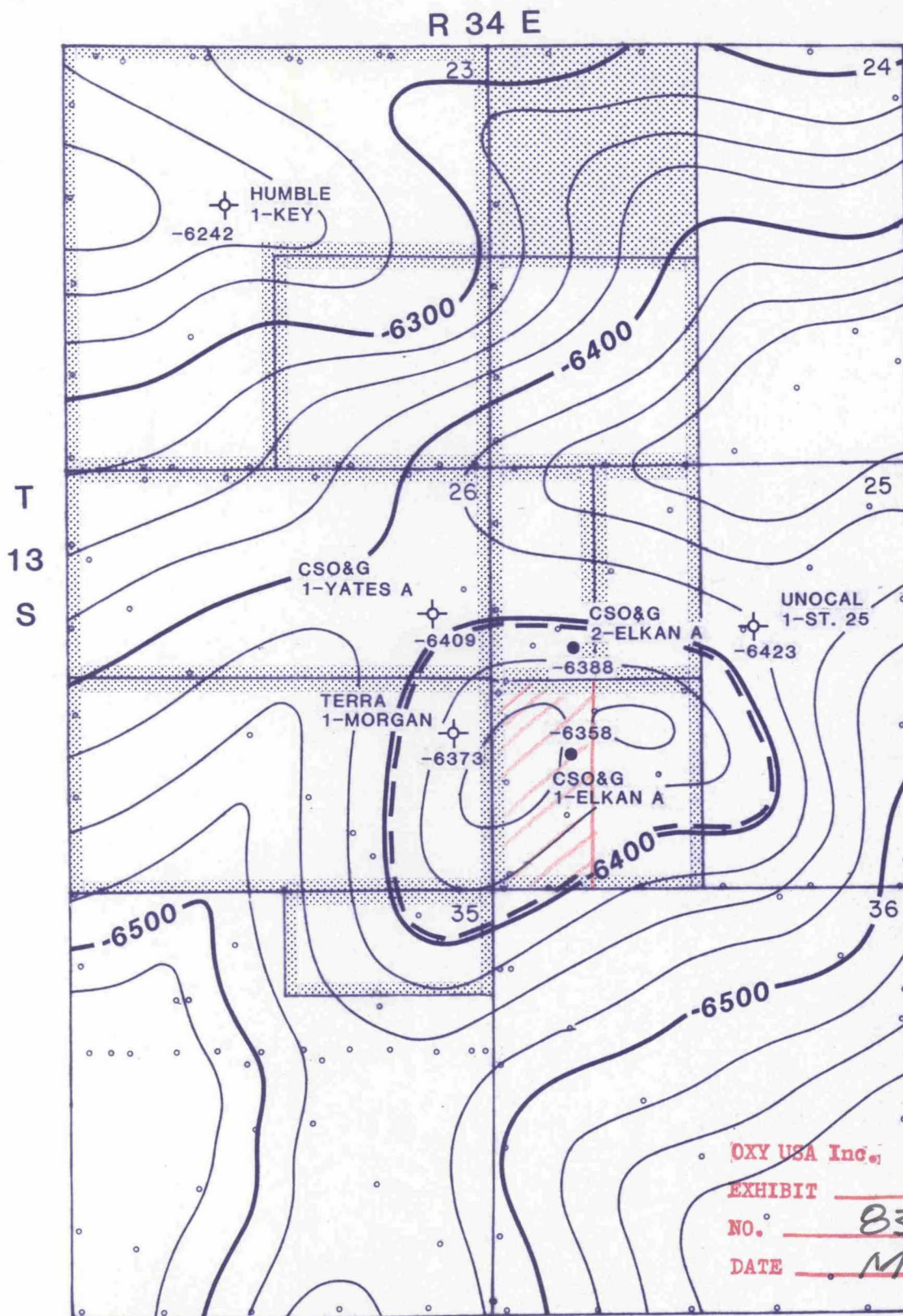


Exhibits 1 through 8
Complete Set



--- OIL-WATER CONTACT(-6390)



OXY FULL & PARTIAL
INTEREST ACREAGE



SEISMIC SHOT POINT

ALSTON RANCH FIELD LEA COUNTY, NEW MEXICO

STRUCTURE, TOP OF BOUGH "C" POROSITY

C.I. 25'

0 1/2
MILE

GEOL.: S. H. FLY

GEOPH.: R. BARTON

MAY, 1988

ELKAN A #1
LEA COUNTY, NEW MEXICO

PERTINENT INFORMATION

Producing Formation:	Bough C: 10,488' - 10,518' Bough B: 10,358' - 10,372'
Initial Potential:	12-24-85: Bough C pumped 135 BOPD, 22 BWPD, 189 MCFD 9-25-86: Bough B & C pumped 360 BOPD, 77 BWPD, 74 MCFD
Gravity of Oil:	39.6° API
Formation Net Pay:	Bough C: 26 Feet Bough B: 4 Feet
Formation Porosity:	Bough C: 4.5% Bough B: 6.0%
Formation Water Saturation:	Bough C: 32% Bough B: 20%
Formation Volume Factor:	1.35 RB/STB
Formation Temperature:	170°F

*# from
log analysis
Same parameters
as original core*

OXY USA Inc.

