS.
ODC
ODC
SINCLAIR
39/150
GOR 209
GOR 300
58/15
19/15
GOR TSTM
COASTAL STATE
48/20
GOR 350
33/30
GOR 330
STATE
P.O. MARR
COASTAL STATES
9/90
GOR 7100
ADLONDO
COASTAL STATES
20/45
1-4
GOR 200
SUPERIOR
11/80
GOR 350
FED
J.L. Hamon
St.
TD12670
BELL PETRO.
DST Rec. 40' free oil
Warren
STATE
(Champlin)
Union-St.
TD 5045
CHAMPLIN & HAMON
HANAGAN & HANAGAN
GULF
SUPERIOR
SAWYER-STATE
Hanagan
TD5045
BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 4222
SANTA FE
Tenn
Texas-St
TD 12726
Coastal States Gas Producing Company
West Sawyer (San Andres) Field
Structure Map
Contoured on Pi Marker
25' Contour Intervals
60/56 - Oil (BPD)/Wtr. (BPD)

PRODUCTION HISTORY
WEST SAWYER FIELD
LEA COUNTY, NEW MEXICO



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO.
CASE NO.

West Sawyer Field
Reservoir Data and Reserve Estimates

Porosity	8.2%
Water Saturation	35%
Formation Volume Factor	1.242
Recovery Factor (estimate)	12.5%
Net Pay	20 ft.
Gross Price Per Barrel	$2.76
Mineral Interest Income at .8125	2.24/bbl.
Operating Costs, SWD Cost and Taxes	.50/bbl.
Net Working Interest Income	1.74

$$\text{Recoverable Oil-in-place per acre} = \frac{(7758)(.082)(.65)(20)(.125)}{1.242} = 830 \text{ bbls/ac.}$$

	40 Acres	80 Acres
Estimated Recovery	33,200 bbls.	66,500 bbls.
Total Net Income	$57,900	$116,000
Development Cost Per Well	$74,000	$74,000
Ratio of Income to Investment	.78	1.57

FIELD West Sawyer (San Andres)

