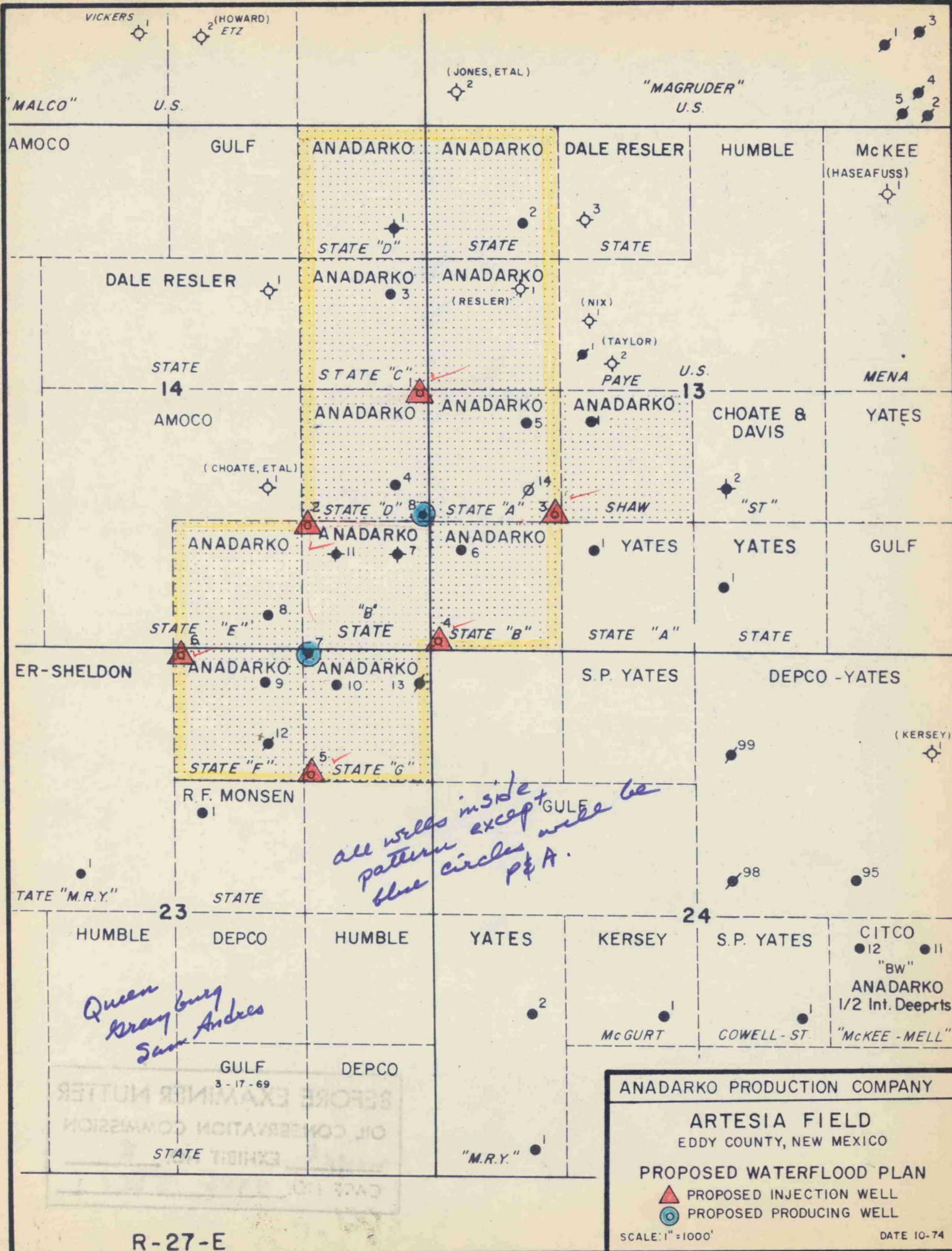




R-27-E

ANADARKO PRODUCTION COMPANY

ARTESIA FIELD

EDDY COUNTY, NEW MEXICO

PROPOSED WATERFLOOD PLAN

- ▲ PROPOSED INJECTION WELL
- PROPOSED PRODUCING WELL

SCALE: 1" = 1000'

DATE 10-74

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

Anchorage EXHIBIT NO. 2

CASE NO. 5356 5357



BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

Andersko EXHIBIT NO. *21*

CASE NO. *5356 - 5357*

ARTESIA STATE UNIT
Sections 13, 14, & 23, T18S - R27E

Pressure Monitor

8 5/8" OD surface casing
set at 300' with cement circulated.

2 3/8" OD tubing internally protected,
set on tension packer approximately
30' above highest perf.

4 1/2" OD casing set at TD and
cemented with sufficient volume
to bring top of cement to 900'
below surface.

Water injection down tubing
at rate of 250 BPD fresh-
produced water mixture with
2000 PSI surface pressure.

Injection into porous and
permeable intervals of the
Queen, Grayburg and or
San Andras.

T.D. 2000' or less

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Anadarko EXHIBIT NO. 3
CASE NO. 5356-5357

ANADARKO PRODUCTION COMPANY

ARTESIA FIELD

Eddy County, New Mexico

DIAGRAMMATIC SKETCH
OF

TYPICAL WATER INJECTION WELL
COMPLETION

*fresh wti from
Dawson Eagle
will inj 250 BWPD/well
will reinject prod wti*

ARTESIA FIELD
EDDY COUNTY, NEW MEXICO
ANADARKO NEW MEXICO STATE

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Amphibole EXHIBIT NO. 5
CASE NO. 5356 - 5357

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>
Jan.	183	161	177	219
Feb.	447	0	114	206
Mar.	209	149	433	198
Apr.	440	210	56	189
May	201	197	211	137
June	434	150	350	208
July	212	216	247	150
Aug.	401	230	223	184
Sept.	217	0	201	190
Oct.	260	204	218	136
Nov.	197	162	199	230
Dec.	<u>203</u>	<u>173</u>	<u>201</u>	<u>147</u>
	3404	1852	2630	2194

	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Jan.	165	133	115	0
Feb.	159	153	109	0
Mar.	157	139	102	0
Apr.	150	139	88	0
May	167	122	105	190
June	145	148	118	141
July	126	132	0	50
Aug.	91	122	0	240
Sept.	148	118	0	112
Oct.	128	127	0	94
Nov.	101	102	0	111
Dec.	<u>90</u>	<u>104</u>	<u>0</u>	<u>145</u>
	1627	1539	637	1083

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
Jan.	74	92	86	80
Feb.	61	85	78	63
Mar.	52	90	88	64
Apr.	0	80	84	71
May	88	90	83	72
June	41	92	56	32
July	107	75	67	74
August	99	100	61	71
Sept.	99	79	85	62
Oct.	89	91	81	73
Nov.	94	83	77	63
Dec.	<u>91</u>	<u>90</u>	<u>75</u>	<u>88</u>
	895	1047	921	813

