

BEFORE EXAMINER *Stagner*
 OIL CONSERVATION DIVISION
 PHILLIPS PETROLEUM COMPANY
 EXHIBIT NO. 6

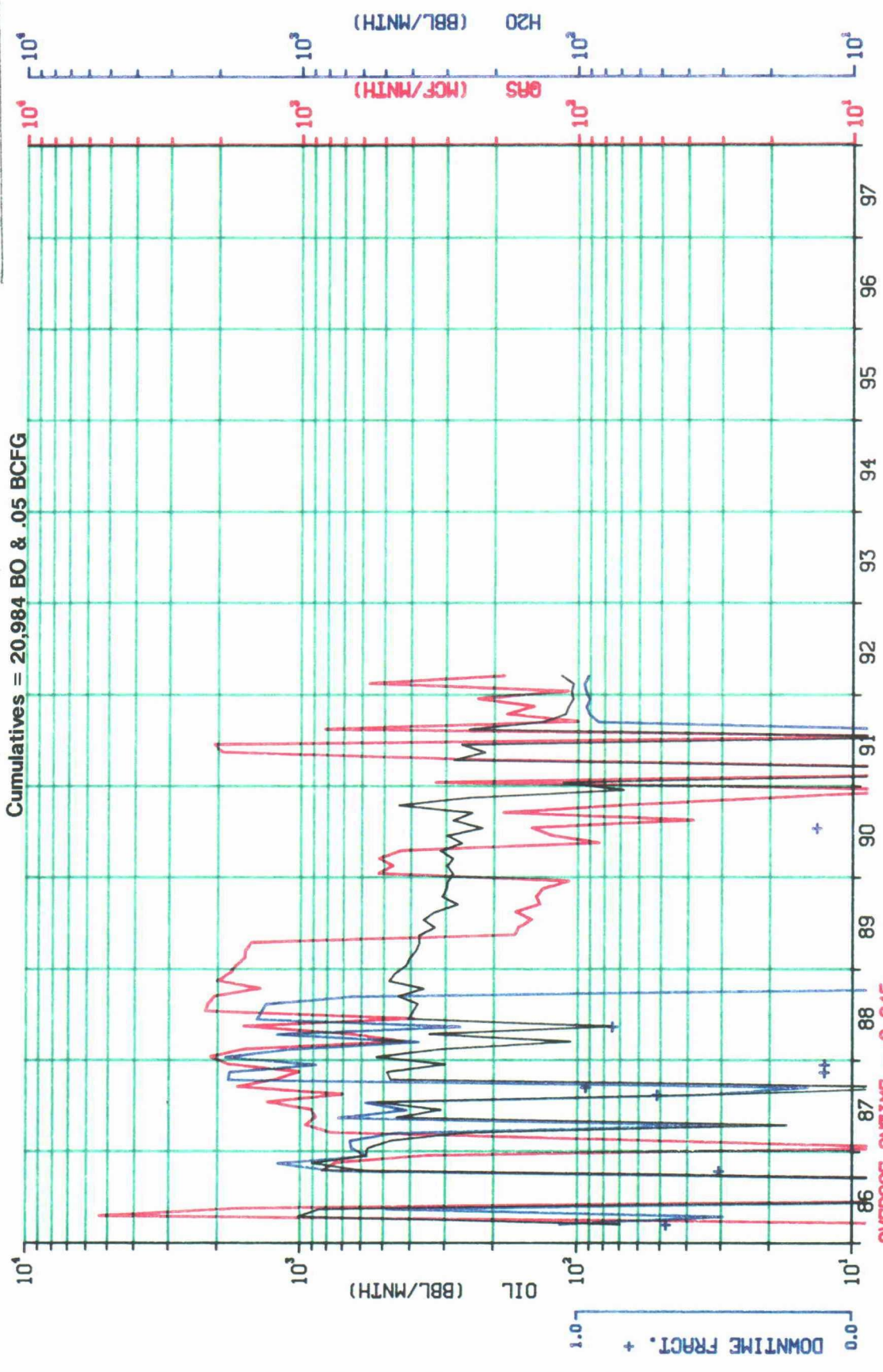
South Four Lakes #8

Cumulative GOR = 2380

Current GOR = 1956

Cumulatives = 20,984 BO & .05 BCFG

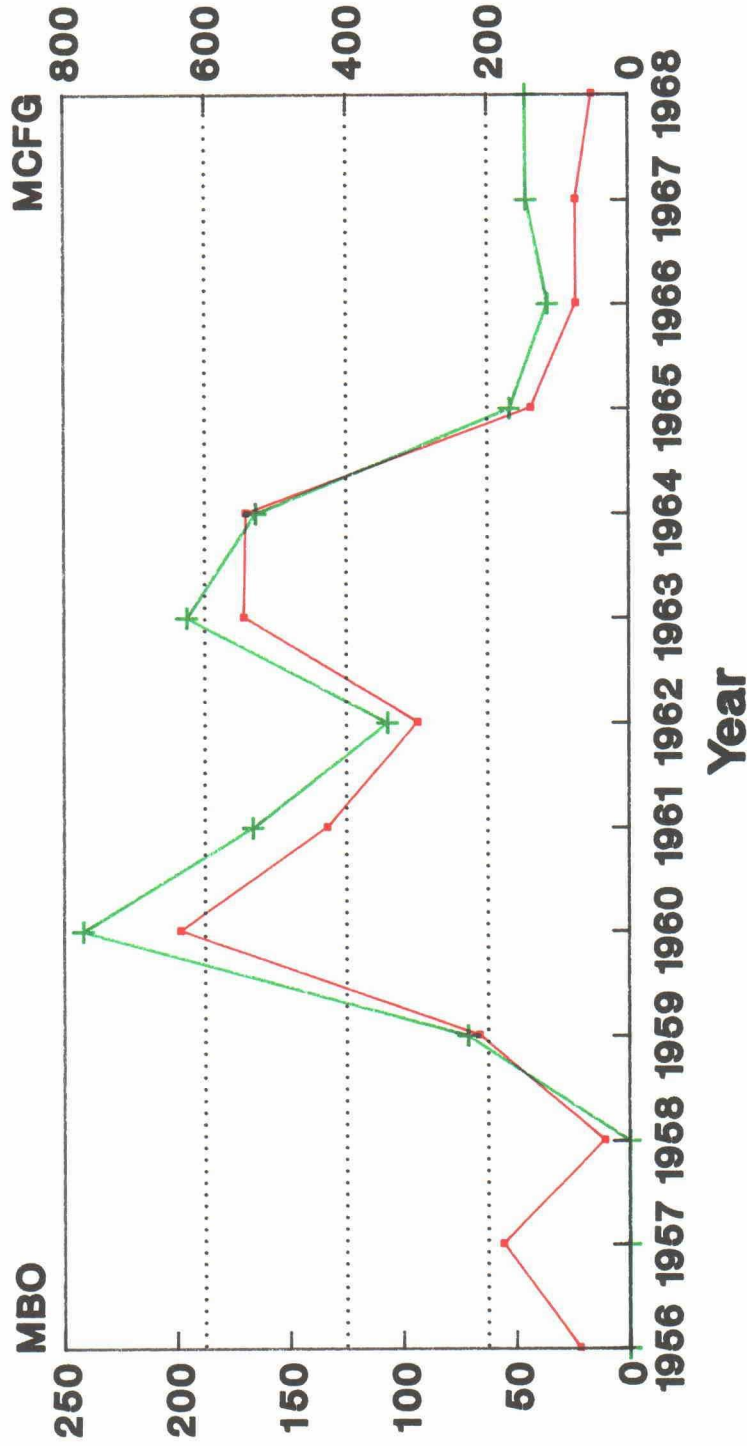
CASE NO. 10546



AVERAGE ONTIME - 0.945

LEASE- SOUTH FOUR LAKES UNIT
 RESVR- 002 : FOUR LAKES (DEVONIAN) DEVONIAN
 WELL - 000008 CUM MCF - 55748. 2A 12S 34E
 DWIGHTS
 250,025,12S34E02A000V API-300252953300
 PHILLIPS PETROLEUM CO THRU 3/92

