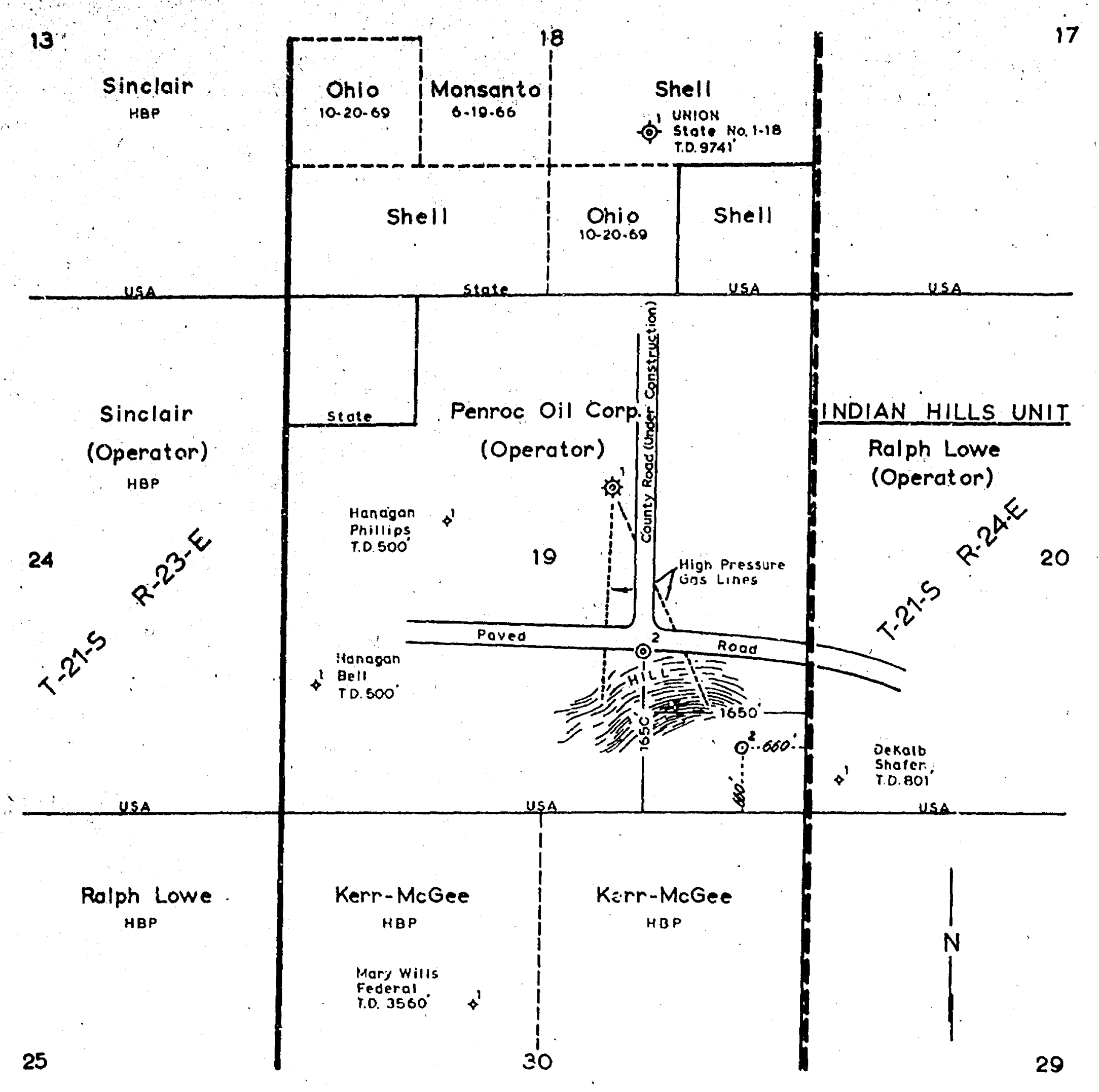
Case No.
3426

Large Exhibits

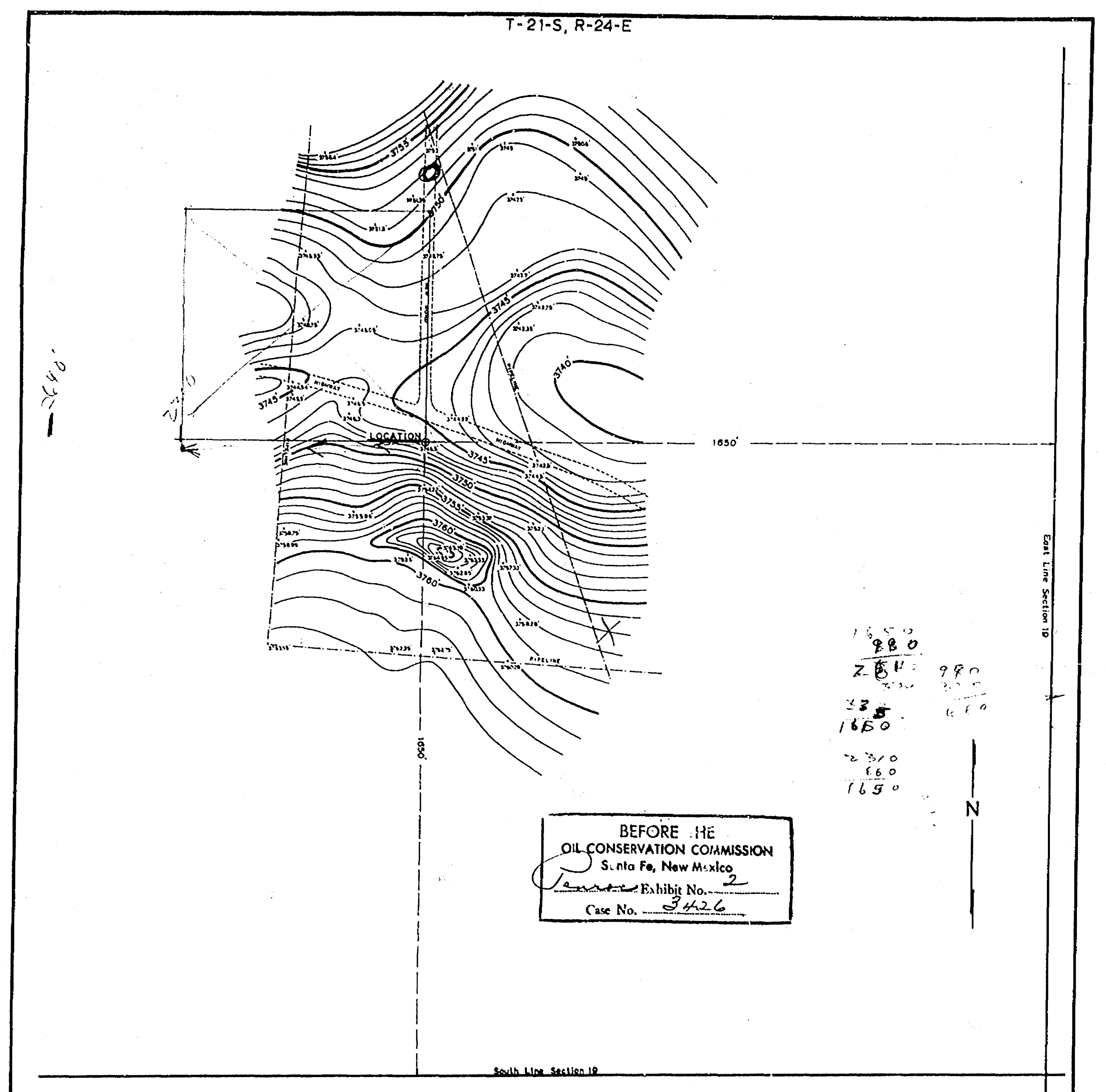
V.T.R.C.F. MICROGRAPHICS
BEST POSSIBLE COPY


13
18
17
Sinclair
HBP
Ohio
10-20-69
Monsanto
6-19-66
Shell
1 UNION
State No. 1-18
T.D. 9741'
Shell
Ohio
10-20-69
Shell
USA
State
USA
USA
State
Sinclair
(Operator)
HBP
Penroc Oil Corp.
(Operator)
County Road (Under Construction)
INDIAN HILLS UNIT
Ralph Lowe
(Operator)
Hanagan
Phillips
T.D. 500'
24
T-21-S R-23-E
19
High Pressure
Gas Lines
T-21-S R-24-E
20
Paved
Road
2
Hanagan
Bell
T.D. 500'
HILL
1650'
1650'
660'
660'
DeKalb
Shafer
T.D. 801'
USA
USA
USA
USA
Ralph Lowe
HBP
Kerr-McGee
HBP
Kerr-McGee
HBP
Mary Wills
Federal
T.D. 3560'
N
25
30
29

LOCATION PLAT
PENROC OIL CORPORATION
INDIAN FEDERAL NO. 2

1650' FSL & 1650' FEL
Section 19, T-21-S, R-24-E
EDDY COUNTY, NEW MEXICO

Scale
0 1000 2000 3000 4000


T-21-S, R-24-E
LOCATION
1650'
3745'
3750'
3755'
3760'
PIPELINE
East Line Section 19
South Line Section 19
N
1650
980
2310
660
1650
990
660