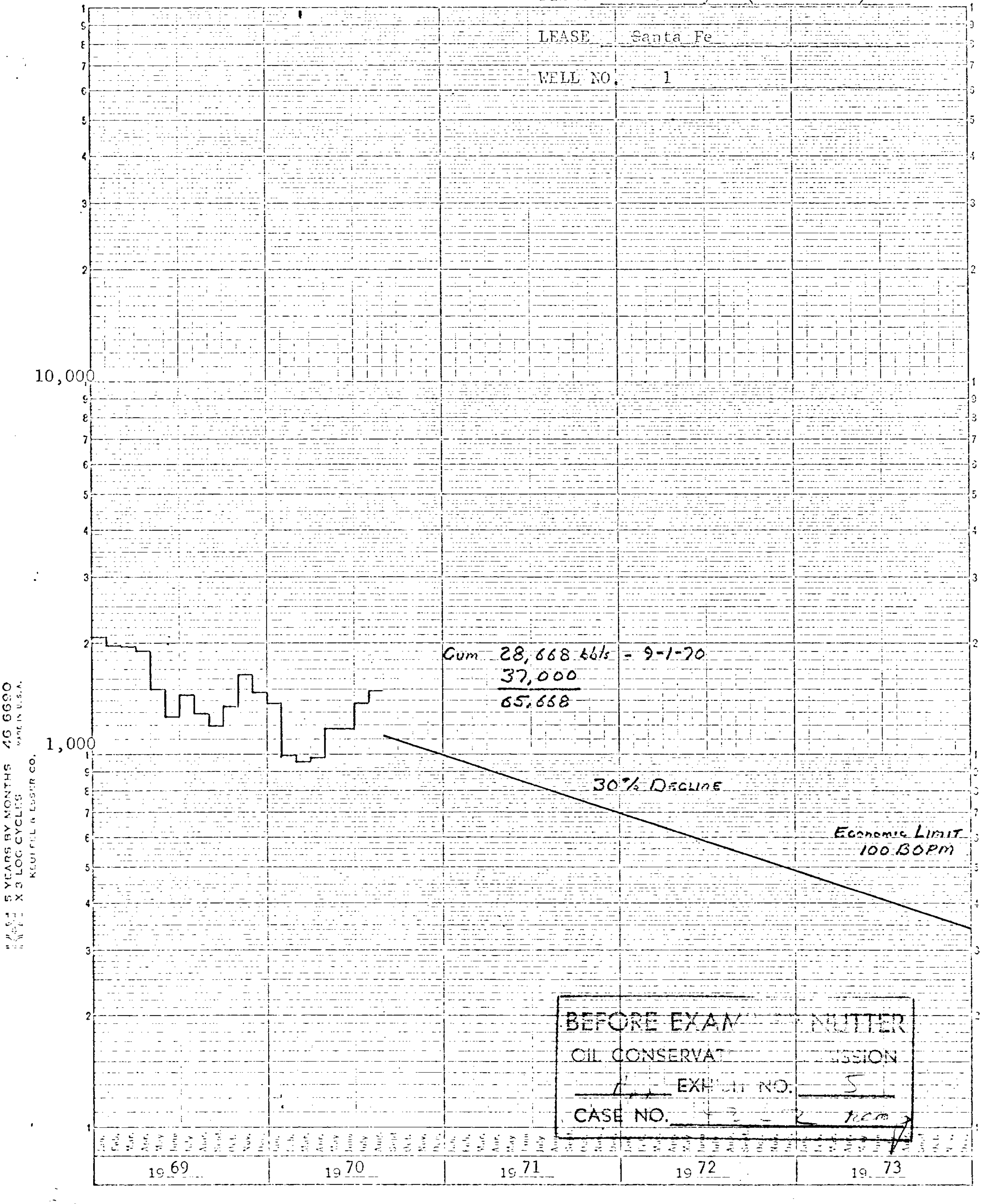


EXHIBIT NO. 6

OIL DEVELOPMENT COMPANY OF TEXAS
WEST SAWYER (SAN ANDRES) FIELD
RESERVE ESTIMATE AND PAYOUT DATA

RESERVES

Volumetric calculation based on average porosity and net pay from 5 wells.

Porosity	-	7.1%
Water Saturation	-	30%
Formation Volume Factor	-	1.24
Net Pay Thickness	-	23 ft
Estimated Recovery Factor	-	12.5%

$$\text{Oil in place} = \frac{7758\ (0.071)\ (0.70\ )\ (23)}{1.24} = 7152\ \text{BO/AC}$$