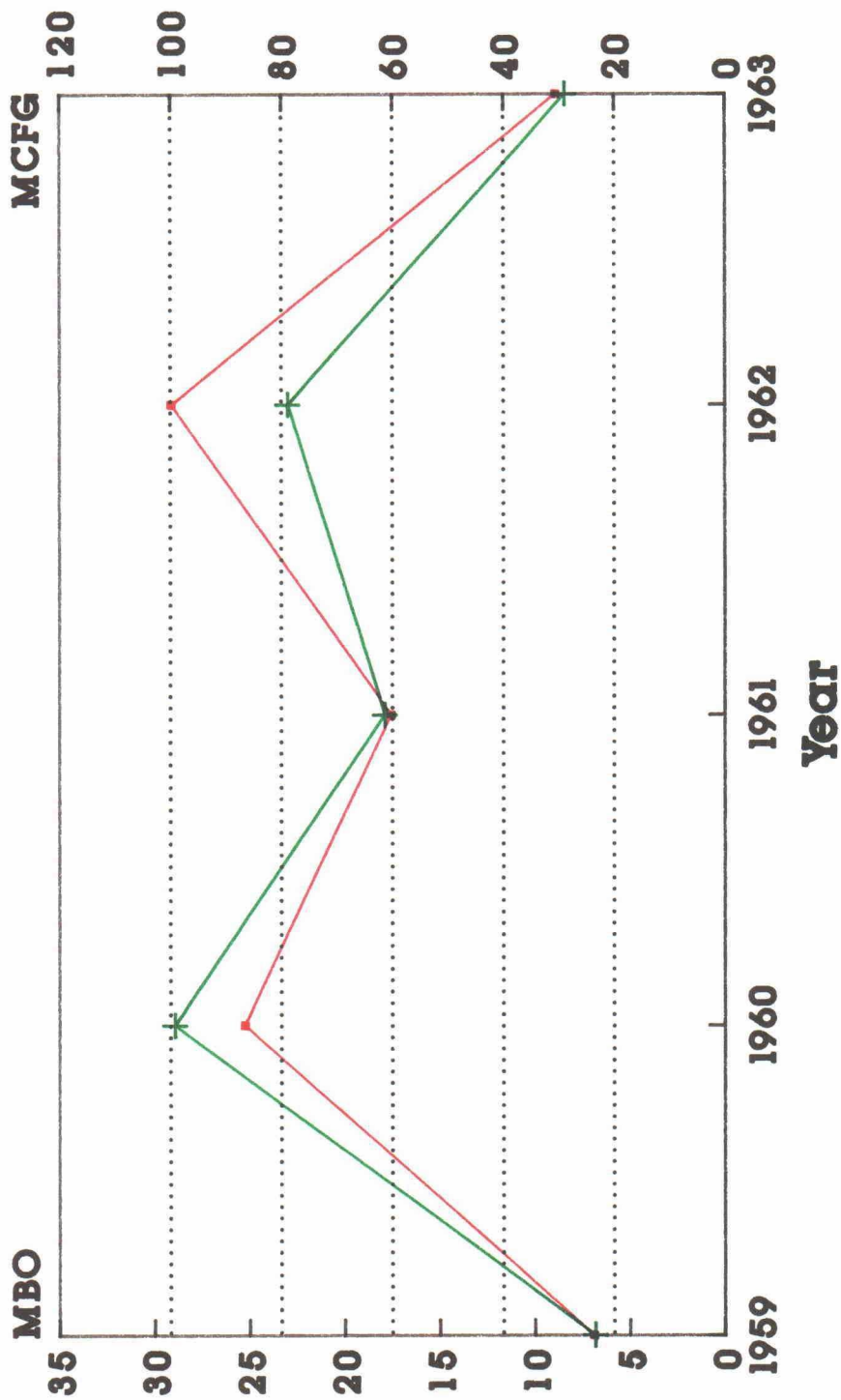
South Four Lakes No. 2 Production



BEFORE EXAMINER *Stagner*
 OIL CONSERVATION DIVISION
 PHILLIPS PETROLEUM COMPANY
 EXHIBIT NO. 7
 CASE NO. 10546

Reclassified as Gas Well in 1959

South Four Lakes No.6 Production



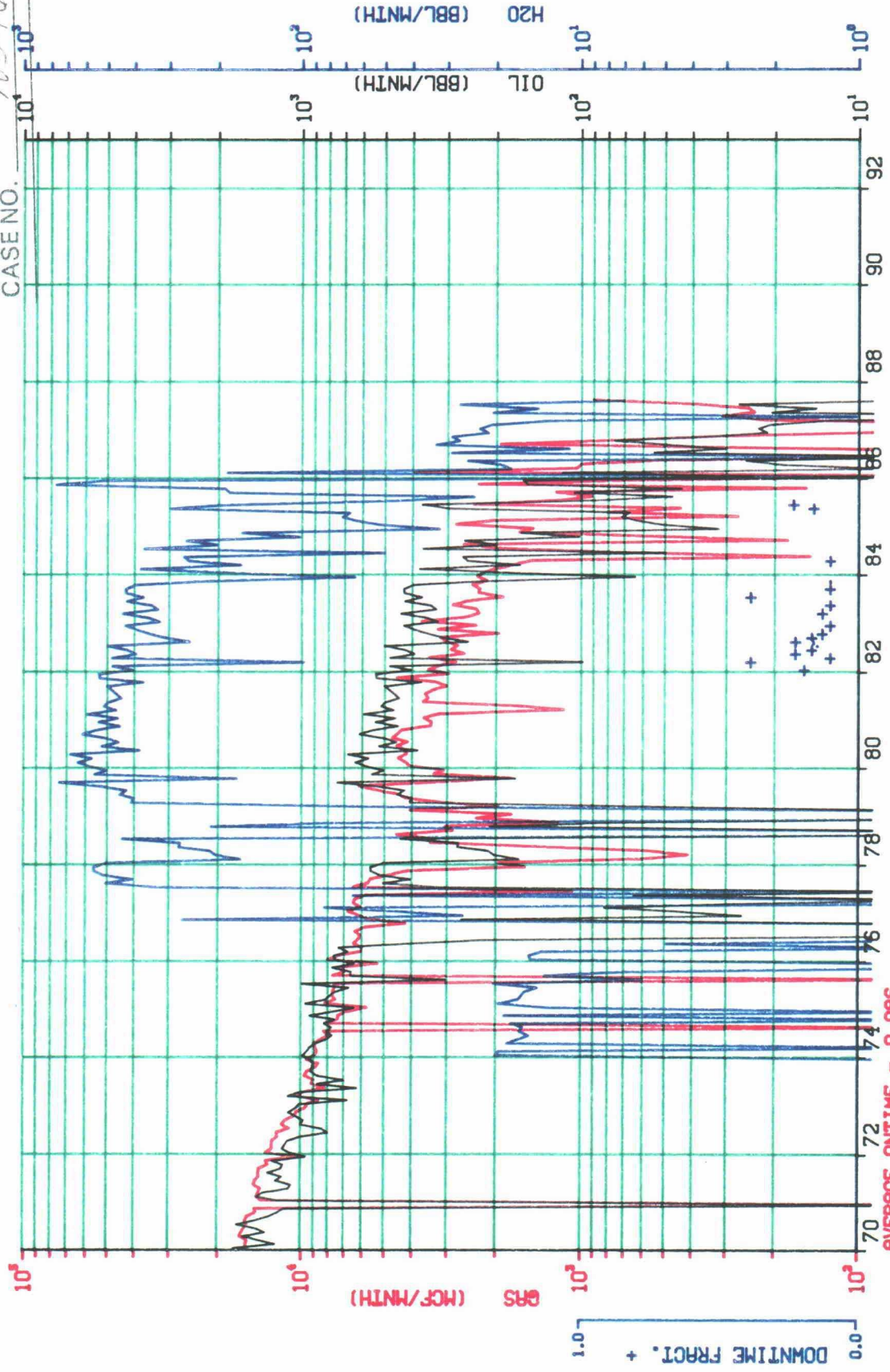