	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>
Jan.	58	30	38	49
Feb.	33	62	55	31
Mar.	121	54	63	64
Apr.	2	63	52	123
May	47	0	58	24
June	36	69	33	58
July	64	67	54	0
Aug.	65	63	59	51
Sept.	45	47	53	51
Oct.	57	52	29	59
Nov.	65	49	55	37
Dec.	<u>53</u>	<u>68</u>	<u>39</u>	<u>58</u>
	646	624	588	605

	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Jan.	58	56	55	56
Feb.	51	49	11	47
Mar.	39	60	72	39
Apr.	52	32	53	51
May	55	47	52	50
June	49	27	38	49
July	43	50	54	55
Aug.	51	47	45	49
Sept.	50	36	42	53
Oct.	59	56	52	49
Nov.	52	51	63	53
Dec.	<u>36</u>	<u>47</u>	<u>46</u>	<u>43</u>
	595	558	583	594

	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Jan.	43	41	50	43
Feb.	45	49	42	42
Mar.	41	53	46	44
Apr.	53	0	47	41
May	54	57	49	47
June	53	47	44	58
July	43	52	37	42
Aug.	41	48	40	50
Sept.	51	35	45	50
Oct.	50	52	44	50
Nov.	57	45	43	48
Dec.	<u>54</u>	<u>47</u>	<u>47</u>	<u>39</u>
	585	526	534	554

	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>
Jan.	43	50	43	45
Feb.	40	25	40	21
Mar.	45	37	43	40
Apr.	44	43	34	39
May	41	41	43	37
June	42	37	41	41
July	43	43	42	34
Aug.	42	40	42	20
Sept.	43	39	28	36
Oct.	44	43	43	41
Nov.	42	39	43	38
Dec.	<u>43</u>	<u>43</u>	<u>43</u>	<u>42</u>
	512	480	485	434

	<u>1974</u>
Jan.	38
Feb.	12
Mar.	22
Apr.	41
May	43
June	32
July	<u>38</u>
	226

ARTESIA FIELD
EDDY COUNTY, NEW MEXICO
ANADARKO NEW MEXICO STATE

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 6

CASE NO. 5356 1948 5357 1949

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>
Jan.	734	101	136	212
Feb.	630	0	212	143
Mar.	646	0	133	46
Apr.	682	0	214	0
May	396	356	206	321
June	209	416	177	92
July	425	0	108	90
Aug.	311	192	0	80
Sept.	201	229	355	48
Oct.	155	0	60	94
Nov.	0	375	0	140
Dec.	<u>191</u>	<u>338</u>	<u>164</u>	<u>76</u>
	4580	2007	1765	1342

	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Jan.	50	56	48	44
Feb.	233	66	50	38
Mar.	21	26	39	39
Apr.	134	74	47	45
May	76	41	40	32
June	71	69	45	44
July	72	47	37	30
Aug.	0	45	47	53
Sept.	95	50	39	25
Oct.	53	45	44	52
Nov.	51	45	42	22
Dec.	<u>55</u>	<u>50</u>	<u>41</u>	<u>17</u>
	911	614	519	441

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
Jan.	25	33	0	30
Feb.	25	29	0	28
Mar.	14	32	0	31
Apr.	6	60	0	34
May	0	55	0	10
June	0	50	25	24
July	47	44	60	33
Aug.	0	8	28	24
Sept.	68	40	31	27
Oct.	38	40	36	33
Nov.	0	21	35	24
Dec.	<u>37</u>	<u>0</u>	<u>35</u>	<u>36</u>
	260	412	250	334

New Mexico State A

	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>
Jan.	24	28	27	25
Feb.	19	27	21	32
Mar.	33	27	32	24
Apr.	23	30	29	31
May	33	24	28	34
June	27	25	29	7
July	27	14	25	25
Aug.	33	30	26	33
Sept.	25	25	23	25
Oct.	11	25	25	26
Nov.	36	25	25	28
Dec.	<u>23</u>	<u>30</u>	<u>32</u>	<u>43</u>
	314	310	322	333
	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Jan.	23	28	19	25
Feb.	8	23	29	16
Mar.	14	27	25	19
Apr.	37	31	28	28
May	28	22	9	27
June	27	29	36	20
July	21	18	25	62
Aug.	24	25	24	6
Sept.	23	23	25	0
Oct.	35	22	24	3
Nov.	7	26	17	25
Dec.	<u>35</u>	<u>28</u>	<u>31</u>	<u>61</u>
	282	302	292	292
	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Jan.	25	24	26	23
Feb.	25	23	25	27
Mar.	29	35	26	6
Apr.	47	26	26	1
May	4	22	27	12
June	30	25	24	4
July	22	24	21	31
Aug.	24	34	19	44
Sept.	23	25	24	52
Oct.	28	30	24	15
Nov.	27	26	25	34
Dec.	<u>26</u>	<u>27</u>	<u>24</u>	<u>49</u>
	310	321	291	298

New Mexico State A

	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>
Jan.	33	45	40	43
Feb.	43	41	36	38
Mar.	46	39	39	28
Apr.	50	34	40	34
May	35	50	39	35
June	42	39	40	26
July	41	45	26	15
Aug.	32	44	36	3
Sept.	47	37	27	7
Oct.	24	44	34	7
Nov.	13	42	13	6
Dec.	<u>41</u>	<u>41</u>	<u>43</u>	<u>4</u>
	447	501	413	246

	<u>1974</u>
Jan.	6
Feb.	25
Mar.	24
Apr.	20
May	18
June	26
July	<u>30</u>
	149

ARTESIA FIELD
EDDY COUNTY, NEW MEXICO
ANADARKO NEW MEXICO STATE

BEFORE EXAMINER
OIL CONSERVATION COMMISSION
EXHIBIT 7
CASE NO. 5356 - 5357

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>
Jan.	538	235	0	99
Feb.	643	0	193	0
Mar.	218	214	104	141
Apr.	381	191	79	0
May	474	0	63	113
June	487	201	0	61
July	315	0	91	109
Aug.	100	249	189	47
Sept.	90	0	71	0
Oct.	0	129	87	102
Nov.	206	143	0	45
Dec.	<u>0</u>	<u>0</u>	<u>112</u>	<u>39</u>
	3452	1362	989	756

	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Jan.	45	33	25	18
Feb.	47	33	26	20
Mar.	37	29	28	19
Apr.	35	30	19	22
May	41	31	23	20
June	0	31	42	33
July	81	30	25	41
Aug.	42	24	22	17
Sept.	0	20	21	8
Oct.	58	26	24	11
Nov.	36	30	22	11
Dec.	<u>27</u>	<u>25</u>	<u>21</u>	<u>8</u>
	449	342	298	228