Recoverable Oil - 40 acres = (0.125) (7152) (40) = 35,760 BO

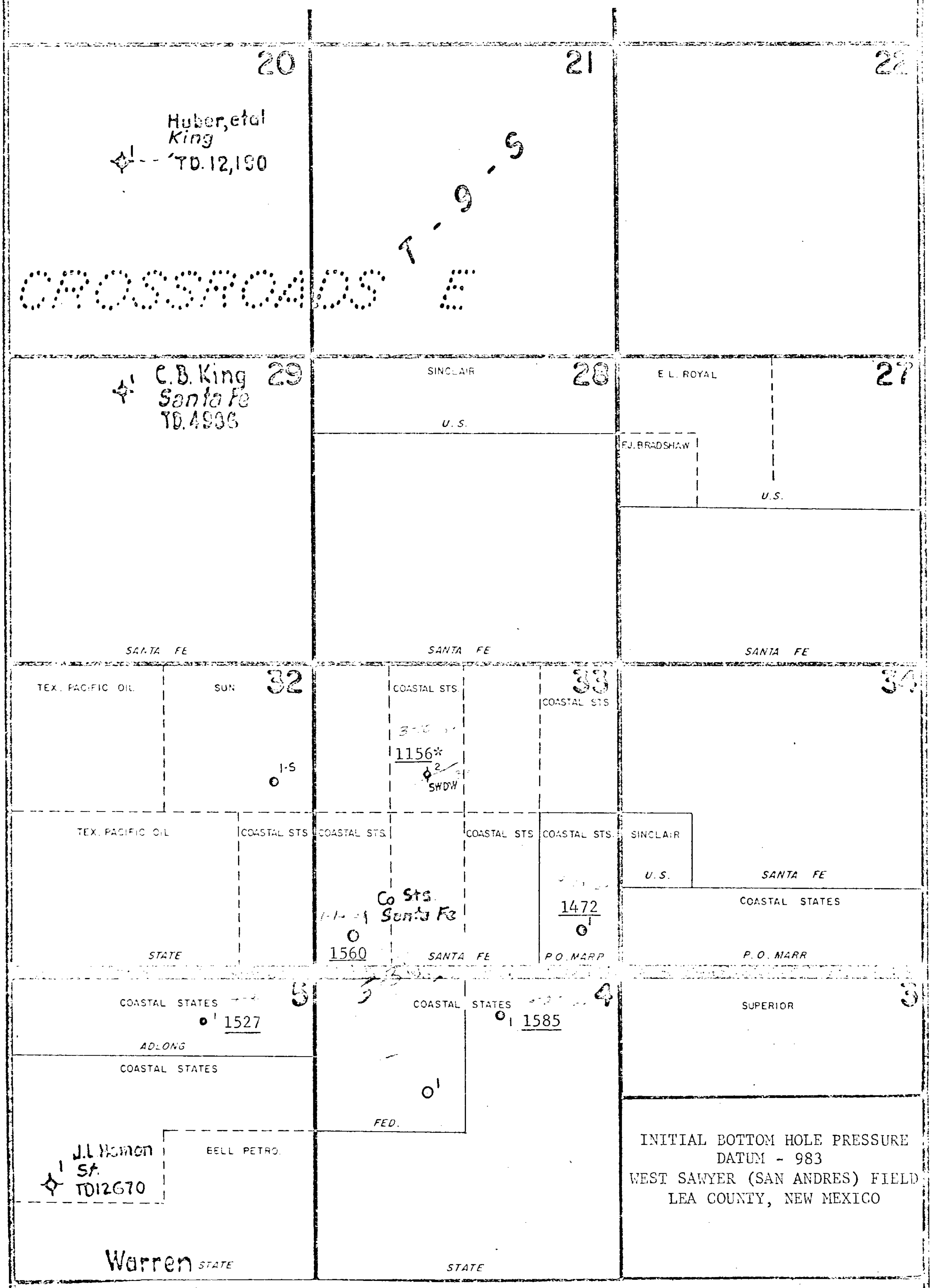
Recoverable Oil - 80 acres = (0.125) (7152) (80) = 71,520 BO

PAYOUT DATA

Gross Price for 22° API Gravity Oil	-	\$2.75 /bbl
Working Interest Price 0.8125	-	2.23 /bbl
Operating Costs	-	0.50 /bbl
Net Price	-	1.73 /bbl
Av Well Costs with Lease Facilities (based on 5 wells)	-	\$73,255

	40 Acres	80 Acres
Recoverable Reserves-bbls	35,760	71,520
Net Income	\$61,865	\$123,730
Well Costs with Lease Facilities	\$73,255	\$73,255
Ratio of Income to Investment	0.84	1.69

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO.
CASE NO.