EXHIBIT

NO.

DATE

2
8334 Reopened
May 11, 1988

ELKAN A #1 - ALSTON RANCH FIELD - LEA COUNTY, NM ESTIMATED ULTIMATE RECOVERY 136,106 BO

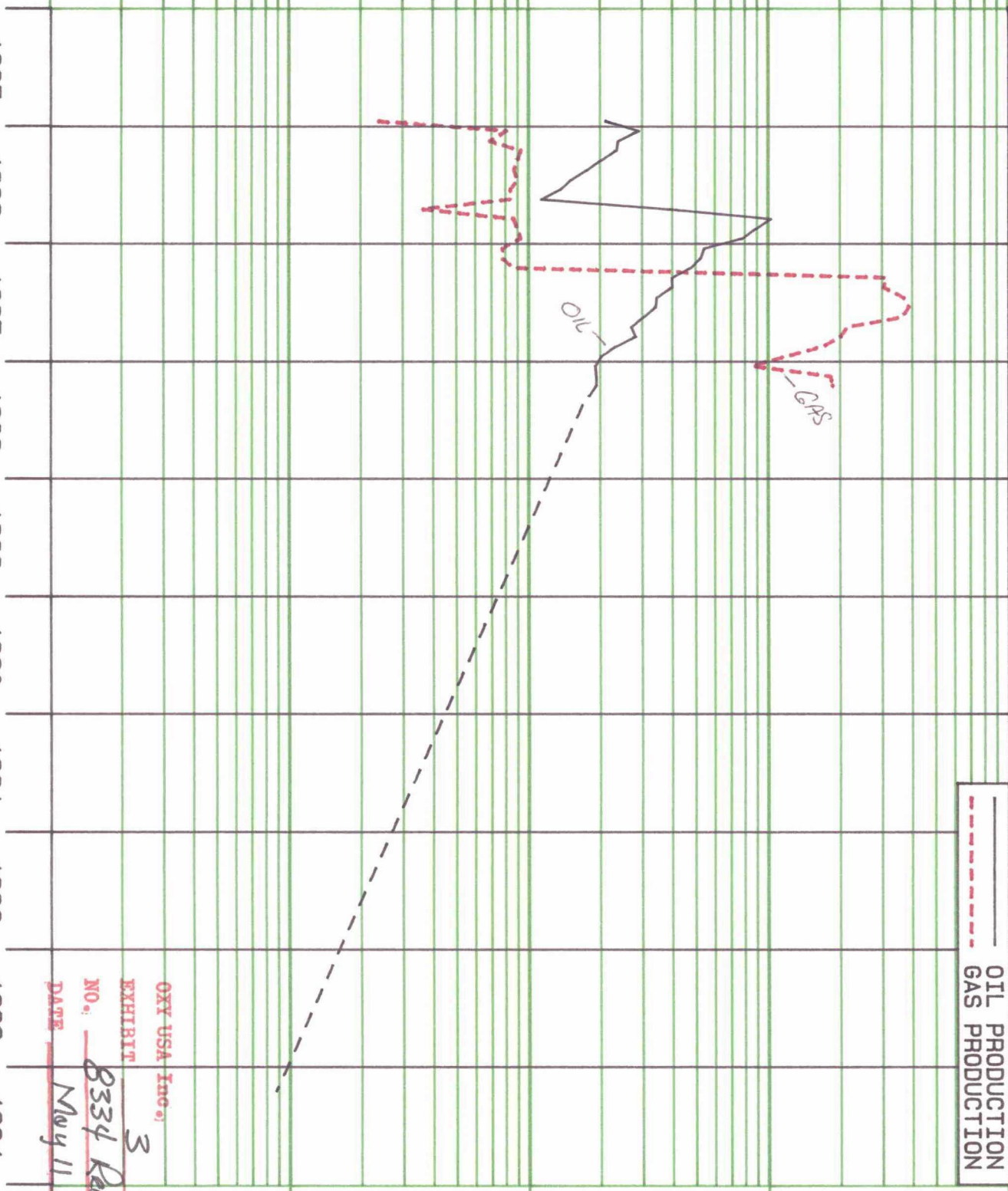
OIL PRODUCTION, BBLS/MONTH

10 2 3 4 5 6 7 8 9 100 2 3 4 5 6 7 8 9 1000 2 3 4 5 6 7 8 9 10000 2 3 4 5 6 7 8 9 100000