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 2
Case No. 3426

TOPOGRAPHIC SURVEY

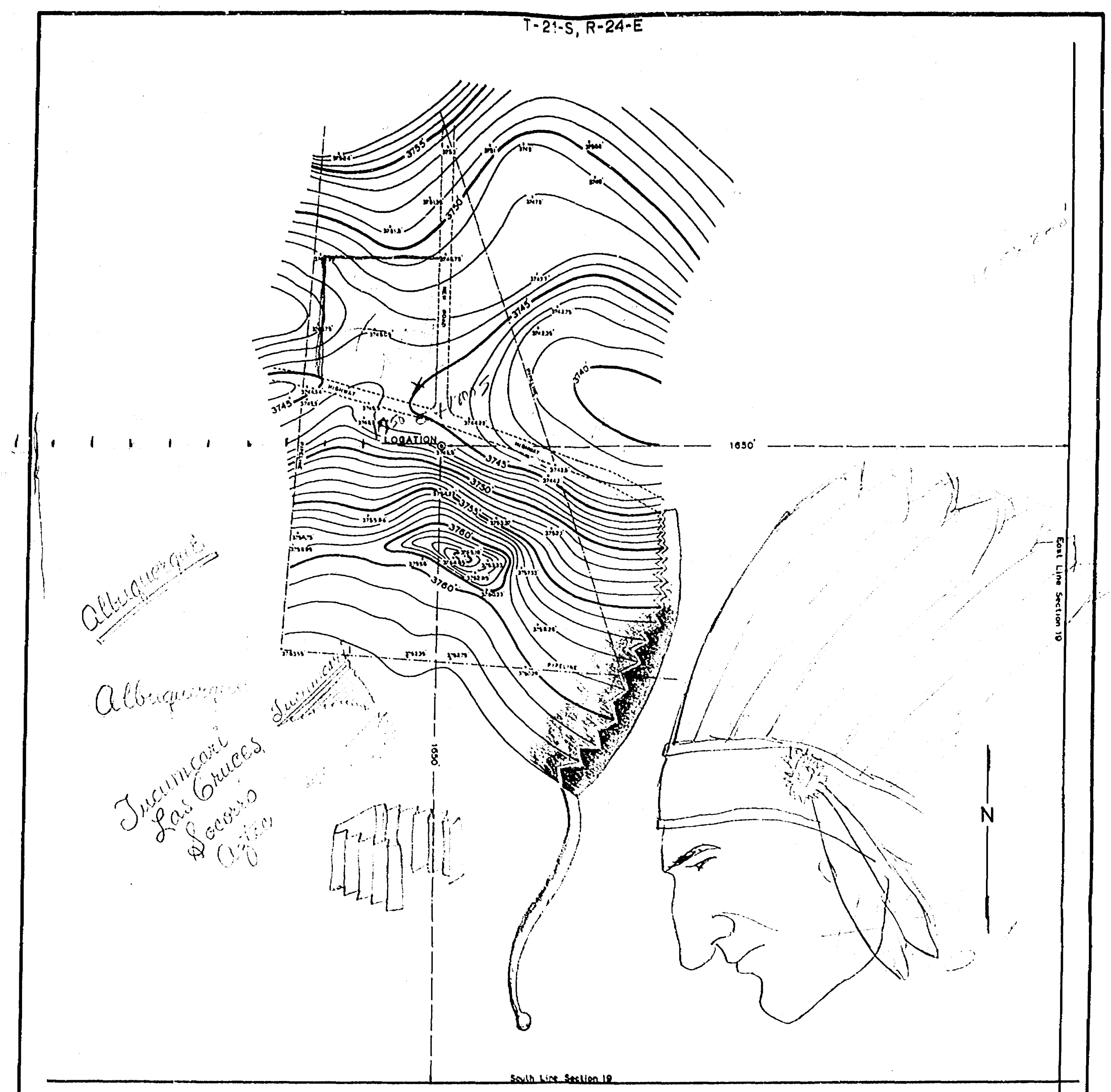
A PORTION OF

SE 4, Section 19, T-21-S, R-24-E
Eddy County, New Mexico

DATE SURVEYED 5-7-66
SURVEYED BY
REGISTERED LAND SURVEYOR
CERTIFICATE NO.

Scale

Case 3426 Ex #2


T-21-S, R-24-E
LOCATION
1650'
3745'
3750'
3755'
3760'
PIPELINE
East Line Section 19
South Line Section 19
N
Albuquerque
Albuquerque
Tucumcari
Tucumcari
Las Cruces
Socorro
Ojita