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
Jan.	19	20	20	22
Feb.	0	19	17	18
Mar.	3	19	17	16
Apr.	0	26	16	18
May	0	16	18	13
June	0	21	18	21
July	27	21	22	20
Aug.	6	16	14	16
Sept.	0	21	19	18
Oct.	0	16	22	24
Nov.	6	15	19	20
Dec.	<u>15</u>	<u>17</u>	<u>20</u>	<u>18</u>
	76	227	222	224

New Mexico State B

	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>
Jan.	23	26	20	50
Feb.	22	21	15	5
Mar.	22	20	22	21
Apr.	14	26	23	18
May	22	19	26	39
June	17	22	28	25
July	22	29	4	30
Aug.	12	17	23	33
Sept.	19	20	26	42
Oct.	20	28	18	38
Nov.	15	20	22	47
Dec.	<u>17</u>	<u>15</u>	<u>22</u>	<u>29</u>
	225	263	249	377

	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Jan.	24	72	69	63
Feb.	15	19	46	64
Mar.	22	79	51	73
Apr.	30	55	55	45
May	64	47	20	72
June	45	71	59	74
July	39	45	70	60
Aug.	52	63	80	75
Sept.	33	34	47	62
Oct.	44	64	80	74
Nov.	46	54	61	48
Dec.	<u>29</u>	<u>69</u>	<u>25</u>	<u>71</u>
	443	672	663	781

	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Jan.	51	71	1	12
Feb.	59	51	5	15
Mar.	20	44	32	13
Apr.	62	73	40	16
May	47	62	36	11
June	91	47	34	11
July	73	55	41	14
Aug.	65	41	18	12
Sept.	67	36	12	13
Oct.	60	36	16	9
Nov.	74	40	9	10
Dec.	<u>63</u>	<u>28</u>	<u>19</u>	<u>11</u>
	732	584	263	147

New Mexico State B

	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>
Jan.	10	7	10	8
Feb.	10	9	6	8
Mar.	9	5	6	7
Apr.	3	4	4	6
May	8	2	4	5
June	5	3	6	6
July	5	5	6	2
Aug.	8	5	4	4
Sept.	7	3	4	4
Oct.	10	4	7	5
Nov.	5	7	5	7
Dec.	<u>8</u>	<u>7</u>	<u>6</u>	<u>7</u>
	88	61	68	69

	<u>1974</u>
Jan.	4
Feb.	7
Mar.	5
Apr.	8
May	5
June	5
July	<u>5</u>
	39

ARTESIA FIELD
EDDY COUNTY, NEW MEXICO
ANADARKO NEW MEXICO STATE

BEFORE EXAMINER NUTTER	
OIL CONSERVATION COMMISSION	
C	EXHIBIT NO. <u>8</u>
CASE NO. <u>5356 - 5357</u>	<u>1948</u> <u>1949</u>

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>
Jan.	447	230	0	86
Feb.	206	202	193	0
Mar.	448	173	200	155
Apr.	431	0	137	0
May	374	165	0	152
June	148	417	192	98
July	326	184	0	70
Aug.	355	221	211	76
Sept.	217	0	83	57
Oct.	184	172	82	88
Nov.	0	198	101	110
Dec.	<u>186</u>	<u>225</u>	<u>76</u>	<u>60</u>
	3322	2187	1275	952

	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Jan.	65	37	39	35
Feb.	63	49	39	30
Mar.	0	56	42	35
Apr.	105	48	31	50
May	56	42	39	21
June	0	57	43	58
July	112	39	32	36
Aug.	73	41	41	34
Sept.	0	46	38	36
Oct.	91	37	36	33
Nov.	56	40	32	14
Dec.	<u>56</u>	<u>26</u>	<u>34</u>	<u>25</u>
	677	518	446	407

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
Jan.	22	22	29	23
Feb.	14	28	24	21
Mar.	22	23	22	18
Apr.	8	31	23	21
May	57	25	26	20
June	15	26	23	24
July	30	31	27	25
Aug.	27	23	18	20
Sept.	27	27	21	19
Oct.	33	25	23	26
Nov.	24	18	21	14
Dec.	<u>25</u>	<u>2</u>	<u>20</u>	<u>22</u>
	304	281	277	253

Jan.	
Feb.	
Mar.	
Apr.	
May	
June	
July	
Aug.	
Sept.	
Oct.	
Nov.	
Dec.	
	<u>1958</u>
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	18
	<u>21</u>
	256

	<u>1959</u>
	17
	18
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	25
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	21
	12
	<u>19</u>
	226

	<u>1960</u>
	20
	18
	15
	37
	10
	21
	16
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	15
	16
	<u>18</u>
	222

	<u>1961</u>
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	21
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	23
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	<u>17</u>
	200

Jan.	
Feb.	
Mar.	
Apr.	
May	
June	
July	
Aug.	
Sept.	
Oct.	
Nov.	
Dec.	
	<u>1962</u>
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	<u>5</u>
	198

	<u>1963</u>
	20
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	16
	15
	<u>2</u>
	193

	<u>1964</u>
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	13
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	200

	<u>1965</u>
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	14
	<u>22</u>
	199

Jan.	
Feb.	
Mar.	
Apr.	
May	
June	
July	
Aug.	
Sept.	
Oct.	
Nov.	
Dec.	
	<u>1966</u>
	8
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	21
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	13
	<u>18</u>
	175

	<u>1967</u>
	13
	15
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	14
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	12
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	15
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	14
	<u>17</u>
	180

	<u>1968</u>
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	12
	<u>13</u>
	176

	<u>1969</u>
	14
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	14
	16
	<u>14</u>
	194

New Mexico State C

	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>
Jan.	14	17	14	13
Feb.	14	14	13	14
Mar.	16	14	12	11
Apr.	17	13	17	13
May	15	17	11	11
June	18	14	6	11
July	14	14	15	11
Aug.	15	15	12	14
Sept.	15	9	11	7
Oct.	13	14	14	6
Nov.	12	12	13	7
Dec.	<u>12</u>	<u>14</u>	<u>15</u>	<u>8</u>
	175	167	153	126

	<u>1974</u>
Jan.	8
Feb.	7
Mar.	2
Apr.	12
May	14
June	3
July	<u>10</u>
	56

ARTESIA FIELD
EDDY COUNTY, NEW MEXICO
ANADARKO NEW MEXICO STATE

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
D _____ EXHIBIT NO. 9
CASE NO. 5356 - 5357

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>
Jan.	420	206	199	111
Feb.	663	226	368	0
Mar.	650	411	216	164
Apr.	882	328	226	122
May	359	143	138	84
June	413	128	0	115
July	301	208	372	102
Aug.	430	439	188	90
Sept.	347	174	212	0
Oct.	208	0	199	79
Nov.	206	586	139	33
Dec.	<u>426</u>	<u>230</u>	<u>132</u>	<u>29</u>
	5305	3079	2389	929