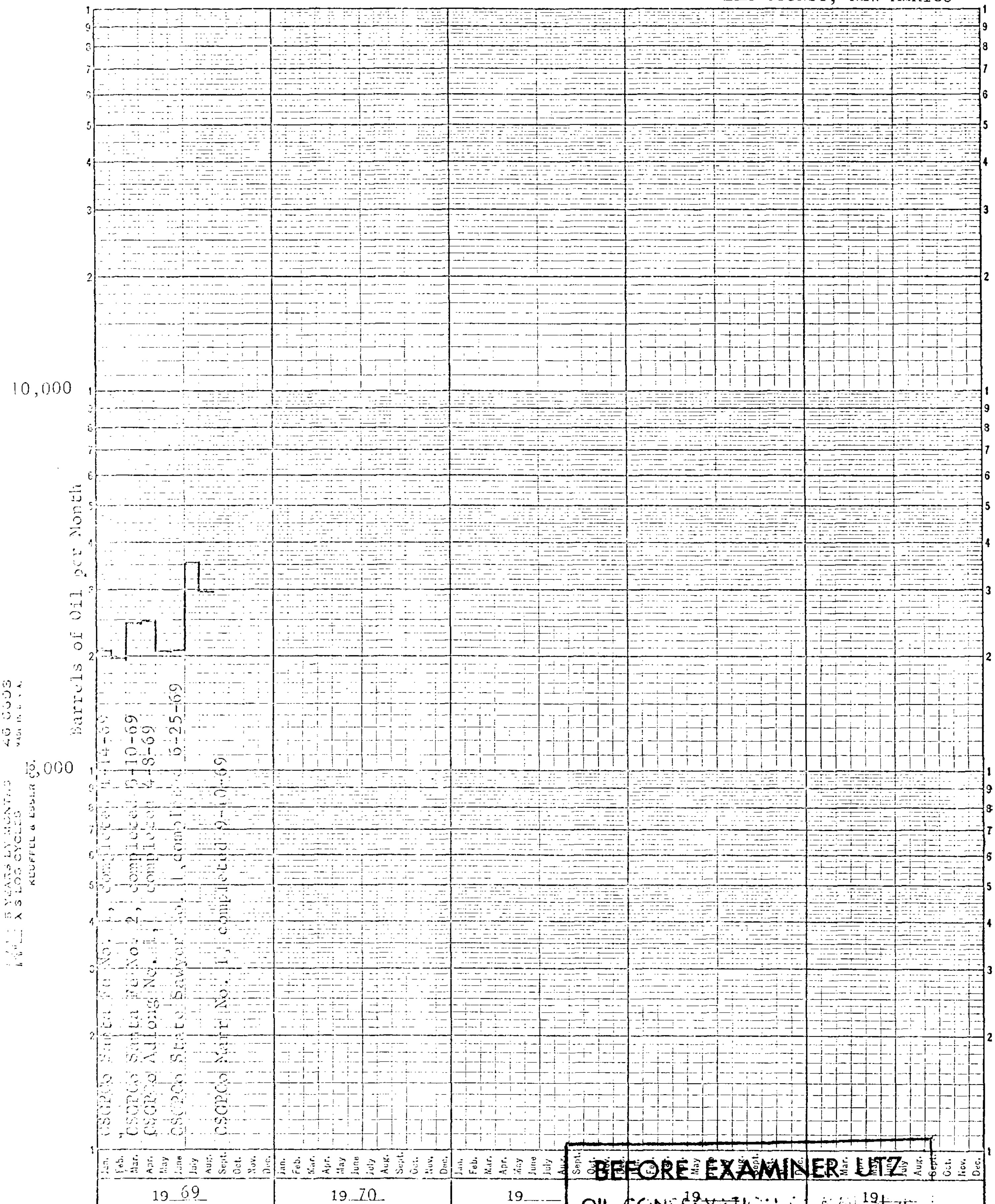


BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 4

LEGEND
- Producing Well
- SWD Well
- Drilling Well
- Abandoned Producer

* Pressure not accurate - tubing valve leaking

PRODUCTION HISTORY
WEST SAWYER FIELD
LEA COUNTY, NEW MEXICO



BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO.

West Sawyer Field
Reservoir Data and Reserve Estimates

Porosity	8.2%
Water Saturation	35%
Formation Volume Factor	1.242
Recovery Factor (estimate)	12.5%
Net Pay	20 ft.
Gross Price Per Barrel	$2.78
Trucking	.09/bbl.
Mineral Interest Income at .8125	2.18/bbl.
Operating Costs, SWD Cost and Taxes	.50/bbl.
Net Working Interest Income	1.68/bbl.

$$\text{Recoverable Oil-in-place per acre} = \frac{(7758)(.082)(.65)(20)(.125)}{1.242} = 830 \text{ bbls/ac.}$$

	40 Acres	80 Acres
Estimated Recovery	33,200 bbls.	66,500 bbls.
Total Net Income	$56,000	$112,000
Development Cost Per Well	$60,000	$ 60,000
Ratio of Income to Investment	.93	1.86