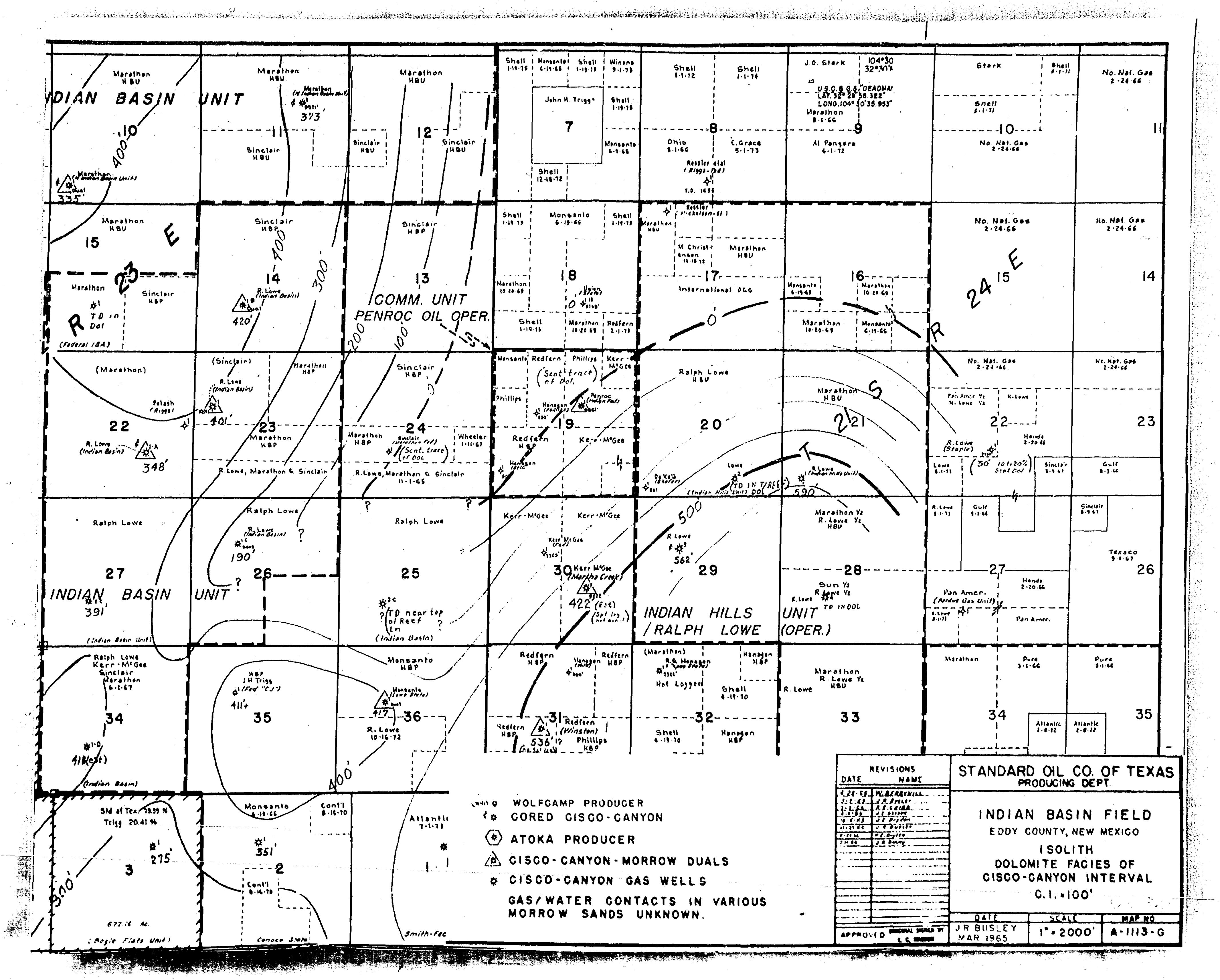
TOPOGRAPHIC SURVEY

A PORTION OF

SE 4, Section 19, T-21-S, R-24-E
Eddy County, New Mexico

DATE SURVEYED 5-7-66
SURVEYED BY
REGISTERED LAND SURVEYOR
CERTIFICATE NO. 220

Scale


INDIAN BASIN UNIT
R 23 E
R 24 E
T 21 S
COMM. UNIT
PENROC OIL OPER.
INDIAN HILLS UNIT
/RALPH LOWE (OPER.)
10
11
12
7
8
9
10
11
15
14
13
18
17
16
15
14
22
23
24
19
20
21
22
23
27
26
25
30
29
28
27
26
34
35
36
31
32
33
34
35
3
2
1
400'
300'
200'
100'
0
500'
Marathon
Sinclair
Shell
Monsanto
Ralph Lowe
Redfern
Kerr-McGee
Phillips
No. Nat. Gas
Pure
Atlantic

(with 0) WOLFCAMP PRODUCER

CORED CISCO-CANYON

ATOKA PRODUCER

CISCO-CANYON-MORROW DUALS

CISCO-CANYON GAS WELLS

GAS/WATER CONTACTS IN VARIOUS MORROW SANDS UNKNOWN.

REVISIONS	
DATE	NAME
4-22-65	W. BERRYHILL
[illegible]	[illegible]

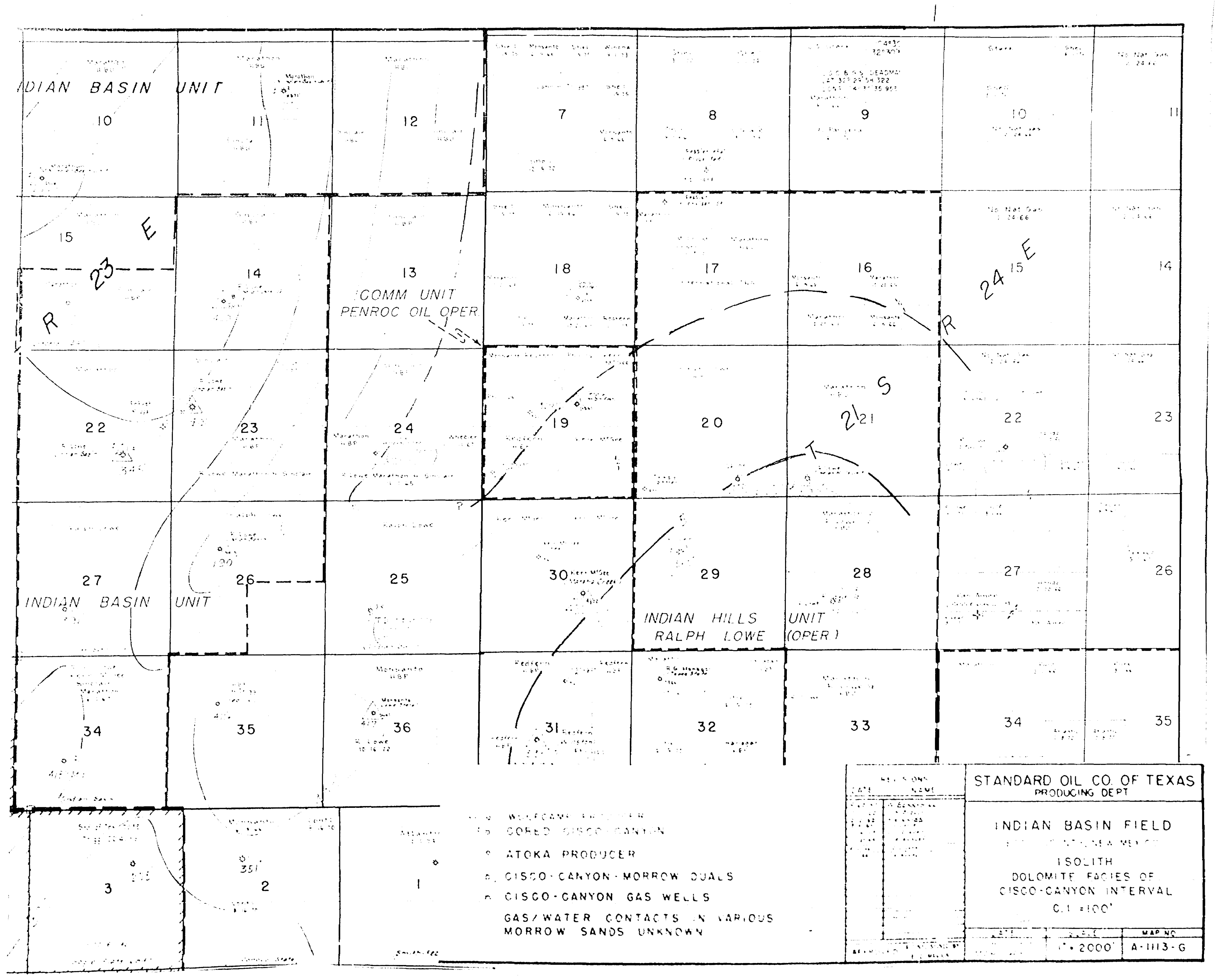
APPROVED ORIGINAL SIGNED BY [illegible]