	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Jan.	43	36	29	39
Feb.	42	25	37	33
Mar.	49	30	35	38
Apr.	30	45	35	44
May	45	39	33	33
June	43	24	35	50
July	42	38	31	30
Aug.	46	31	37	33
Sept.	0	35	32	30
Oct.	69	24	28	25
Nov.	33	37	35	0
Dec.	<u>37</u>	<u>33</u>	<u>33</u>	<u>22</u>
	479	397	400	377

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
Jan.	22	19	36	48
Feb.	26	25	22	50
Mar.	28	21	36	31
Apr.	28	25	27	49
May	12	23	38	63
June	25	27	36	55
July	30	27	46	81
Aug.	23	27	37	68
Sept.	24	29	47	111
Oct.	28	27	56	123
Nov.	25	25	57	100
Dec.	<u>18</u>	<u>28</u>	<u>50</u>	<u>88</u>
	289	303	488	867

New Mexico State D

	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>
Jan.	96	103	108	62
Feb.	109	91	66	80
Mar.	65	74	92	101
Apr.	98	87	78	61
May	99	14	62	72
June	62	77	84	89
July	100	97	35	73
Aug.	76	99	91	89
Sept.	63	100	51	78
Oct.	78	108	19	64
Nov.	73	65	79	56
Dec.	<u>82</u>	<u>116</u>	<u>51</u>	<u>69</u>
	1001	1031	816	894
	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Jan.	61	51	0	20
Feb.	47	74	9	34
Mar.	64	89	43	26
Apr.	65	8	45	19
May	37	19	38	60
June	73	88	22	44
July	90	94	39	29
Aug.	46	13	35	23
Sept.	56	0	30	26
Oct.	18	12	45	0
Nov.	31	85	24	56
Dec.	<u>75</u>	<u>75</u>	<u>36</u>	<u>25</u>
	663	608	366	362
	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Jan.	26	22	66	74
Feb.	26	26	47	75
Mar.	36	71	67	90
Apr.	27	44	60	76
May	28	38	72	52
June	29	127	66	29
July	5	0	64	68
Aug.	29	36	66	51
Sept.	0	64	60	101
Oct.	16	74	56	85
Nov.	32	51	60	83
Dec.	<u>40</u>	<u>80</u>	<u>58</u>	<u>51</u>
	294	633	742	835

New Mexico State D

	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>
Jan.	86	103	85	8
Feb.	72	89	78	42
Mar.	48	88	53	54
Apr.	80	76	78	39
May	80	80	80	63
June	72	77	83	61
July	83	83	80	14
Aug.	78	79	58	8
Sept.	83	83	61	36
Oct.	86	67	33	43
Nov.	66	82	11	41
Dec.	<u>86</u>	<u>77</u>	<u>8</u>	<u>43</u>
	920	984	708	452

	<u>1974</u>
Jan.	8
Feb.	17
Mar.	14
Apr.	15
May	46
June	15
July	<u>18</u>
	133

ARTESIA FIELD
EDDY COUNTY, NEW MEXICO
ANADARKO NEW MEXICO STATE

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 10

CASE NO. 5356 - 5357

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>
Jan.	760	114	358	176
Feb.	558	194	320	74
Mar.	553	328	350	298
Apr.	444	173	176	175
May	324	264	331	168
June	516	297	184	171
July	319	373	367	155
Aug.	340	468	480	167
Sept.	178	351	359	175
Oct.	183	298	132	154
Nov.	131	337	365	173
Dec.	<u>181</u>	<u>387</u>	<u>271</u>	<u>162</u>
	4487	3584	3693	2048

	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Jan.	136	137	114	0
Feb.	132	117	90	0
Mar.	161	105	123	0
Apr.	136	116	88	0
May	0	83	108	0
June	184	103	108	88
July	171	88	106	67
Aug.	139	92	102	76
Sept.	95	121	96	58
Oct.	120	91	101	46
Nov.	126	97	55	44
Dec.	<u>121</u>	<u>118</u>	<u>0</u>	<u>83</u>
	1521	1268	1091	462

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
Jan.	60	87	106	130
Feb.	0	85	90	109
Mar.	34	93	88	136
Apr.	83	102	99	125
May	61	98	97	125
June	75	96	119	124
July	64	105	100	96
Aug.	81	99	106	112
Sept.	81	112	85	109
Oct.	87	101	144	108
Nov.	86	96	127	102
Dec.	<u>84</u>	<u>103</u>	<u>137</u>	<u>101</u>
	796	1177	1298	1377

New Mexico State E

	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>
Jan.	113	64	59	51
Feb.	67	73	55	7
Mar.	90	73	51	60
Apr.	88	63	25	52
May	102	84	69	64
June	75	42	67	47
July	99	92	45	70
Aug.	91	63	67	70
Sept.	87	44	43	45
Oct.	90	74	28	80
Nov.	62	64	62	61
Dec.	<u>89</u>	<u>18</u>	<u>49</u>	<u>78</u>
	1053	754	620	685

	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Jan.	88	86	119	111
Feb.	68	108	93	117
Mar.	82	104	26	85
Apr.	74	92	83	148
May	94	90	111	89
June	77	103	81	122
July	93	93	108	66
Aug.	88	92	80	92
Sept.	64	0	57	90
Oct.	110	91	107	111
Nov.	72	97	12	74
Dec.	<u>104</u>	<u>53</u>	<u>76</u>	<u>136</u>
	1014	1009	953	1241

	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Jan.	117	79	111	131
Feb.	78	67	126	119
Mar.	104	113	130	136
Apr.	78	108	121	119
May	121	95	133	124
June	99	114	126	138
July	96	112	122	102
Aug.	104	132	121	135
Sept.	99	128	129	135
Oct.	104	99	118	105
Nov.	117	127	125	192
Dec.	<u>111</u>	<u>124</u>	<u>119</u>	<u>83</u>
	1228	1298	1481	1519

Jan.	<u>1970</u>
Feb.	72
Mar.	129
Apr.	92
May	96
June	145
July	124
Aug.	129
Sept.	140
Oct.	102
Nov.	134
Dec.	132
	<u>122</u>
	1417

<u>1971</u>
79
124
114
122
126
123
100
109
101
109
101
101
<u>87</u>
1295

<u>1972</u>
87
82
80
89
79
84
61
77
45
67
75
<u>81</u>
907

<u>1973</u>
71
63
66
78
54
27
61
86
46
69
70
<u>72</u>
763

Jan.	<u>1974</u>
Feb.	72
Mar.	43
Apr.	54
May	39
June	17
July	46
	<u>64</u>
	335

ARTESIA FIELD
EDDY COUNTY, NEW MEXICO
ANADARKO NEW MEXICO STATE

BEFORE EXAMINER MUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 11
CASE NO. 5356 - 5357