BEFORE EXAMINER *Stogner*
 OIL CONSERVATION DIVISION
 PHILLIPS PETROLEUM COMPANY
 EXHIBIT NO. 8
 CASE NO. 10546

Recompleted in Penn, 1964

South Four Lakes #3

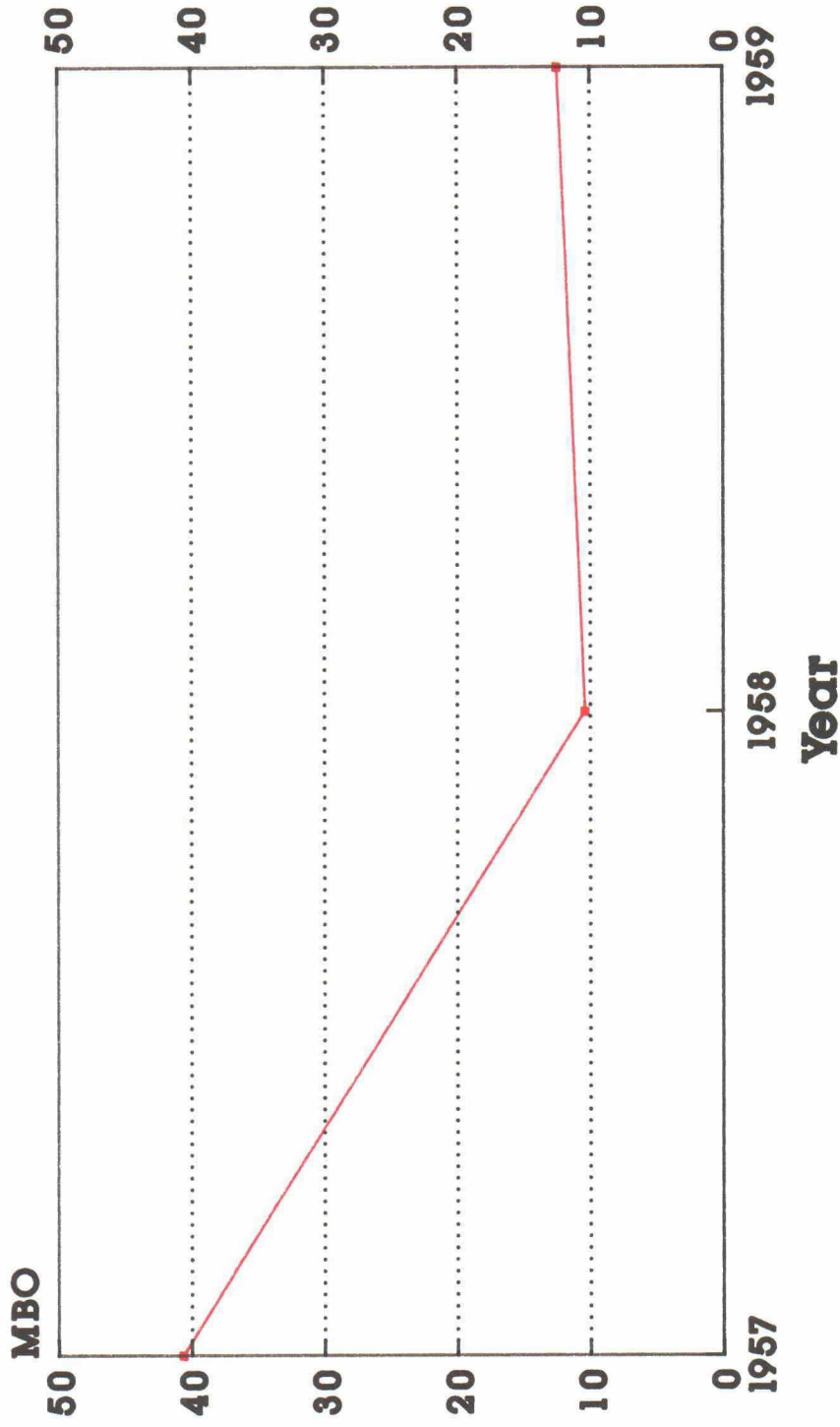
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 OIL CONSERVATION DIVISION
 PHILLIPS PETROLEUM COMPANY
 EXHIBIT NO. 9