STANDARD OIL CO. OF TEXAS
PRODUCING DEPT.

INDIAN BASIN FIELD
EDDY COUNTY, NEW MEXICO

ISOLITH
DOLOMITE FACIES OF
CISCO-CANYON INTERVAL
C.I. = 100'

DATE	SCALE	MAP NO.
J R BUSLEY MAR 1965	1" = 2000'	A-1113-G


INDIAN BASIN UNIT
INDIAN BASIN UNIT
COMM UNIT
PENROC OIL OPER
INDIAN HILLS UNIT
RALPH LOWE (OPER)
R 23 E
R 24 E
T 21 S
10
11
12
7
8
9
10
11
15
14
13
18
17
16
15
14
22
23
24
19
20
21
22
23
27
26
25
30
29
28
27
26
34
35
36
31
32
33
34
35
3
2
1
WOLFCAMP PRODUCER
CORED CISCO-CANYON
ATOKA PRODUCER
CISCO-CANYON-MORROW DUALS
CISCO-CANYON GAS WELLS
GAS/WATER CONTACTS IN VARIOUS MORROW SANDS UNKNOWN
REVISIONS
DATE
NAME

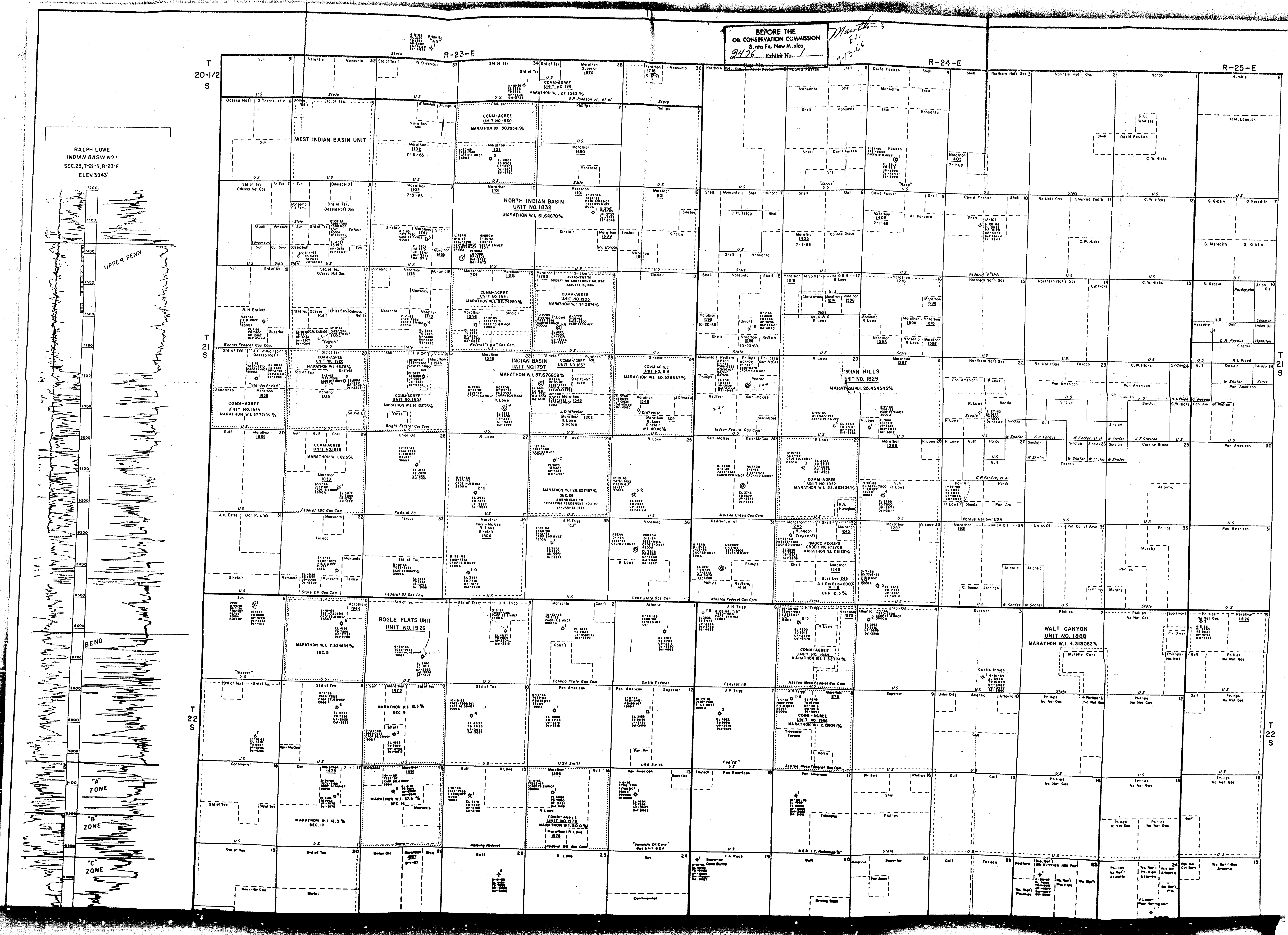
STANDARD OIL CO. OF TEXAS
PRODUCING DEPT

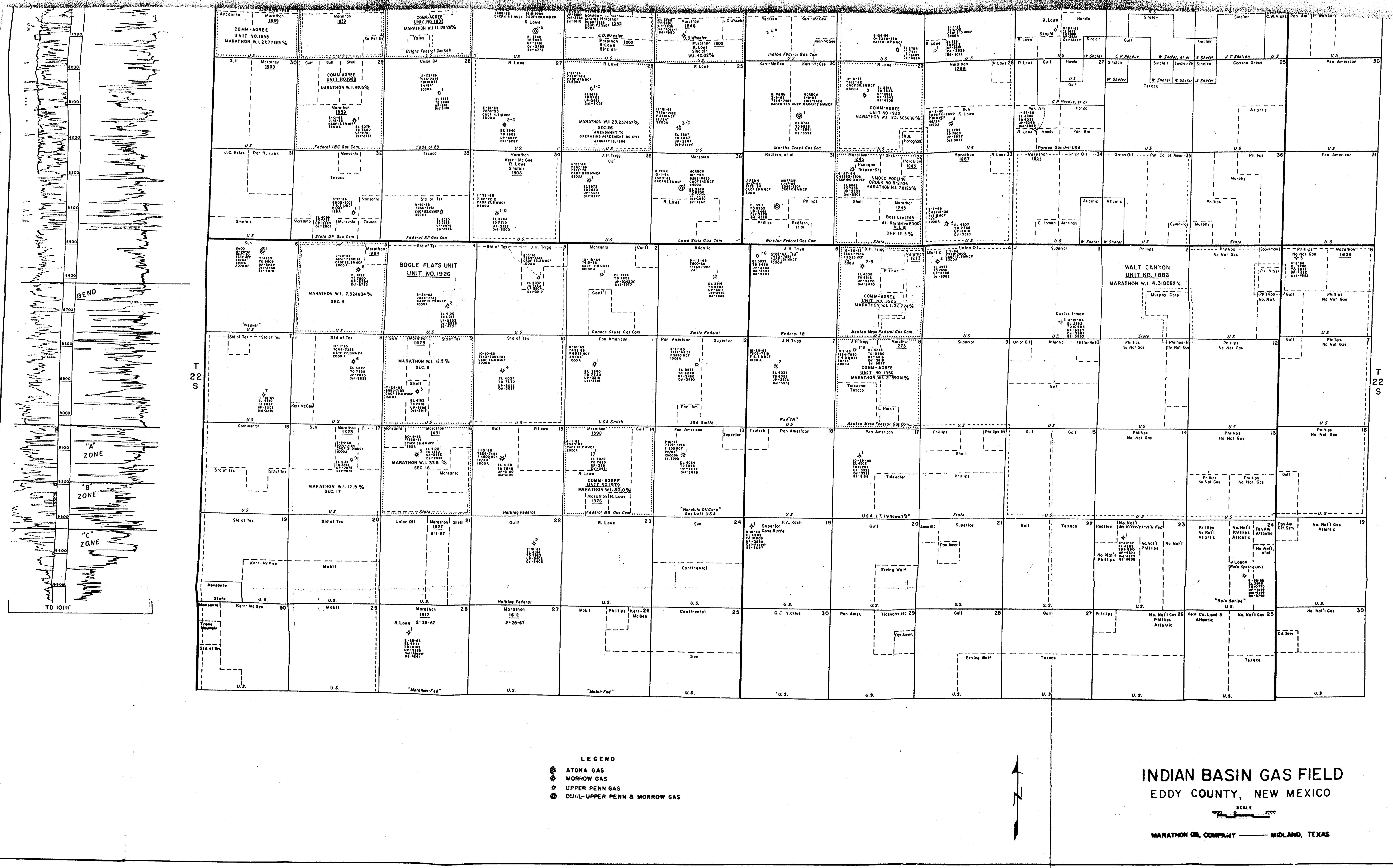
INDIAN BASIN FIELD
NEW MEXICO
ISOLITH
DOLOMITE FACIES OF
CISCO-CANYON INTERVAL
C.I. =100'