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>
Jan.	1340	784	525	710
Feb.	923	488	646	677
Mar.	847	652	628	815
Apr.	692	555	534	714
May	953	794	479	536
June	855	521	437	697
July	909	647	1007	710
Aug.	750	708	846	704
Sept.	734	521	1066	651
Oct.	645	657	770	749
Nov.	569	799	848	739
Dec.	<u>694</u>	<u>559</u>	<u>675</u>	<u>684</u>
	9911	7685	8461	8386

	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Jan.	568	568	585	382
Feb.	519	561	334	346
Mar.	741	564	507	398
Apr.	524	565	476	362
May	391	529	378	372
June	783	374	531	295
July	523	545	384	323
Aug.	747	554	450	223
Sept.	714	553	415	246
Oct.	544	643	418	280
Nov.	572	536	401	411
Dec.	<u>566</u>	<u>489</u>	<u>411</u>	<u>536</u>
	7192	6481	5290	4174

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
Jan.	456	252	313	261
Feb.	432	191	294	260
Mar.	380	183	305	269
Apr.	444	88	306	190
May	361	264	267	276
June	425	317	279	233
July	546	320	292	282
Aug.	471	413	260	258
Sept.	471	391	306	193
Oct.	492	384	290	94
Nov.	415	356	280	180
Dec.	<u>338</u>	<u>324</u>	<u>285</u>	<u>182</u>
	5231	3483	3477	2678

New Mexico State F

	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>
Jan.	184	204	208	172
Feb.	203	208	126	115
Mar.	196	236	174	172
Apr.	182	39	135	150
May	193	24	232	157
June	89	0	198	144
July	258	140	227	131
Aug.	188	188	91	170
Sept.	182	156	9	160
Oct.	226	192	75	166
Nov.	154	206	190	148
Dec.	<u>231</u>	<u>164</u>	<u>149</u>	<u>77</u>
	2286	1757	1814	1762
	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Jan.	74	202	192	198
Feb.	113	169	173	150
Mar.	183	159	190	137
Apr.	151	56	174	199
May	96	43	177	161
June	72	1	165	189
July	86	141	131	151
Aug.	106	248	103	195
Sept.	141	161	152	156
Oct.	144	214	166	236
Nov.	180	173	193	190
Dec.	<u>153</u>	<u>158</u>	<u>161</u>	<u>194</u>
	1499	1725	1977	2156
	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Jan.	194	199	141	241
Feb.	154	27	143	103
Mar.	215	194	168	77
Apr.	213	165	157	251
May	163	232	172	281
June	208	221	181	237
July	182	160	199	234
Aug.	195	207	202	250
Sept.	169	229	174	200
Oct.	276	218	203	245
Nov.	217	212	163	214
Dec.	<u>215</u>	<u>215</u>	<u>172</u>	<u>220</u>
	2401	2279	2075	2553

New Mexico State F

	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>
Jan.	209	209	204	191
Feb.	196	194	174	139
Mar.	199	210	195	203
Apr.	191	197	176	161
May	190	206	156	196
June	181	188	199	101
July	188	190	173	122
Aug.	187	164	180	192
Sept.	188	194	187	151
Oct.	195	208	147	178
Nov.	192	198	165	149
Dec.	<u>202</u>	<u>192</u>	<u>228</u>	<u>187</u>
	2318	2350	2184	1970

	<u>1974</u>
Jan.	190
Feb.	156
Mar.	149
Apr.	181
May	128
June	129
July	<u>168</u>
	1101

ARTESIA FIELD
EDDY COUNTY, NEW MEXICO
ANADARKO NEW MEXICO STATE

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 12
CASE NO. 5356 - 5357

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>
Jan.	385	150	0	121
Feb.	522	189	124	89
Mar.	366	182	176	194
Apr.	291	176	360	69
May	425	171	222	122
June	165	0	330	115
July	171	172	188	76
Aug.	167	141	287	91
Sept.	165	0	183	0
Oct.	144	190	153	149
Nov.	132	157	115	80
Dec.	<u>123</u>	<u>105</u>	<u>105</u>	<u>539</u>
	3056	1633	2243	1645
	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Jan.	591	257	237	244
Feb.	414	279	218	177
Mar.	300	278	226	223
Apr.	487	261	248	153
May	199	256	216	206
June	376	270	230	244
July	304	268	229	86
Aug.	290	316	229	175
Sept.	467	219	210	217
Oct.	278	278	218	108
Nov.	264	277	207	136
Dec.	<u>294</u>	<u>259</u>	<u>234</u>	<u>242</u>
	4264	3218	2702	2211
	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
Jan.	216	221	58	182
Feb.	187	202	40	185
Mar.	197	201	59	204
Apr.	213	147	56	200
May	105	184	99	204
June	138	178	204	174
July	200	97	205	190
Aug.	209	80	218	102
Sept.	210	151	236	246
Oct.	230	57	174	204
Nov.	199	52	262	165
Dec.	<u>204</u>	<u>54</u>	<u>202</u>	<u>206</u>
	2308	1624	1813	2262

New Mexico State G

	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>
Jan.	187	61	23	70
Feb.	160	26	25	64
Mar.	186	36	50	59
Apr.	170	32	48	73
May	143	34	40	114
June	196	30	0	70
July	138	43	57	75
Aug.	109	40	64	82
Sept.	203	19	52	68
Oct.	156	25	20	67
Nov.	121	26	43	92
Dec.	<u>88</u>	<u>22</u>	<u>70</u>	<u>0</u>
	1857	394	492	834

	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Jan.	53	86	92	54
Feb.	85	36	69	57
Mar.	49	75	51	42
Apr.	78	71	67	56
May	71	9	83	71
June	52	78	39	47
July	74	76	77	28
Aug.	72	22	64	56
Sept.	35	0	71	46
Oct.	65	70	77	41
Nov.	80	74	28	52
Dec.	<u>51</u>	<u>54</u>	<u>44</u>	<u>40</u>
	765	651	762	590

	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Jan.	45	35	28	18
Feb.	25	175	0	22
Mar.	17	34	27	23
Apr.	34	56	29	20
May	19	7	27	22
June	52	25	23	20
July	27	31	27	23
Aug.	45	28	27	19
Sept.	24	28	21	21
Oct.	49	31	17	21
Nov.	37	30	17	18
Dec.	<u>36</u>	<u>29</u>	<u>22</u>	<u>20</u>
	410	509	265	247

New Mexico State G

	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>
Jan.	19	13	11	3
Feb.	17	9	12	5
Mar.	17	19	10	12
Apr.	18	14	13	13
May	19	18	18	12
June	13	15	17	11
July	18	18	26	12
Aug.	18	12	20	11
Sept.	18	13	17	10
Oct.	14	15	18	6
Nov.	16	13	5	9
Dec.	<u>17</u>	<u>11</u>	<u>4</u>	<u>8</u>
	204	170	171	112