CASE NO. *10546*



LEASE- SOUTH FOUR LAKES UNIT
 RESVR- 002 : FOUR LAKES (DEVONIAN) DEVONIAN
 WELL - 000003 CUM MMCF- 3390. 1D 12S 34E
 DWIGHTS
 250,025, 12534E010000V API-300250182900
 PHILLIPS PETROLEUM CO THRU 8/87

South Four Lakes No. 4 Production



BEFORE EXAMINER *Stegner*
OIL CONSERVATION DIVISION
PHILLIPS PETROLEUM COMPANY
EXHIBIT NO. 10
CASE NO. 10546

Recompleted in Penn. 1959

**WELL SERVICE APPROVAL - NON AFE
PHILLIPS PETROLEUM COMPANY--PERMIAN BASIN REGION**

RKB @ 4171.4 '
CHF @ _____ '
GL @ 4147.8 '

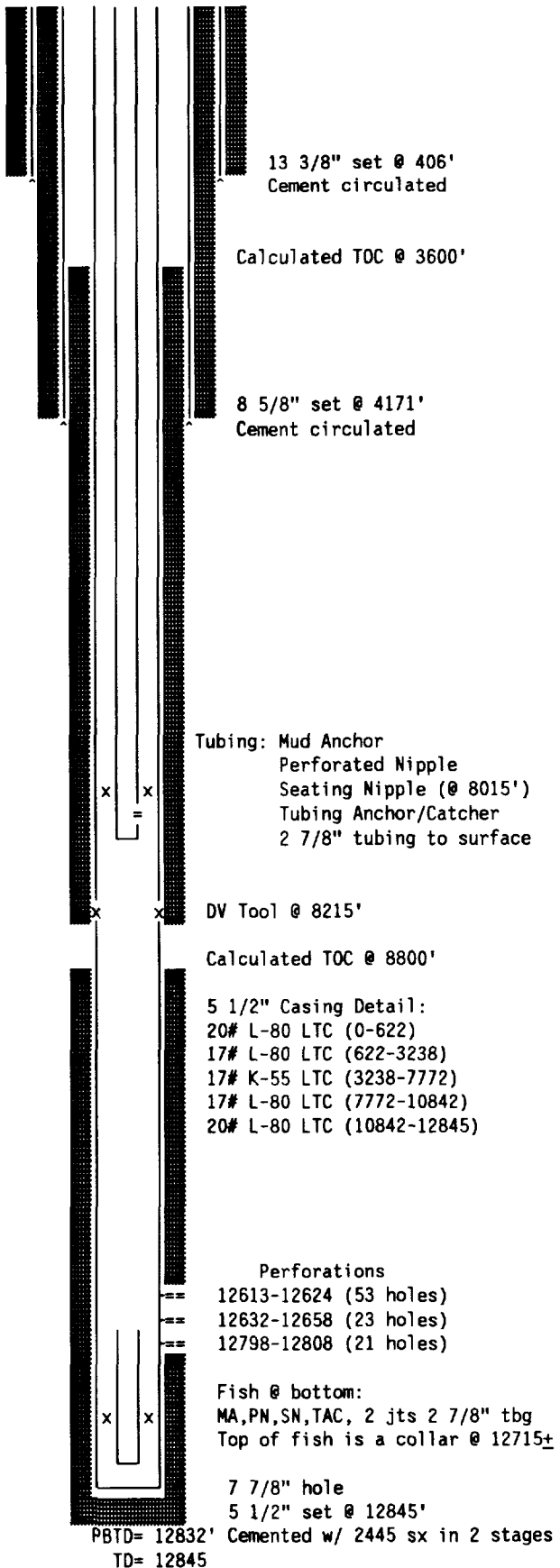
Category Code _____ Date 8-21-92
Area North Subarea Lovington
Lease & Well No. South Four Lakes Unit Well No. 8
Legal Description 660' FNL & 990' FEL, Sec. 2, T12S, R34E
Lea County _____ State: New Mexico
Field Four Lakes Devonian
Status: Pumping 4/9/92 5 BOPD 3 BWPD 60 MCFD
Tbg: 8015' of 2 7/8" OD, 6.5 #/ft, Gr. N-80
of _____ " OD, _____ #/ft, Gr. _____
Packer: None Packer Type: _____
Date Drilled/Completed: 1-16-86/4-8-86
Hole/Casing Condition: Fish at bottom of hole: MA,PN,SN,TA,2 jts tbg
Stimulation History: 3-18-86 (12798-12808) 750 gals 15% HCL
9-25-86 (12798-12808) 500 gals 15% HCL
(12632-12658) 2500 gals 15% HCL
(12613-12624) 1000 gals 15% HCL