DATE	SCALE	MAP NO.
	1" = 2000'	A-1113-G

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
3426 Exhibit No. 1

Marathon's
Ex. 1
7-13-66

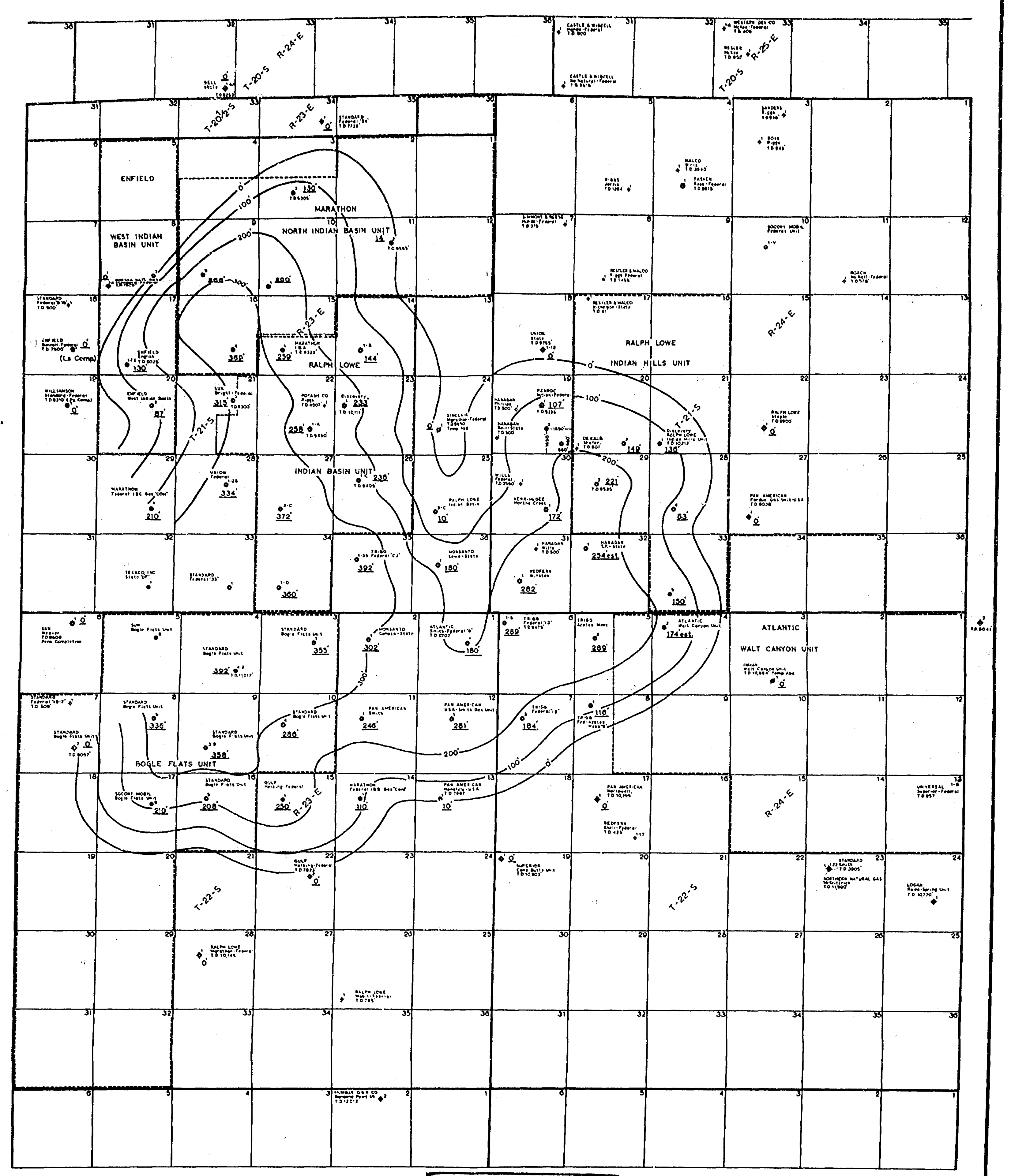

RALPH LOWE
INDIAN BASIN NO. 1
SEC. 23, T-21-S, R-23-E
ELEV. 3843'
7200
7300
UPPER PENN
BEND
"A" ZONE
"B" ZONE
"C" ZONE
R-23-E
R-24-E
R-25-E
T 20-1/2 S
T 21 S
T 22 S
WEST INDIAN BASIN UNIT
COMM-AGREE UNIT NO. 1930 MARATHON W.I. 30.79841%
NORTH INDIAN BASIN UNIT NO. 1832 MARATHON W.I. 61.64670%
INDIAN BASIN UNIT NO. 1797 MARATHON W.I. 37.676609%
INDIAN HILLS UNIT NO. 1829 MARATHON W.I. 25.454545%
BOGLE FLATS UNIT UNIT NO. 1926
WALT CANYON UNIT NO. 1888 MARATHON W.I. 4.318082%


BEND
"A" ZONE
"B" ZONE
"C" ZONE
TD 10111'
T 22 S
BOGLE FLATS UNIT UNIT NO. 1926
WALT CANYON UNIT NO. 1883
MARATHON W.I. 4.318082%
LEGEND
ATOKA GAS
MORROW GAS
UPPER PENN GAS
DUAL-UPPER PENN & MORROW GAS
N
SCALE

INDIAN BASIN GAS FIELD

EDDY COUNTY, NEW MEXICO

MARATHON OIL COMPANY —— MIDLAND, TEXAS


ENFIELD
WEST INDIAN BASIN UNIT
MARATHON
NORTH INDIAN BASIN UNIT
RALPH LOWE
RALPH LOWE
INDIAN HILLS UNIT
INDIAN BASIN UNIT
ATLANTIC
WALT CANYON UNIT
ROGLE FLATS UNIT
T-20-S
R-23-E
R-24-E
R-25-E
T-21-S
T-22-S
100
200
300

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 5
Case No. 3426

LEGEND

- ◆ Shallow Dry Hole
- ● CISCO-CANYON Completion
- ● MORROW Completion
- ● Dual CISCO-CANYON–MORROW Completion
- ◆ Deep Dry Hole