	<u>1974</u>
Jan.	10
Feb.	8
Mar.	9
Apr.	16
May	9
June	17
July	<u>16</u>
	85

FIELD: Artesia
LEASE/UNIT: New Mexico State A

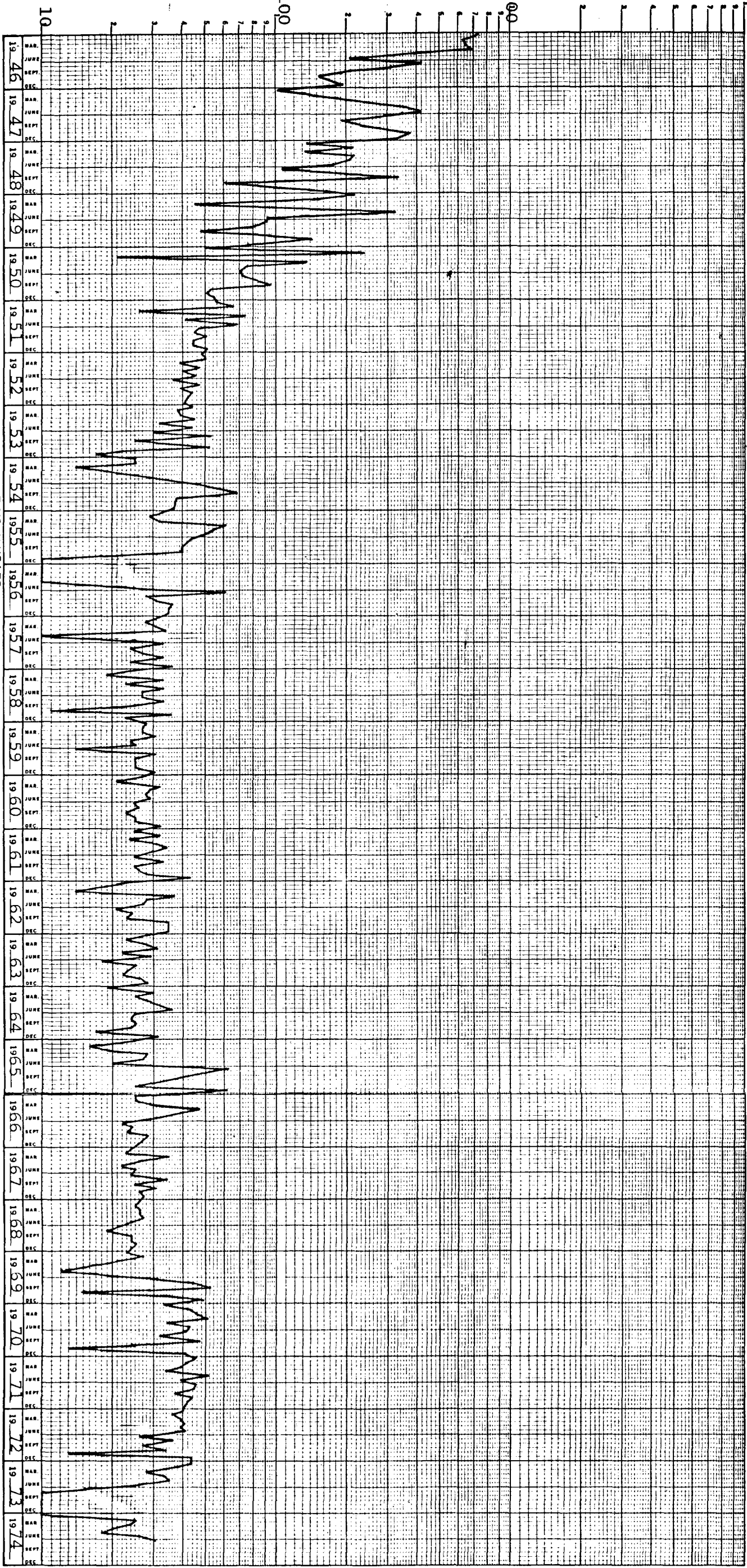
RESERVOIR: _____
PERFS: _____

STATE: New Mexico
OPERATOR: Anadarko Production Co.