WELLHEAD DESCRIPTION: _____

PROPOSAL: Clean up scale

HISTORY:

- 1-16-86 Spud Well
- 3/1986 Perforated 12798-12808 (21 holes)
Acidized w/ 500 gals 15% HCL
IFP 76 BOPD, 22 BWPD, 480 MCFD
- 4/1986 Stabilized Flow 20 BOPD, 35 BWPD
- 5/1986 Well died. Unable to swab off.
- 9/1986 Set pumping unit
Tested 31 BOPD, 75 BWPD, 195 MCFD
- 9/1987 Perforated 12613-12624 (53 holes)
12632-12658 (23 holes)
Acidized 12798-12808 500 gals 15% HCL
12632-12658 2500 gals 15% HCL
12613-12624 1000 gals 15% HCL
- 10-19-87 Pump tested: 14 BOPD, 55 BWPD, 136 MCFD
- 2-04-88 Prod. tbg parted. Left fish in hole. Ran New String.
- 2-24-88 Tested 16 BOPD, 145 BWPD



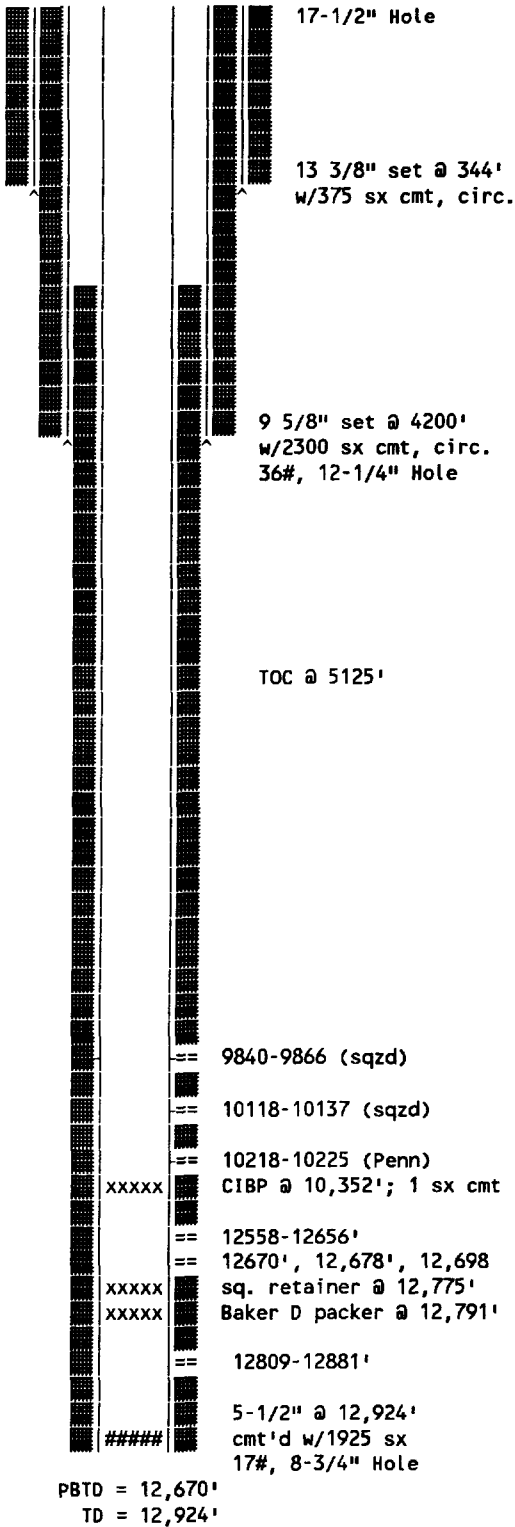
BEFORE EXAMINER Stanger
OIL CONSERVATION DIVISION
PHILLIPS PETROLEUM COMPANY
EXHIBIT NO. 11
CASE NO. 10546