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 6
CASE NO. [illegible]

PRODUCTION HISTORY
WEST SAWYER FIELD
LEA COUNTY, NEW MEXICO

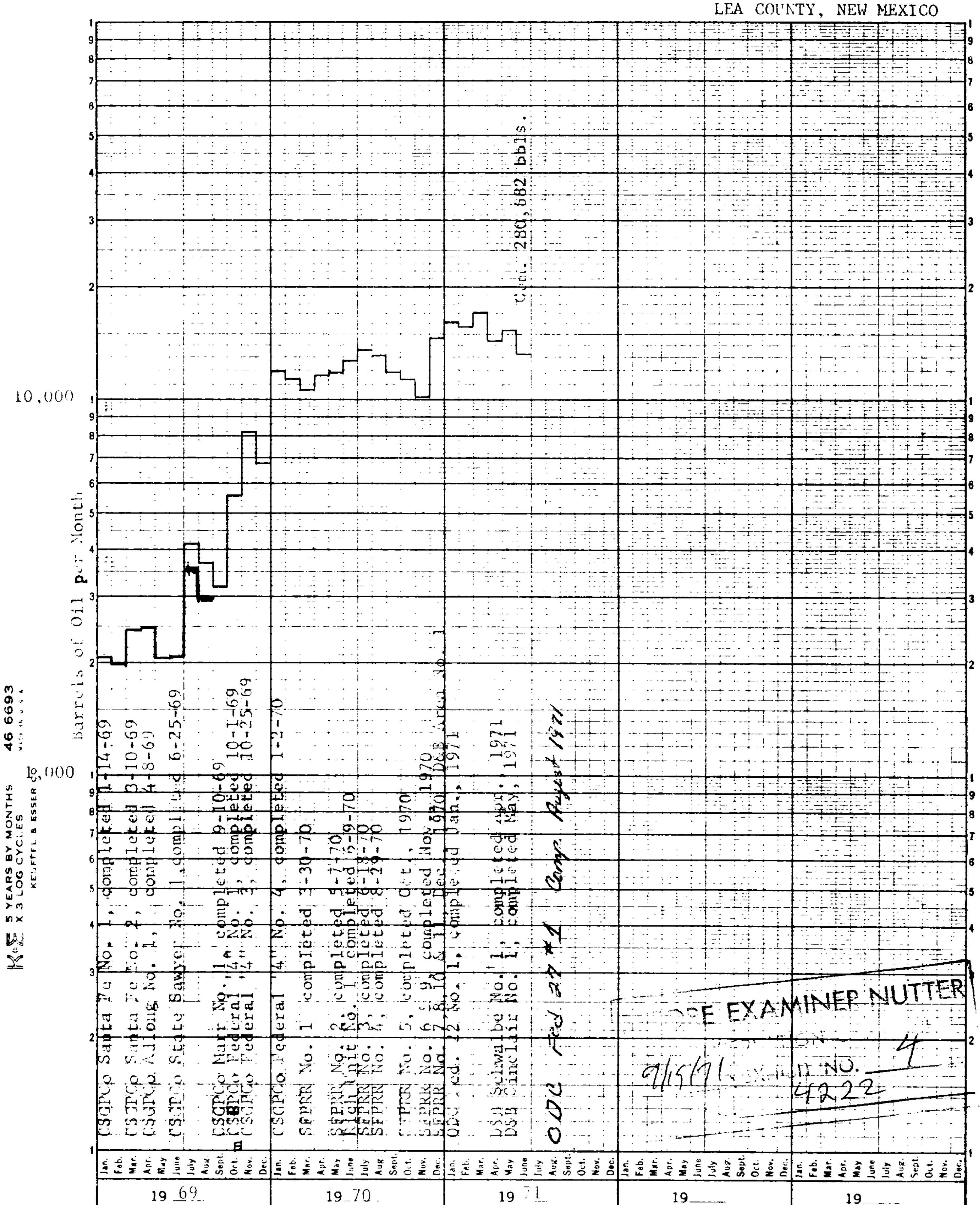


Exhibit #4