NO. WELLS: _____

CO./PH. _____

LOCATION: _____



ACCT. CODE NO. _____

LEASE NAME _____

WELL NO. _____

WELL NO. _____

FIELD: Artesia

RESERVOIR: _____

STATE: New Mexico

LEASE/UNIT: New Mexico State B

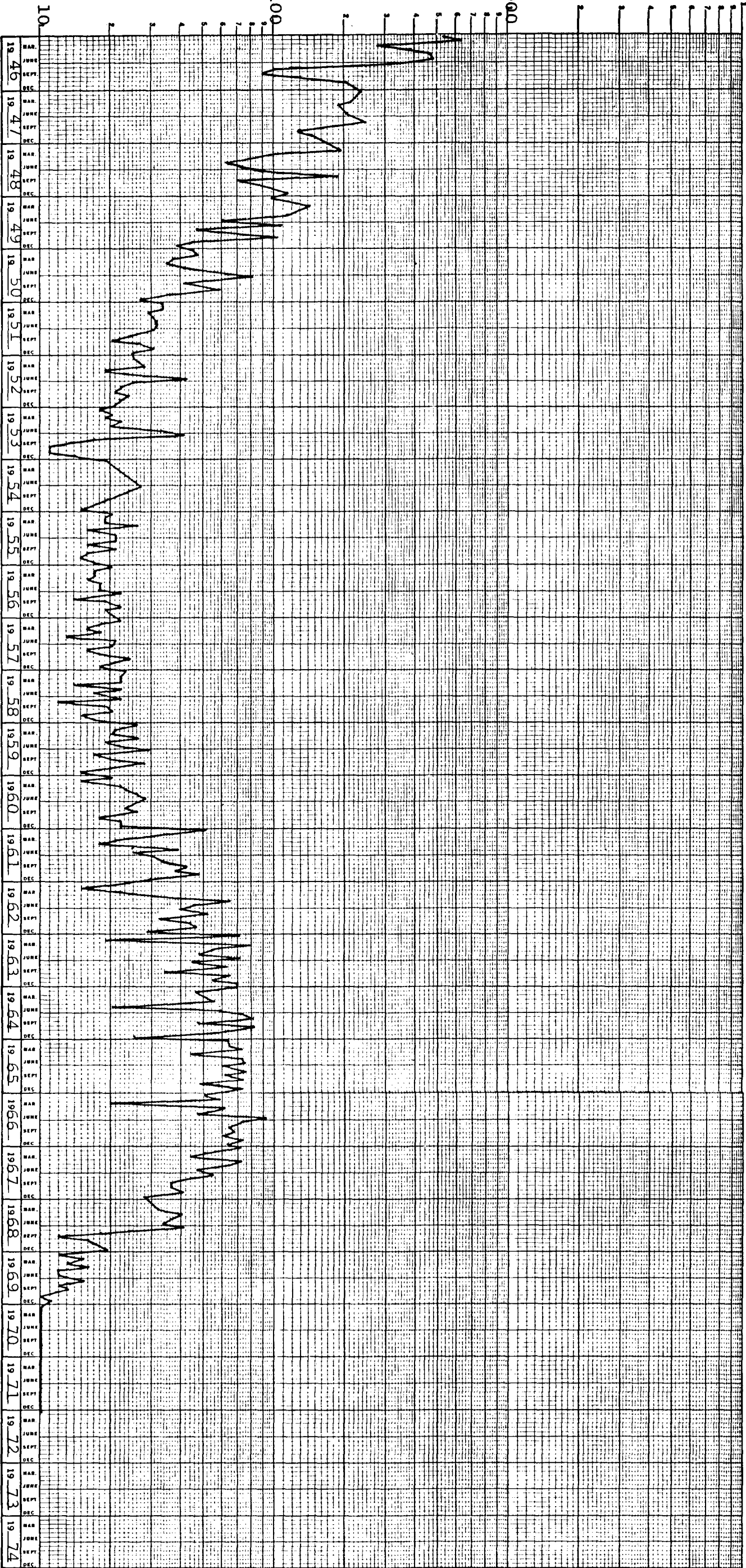
PERFS: _____

OPERATOR: Anadarko Production Co.

NO. WELLS: _____

CO./PH: _____

LOCATION: _____



ACCT. CODE NO. _____ LEASE NAME _____ TIME IN YEARS _____ WELL NO. _____

FIELD: Artesia
LEASE/UNIT: New Mexico State C

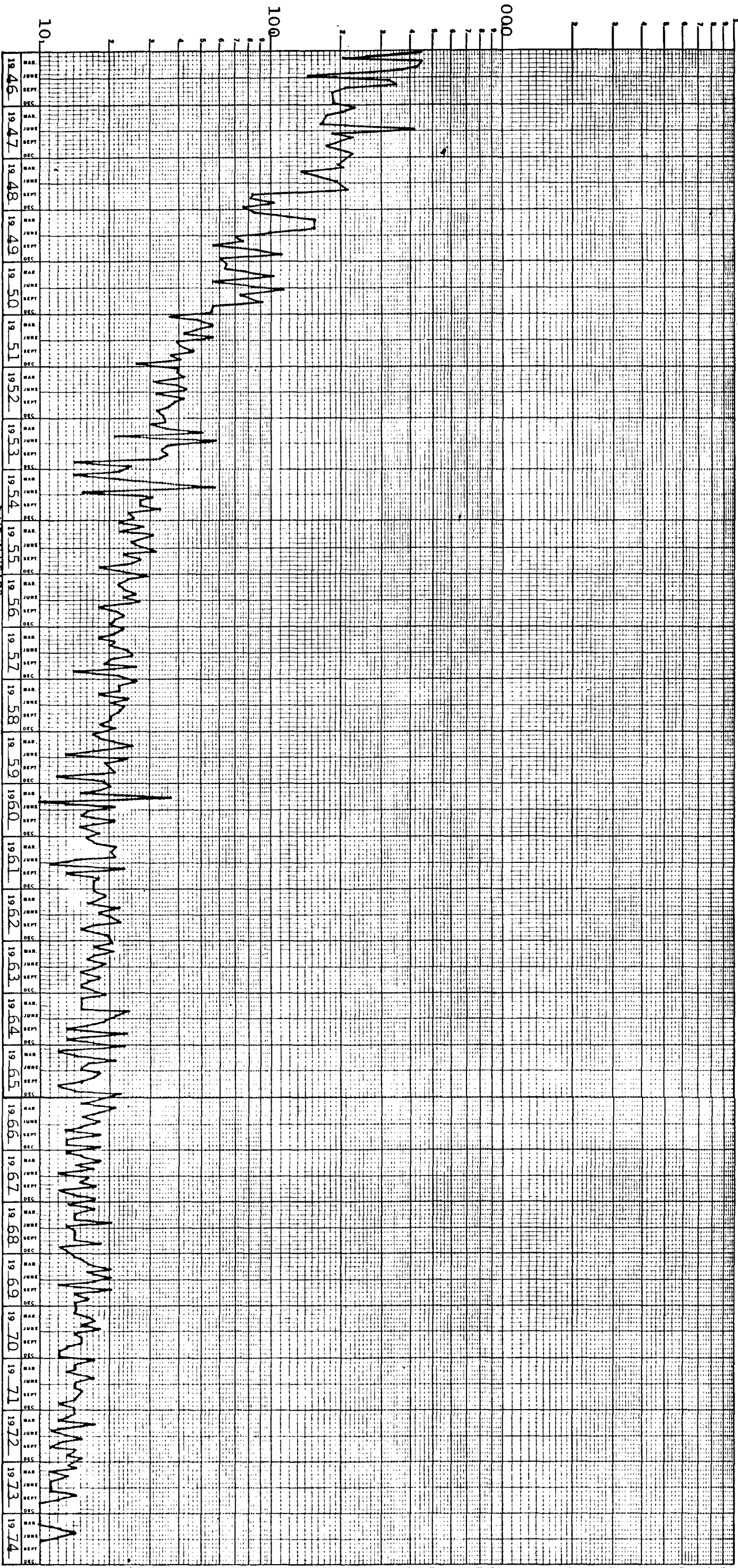
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PERFS: _____

STATE: New Mexico
OPERATOR: Anadarko Production Co.