OIL PRODUCTION
GAS PRODUCTION

GAS PRODUCTION, MCF/MONTH

OXY USA Inc.
EXHIBIT 3
NO. 8334 Reopened
DATE May 11, 1988



ALSTON RANCH FIELD PRODUCTION

ELKAN A #1

<u>MONTH & YEAR</u>	<u>OIL PRODUCTION BOPM</u>	<u>GAS PRODUCTION MCF/M</u>	<u>WATER PRODUCTION BWPM</u>
DEC 1985	<u>2109</u>	<u>24</u>	<u>344</u>
1985 TOTAL	2109	24	344
JAN 1986	2889	81	705
FEB 1986	2360	69	750
MAR 1986	2324	93	900
APR 1986	2002	90	1050
MAY 1986	1747	87	0
JUN 1986	1494	90	946
JUL 1986	1347	84	853
AUG 1986	1120	84	709
SEP 1986	3855	36	2441
OCT 1986	10232	87	6480
NOV 1986	8810	90	5590
DEC 1986	<u>7738</u>	<u>93</u>	<u>4901</u>
1986 TOTAL	45918	990	25315
JAN 1987	5381	78	3279
FEB 1987	5180	78	3157
MAR 1987	4724	87	2879
APR 1987	3955	3131	2410
MAY 1987	3966	3048	2417
JUN 1987	3416	3698	3188
JUL 1987	3377	3892	3152
AUG 1987	3010	3640	2809
SEP 1987	2673	2155	4296
OCT 1987	2801	2013	4502
NOV 1987	2299	1702	3695
DEC 1987	<u>2005</u>	<u>1194</u>	<u>3222</u>
1987 TOTAL	42787	23522	39006
JAN 1988	1890	854	5413
FEB 1988	1912	1832	5417
MAR 1988	1912	1869	5417
APR 1988	<u>1783</u>	<u>NA</u>	<u>NA</u>
1988 TOTAL	7497	4555	16247
LIFE TOTAL	98,311 BO	29,091 MCFG	80,912 BW

OXY USA Inc.,

EXHIBIT

NO.

DATE

4
8334 Reopened
May 11, 1988

ALSTON RANCH FIELD PRODUCTION

ELKAN A #2

<u>MONTH & YEAR</u>	<u>OIL PRODUCTION BOPM</u>	<u>GAS PRODUCTION MCF/M</u>	<u>WATER PRODUCTION BWPM</u>
FEB 1987	2930	4882	800
MAR 1987	2036	5462	873
APR 1987	1705	1223	731
MAY 1987	1456	1015	624
JUN 1987	1254	208	209
JUL 1987	1240	219	1196
AUG 1987	1105	205	1066
SEP 1987	564	513	4353
OCT 1987	600	687	2100
NOV 1987	493	413	1726
DEC 1987	<u>415</u>	<u>279</u>	<u>1453</u>
1987 TOTAL	13798	14627	16131
JAN 1988	156	28	515
FEB 1988	TA	TA	TA
MAR 1988	TA	TA	TA
APR 1988	<u>TA</u>	<u>TA</u>	<u>TA</u>
1988 TOTAL	156	28	515
LIFE TOTAL	13,954 BO	14,655 MCFG	16,646 BW

*Currently
TA'd
for P.A.*

*Tested well
in B*

No power in C.

*12-13 BOPD
when TA'd*

OXY USA Inc.

EXHIBIT

NO.

DATE

5

8334

Reopened

May 11, 1988

CALCULATIONS

ELKAN A NO. 1

$$N = \frac{7758(A)(h)(\phi)(1-S_w)}{B_{oi}}$$

BOUGH B: NET PAY = 4', POROSITY = 6%, $S_w = 20\%$

$$N_{40} = \frac{7758(40 \text{ acres})(4 \text{ Ft})(0.60)(1-0.20)}{1.35} = 44,135 \text{ BO}$$

$$N_{80} = \frac{7758(80 \text{ acres})(4 \text{ Ft})(0.60)(1-0.20)}{1.35} = 88,270 \text{ BO}$$

$$N_{160} = \frac{7758(160 \text{ acres})(4 \text{ Ft})(0.60)(1-0.20)}{1.35} = 176,540 \text{ BO}$$

BOUGH C: NET PAY = 26', POROSITY = 4.5%, $S_w = 32\%$

$$N_{40} = \frac{7758(40 \text{ acres})(26 \text{ Ft})(0.45)(1-0.32)}{1.35} = 182,880 \text{ BO}$$

$$N_{80} = \frac{7758(80 \text{ acres})(26 \text{ Ft})(0.45)(1-0.32)}{1.35} = 365,760 \text{ BO}$$

$$N_{160} = \frac{7758(160 \text{ acres})(26 \text{ Ft})(0.45)(1-0.32)}{1.35} = 908,070 \text{ BO}$$

OXY USA Inc.,

EXHIBIT

NO.

DATE

6
8334 Reopened
May 11, 1988

ELKAN A #1

LEA COUNTY, NEW MEXICO

RECOVERY CALCULATIONS

A. Estimated ultimate recovery from Elkan A#1 is: 136,106 STB

B. Volumetric reserve calculations for the Bough B and Bough C:

<u>DRAINAGE AREA</u>	<u>OOIP (STB) BOUGH B</u>	<u>OOIP (STB) BOUGH C</u>	<u>TOTAL OOIP (STB)</u>	<u>ELKAN A#1 RECOV (%OOIP)</u>
40	44,135	182,180	227,015	59.96
80	88,270	365,760	454,030	29.98
160	176,540	731,530	908,070	15.0

OXY USA Inc.

EXHIBIT

NO.

DATE

7
8334 Reopened
May 11, 1988