South Four Lakes #8

WELL SERVICE APPROVAL - NON AFE
 PHILLIPS PETROLEUM COMPANY--PERMIAN BASIN REGION

RKB @ _____
 CHF @ _____
 GL @ _____

Category Code _____ Date September 1, 1992
 Area North Subarea Lovington
 Lease & Well No. South Four Lakes Unit Well No. 2
 Legal Description 1980' FNL & 1980' FEL, Sec. 2, T12S, R34E
Lea County State: New Mexico
 Field Four Lakes
 Status: _____ BOPD _____ BMD _____ MCFD
 Tbg: _____ its of 2 3/8 " OD, 4.7 #/ft, Gr. _____
 _____ of _____ " OD, _____ #/ft, Gr. _____
 Packer: None Packer Type: _____
 Date Drilled/Completed: 5-17-56/10-18-56
 Hole/Casing Condition: _____
 Stimulation History: _____



WELLHEAD DESCRIPTION: _____
 PROPOSAL: _____

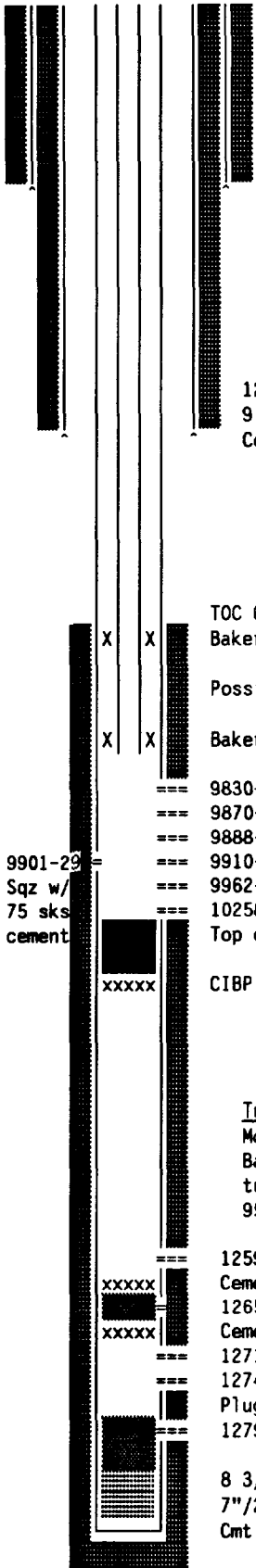
BEFORE EXAMINER Stagner
 OIL CONSERVATION DIVISION
 PHILLIPS PETROLEUM COMPANY
 EXHIBIT NO. 12
 CASE NO. 10546

South Four Lakes #2

**WELL SERVICE APPROVAL - NON AFE
PHILLIPS PETROLEUM COMPANY--PERMIAN BASIN REGION**

RKB @ 4159
CHF @ 4141
GL @ _____

Category Code _____ Date 4-27-92
Area North Subarea Lovington
Lease & Well No. South Four Lakes Unit Well No. 6 (SVD)
Legal Description 1980' FSL & 660' FEL, Sec. 2, T12S, R34E
Lea County State: New Mexico
Field Four Lakes Devonian
Status: SVD BOPD BMPD MCFD
Tbg: 9800' of 2 3/8" OD, 4.7 #/ft, Gr. J-55
_____ of _____ " OD, _____ #/ft, Gr. _____
Packer: See diagram Packer Type: _____
Date Drilled/Completed: 4/59
Hole/Casing Condition: Well has pressure on the tubing annulus
Stimulation History: See history attachment



17 1/2" Hole
13 3/8" set @ 401'
Cement circulated

12 1/4" Hole
9 5/8" set @ 4154'
Cement circulated

WELLHEAD DESCRIPTION: _____

PROPOSAL: Isolate hole in casing and repair as necessary

CASING DETAIL:

7" 26# N-80 (0-2809')
7" 29# N-80 (2809-4009')
7" 26# N-80 (4009-7881')
7" 29# N-80 (7881-10374')
7" 32# N-80 (10374-12870')

TOC @ 9460' (TS)
Baker Loc-Set Packer @ 9550'±

Possible casing leak between the packers

Baker Model "D" Packer @ 9800'

==== 9830-40 (2 SPF)
==== 9870-76 (2 SPF)
==== 9888-96 (2 SPF)
==== 9910-20 (4 SPF)
==== 9962-69 (2 SPF)
==== 10258, 65, 67, 69, 80
Top of fill @ 10270'

} Penn
Injection Interval

CIBP Set @ 10350'. Capped w/ 7' cement

Tubing Detail:

Model D seal assembly, 8 jts 2 3/8" IPC tubing, Baker Loc-Set Packer(w/ on/off tool), and 2 3/8" IPC tubing to surface. Loc-Set Packer set at approximately 9550'. (Equipment ran in 4/88)

12591-12621 (20 holes)
Cement retainer set @ 12640'
12654-12662 (2 SPF). Sqz w/ 50 sks
Cement Retainer set @ 12690'
12710-12730 (2 SPF)
12746-12752 (2 SPF)
Plugged Back to 12753' (Sand & Cement)
12794-12832 (76 holes)

8 3/4" Hole
7''/26,29,32#/N-80 Set @ 12870'.
Cmt'd w/ 1180 sks cement

BEFORE EXAMINER *Stagner*
OIL CONSERVATION DIVISION
PHILLIPS PETROLEUM COMPANY
EXHIBIT NO. 13

CASE NO. 10546

South Four Lakes #6

**WELL SERVICE APPROVAL - NON AFE
PHILLIPS PETROLEUM COMPANY--PERMIAN BASIN REGION**

RKB @ 4159 '
CHF @ _____ '
GL @ 4143 '

Date 11/25/91

Area North Subarea Lovington
Lease & Well No. South Four Lakes Unit Well No. 3
Legal Description 660' FNL & 660' FWL, Sec. 1, T12S, R34E
Lea County State: New Mexico
Field : South Four Lakes
Status: Shut-In BOPD: _____ BWPD: _____ MCFD: _____
Tbg: Devonian: 12772' 2 3/8" 4.7# N-80 Buttress
Pennsylvania: 10056' 2 3/8" 4.7# N-80 Buttress

Date Drilled: 7-13-56/11-22-56
Hole/Casing Condition Devonian Tbg: Plunger and swabbing tools left in hole
Last Stimulation: January, 1962
Workover Proposal: Add additional pay in the Devonian, stimulate and install pumping equipment. Also, to evaluate potential of Pennsylvanian zone.
Wellhead Description: Alco wellhead w/ Cameron dual string head and tree. 13 3/8" x 9 5/8" x 7" x 2" x 2" 3000# WP

Devonian (Lower)
Pennsylvanian (Upper)

17 1/2" hole
13 3/8" set @ 398'
Cmt circ. to surface

12 1/4" hole
9 5/8" set @ 4200'
Cmt circ. to surface

3rd stage squeeze holes @ 5708'

Pennsylvanian Perfs:
9949-9957 (16 holes)

Devonian Tubing: 7/87 Installed plunger lift equipment. Plunger stop @ 10180'.
8/87 Left fish in tubing: Jars, sinker bars and swab cups on top of plunger. Also, while attempting to fish, left piece of grapple in hole.

Otis Type LH Dual Packer @ 10056' w/ Otis J Nipple (1 9/16" ID) on bottom

Shortstring BH Assembly: Otis Seal Unit
Otis T-Nipple (1 25/32" ID) Plugged
1 jt 2 3/8 N-80 Butt.
2nd stage squeeze holes Otis Sliding Sleeve (1 15/16" ID) Open
@ 11310' & 11320' 1 jt 2 3/8 N-80 Butt.
Otis S-Nipple (1 7/8 " ID)
321 jts 2 3/8 N-80 Butt.
5 Tubing Subs

Devonian Perfs:
12730-12765 (70 holes)

Baker Model "D" Packer @ 12772'
Longstring BH Assembly:

Devonian Perfs: Seal assembly
12797-12867 (480 holes) Otis S-1 Nipple
One Jt tubing
Sliding Sleeve (Open)
One jt tubing
Otis S-2 Nipple
Remaining Tbg

8 3/4" holes
7" 23,26,29# csg set @ 12874'
Cmt circ. to surface in 3 stages.

Total Depth-12874'
PBTD-12873'

BEFORE EXAMINER Stogner
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