N

PENROC

INDIAN BASIN GAS FIELD

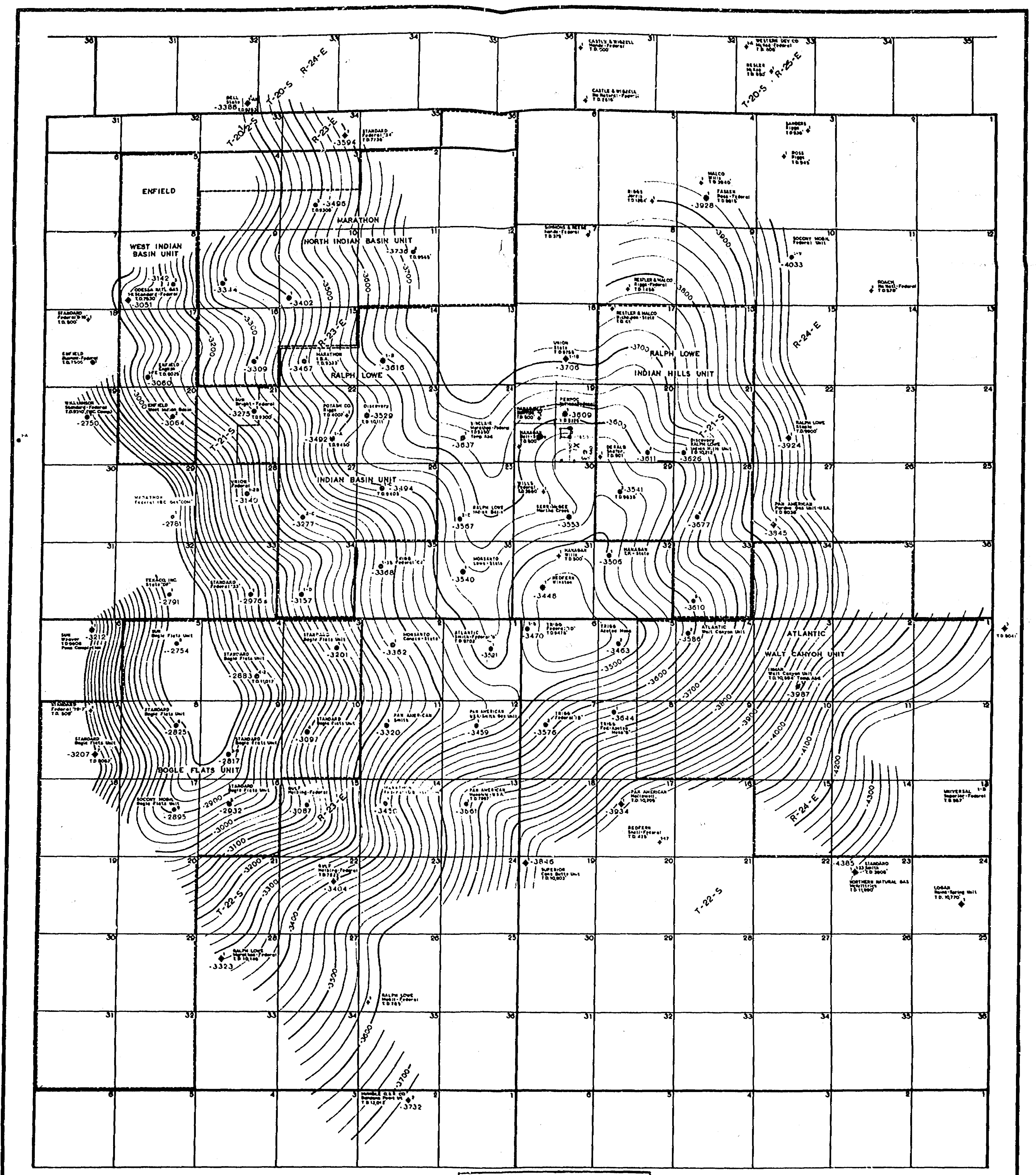
EDDY COUNTY, NEW MEXICO

ISOPACH: GROSS DOLOMITE PAY
CONTOURS ABOVE (-) 3700 : CISCO-CANYON REEF
CONTOUR INTERVAL 100' DATE April 1966
GEOLOGY BY J.B. Castle & J.C. Ryan

SCALE
0 1000 2000 3000 4000 5000 6000

Exhibit 5
Case 3426

N.M.R.C.P. MICROGRAPHICS


T-20-S
R-24-E
R-25-E
ENFIELD
WEST INDIAN BASIN UNIT
MARATHON
NORTH INDIAN BASIN UNIT
RALPH LOWE
INDIAN HILLS UNIT
INDIAN BASIN UNIT
ATLANTIC
WALT CANYON UNIT
T-22-S
-3732

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Penroc Exhibit No. 4
Case No. 3426

INDIAN BASIN GAS FIELD

EDDY COUNTY, NEW MEXICO

CONTOURS Top Cisco-Canyon Reef
CONTOUR INTERVAL 25 Feet DATE April 1966
GEOLOGY BY J.B. Castle & J.C. Ryan

SCALE

0 1000 2000 3000 4000 5000 6000

LEGEND

- ♦ Shallow Dry Hole
- ● CISCO-CANYON Completion
- ● MORROW Completion
- ● Dual CISCO-CANYON—MORROW Completion
- ◆ Deep Dry Hole

PENROC

Exhibit 4

3426

V.R.C.F. MICROGRAPHICS
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