NO. WELLS: _____

CO./PH. _____

LOCATION: _____



ACCT. CODE NO. _____ LEASE NAME _____ WELL NO. _____

FIELD: Artesia

RESERVOIR: _____

STATE: New Mexico

LEASE/UNIT: New Mexico State D

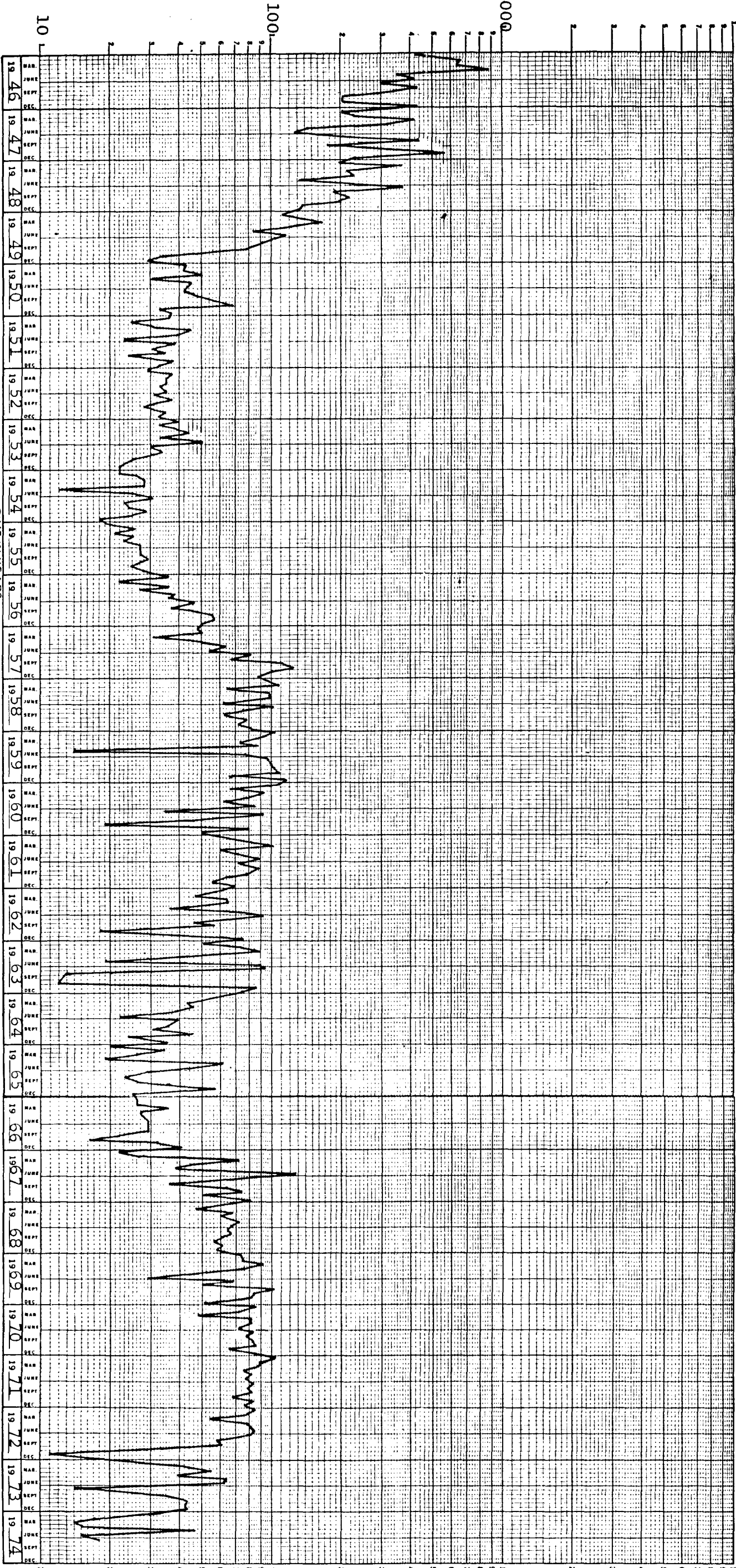
PERMS: _____

OPERATOR: Anadarko Production Co.

NO. WELLS: _____

CO./PH. _____

LOCATION: _____



ACCT. CODE NO. _____

LEASE NAME _____

WELL NO. _____

WELL NO. _____

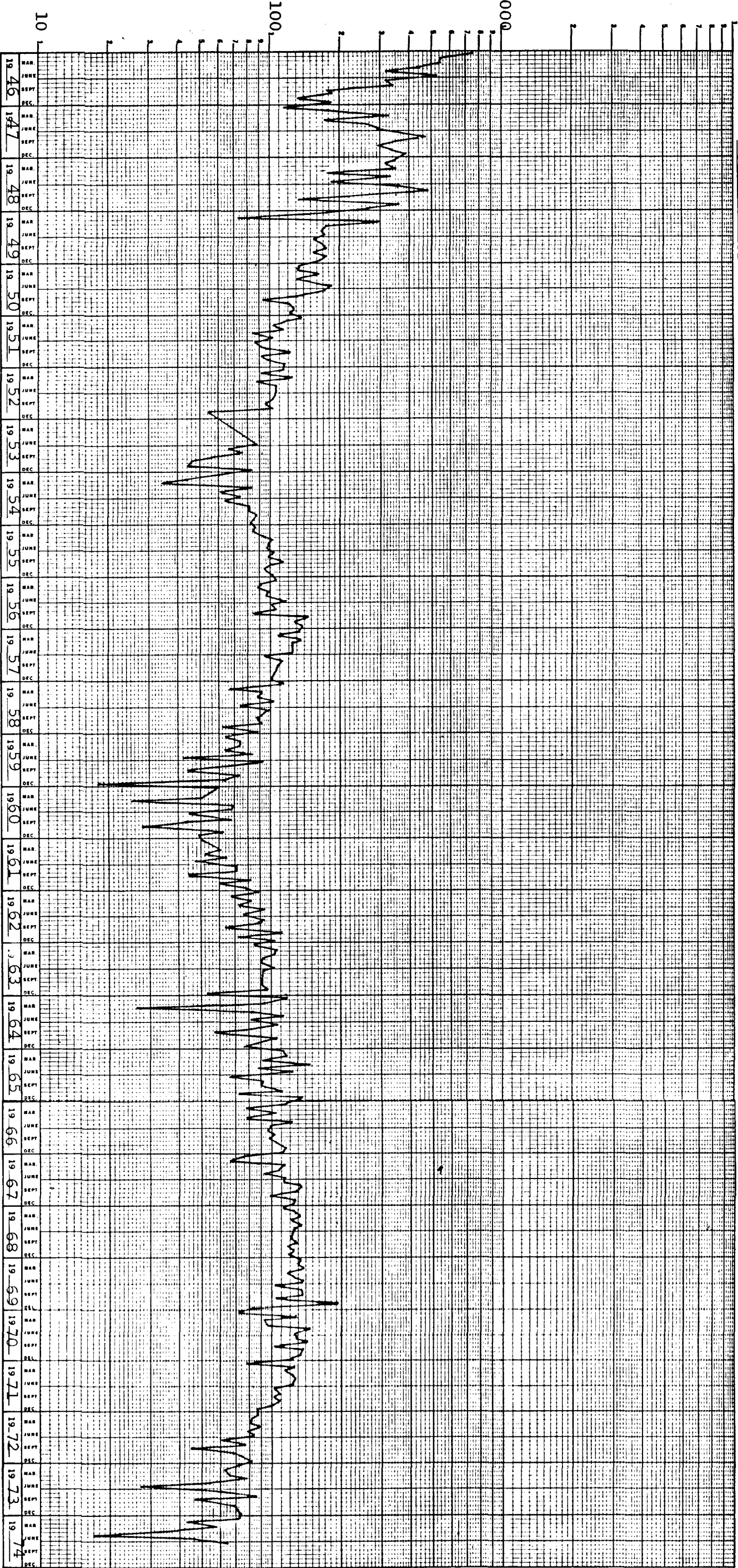
FIELD: Artesia
LE SE/UNIT: New Mexico State E

RESERVOIR: _____
PERFS: _____
CO./PH: _____

STATE: New Mexico
OPERATOR: Anadarko Production Co.
LOCATION: _____

NO. WELLS: _____

BBLs. OR MCF PER



ACCT. CODE NO. _____

LEASE NAME _____

WELL NO. _____

WELL NO. _____

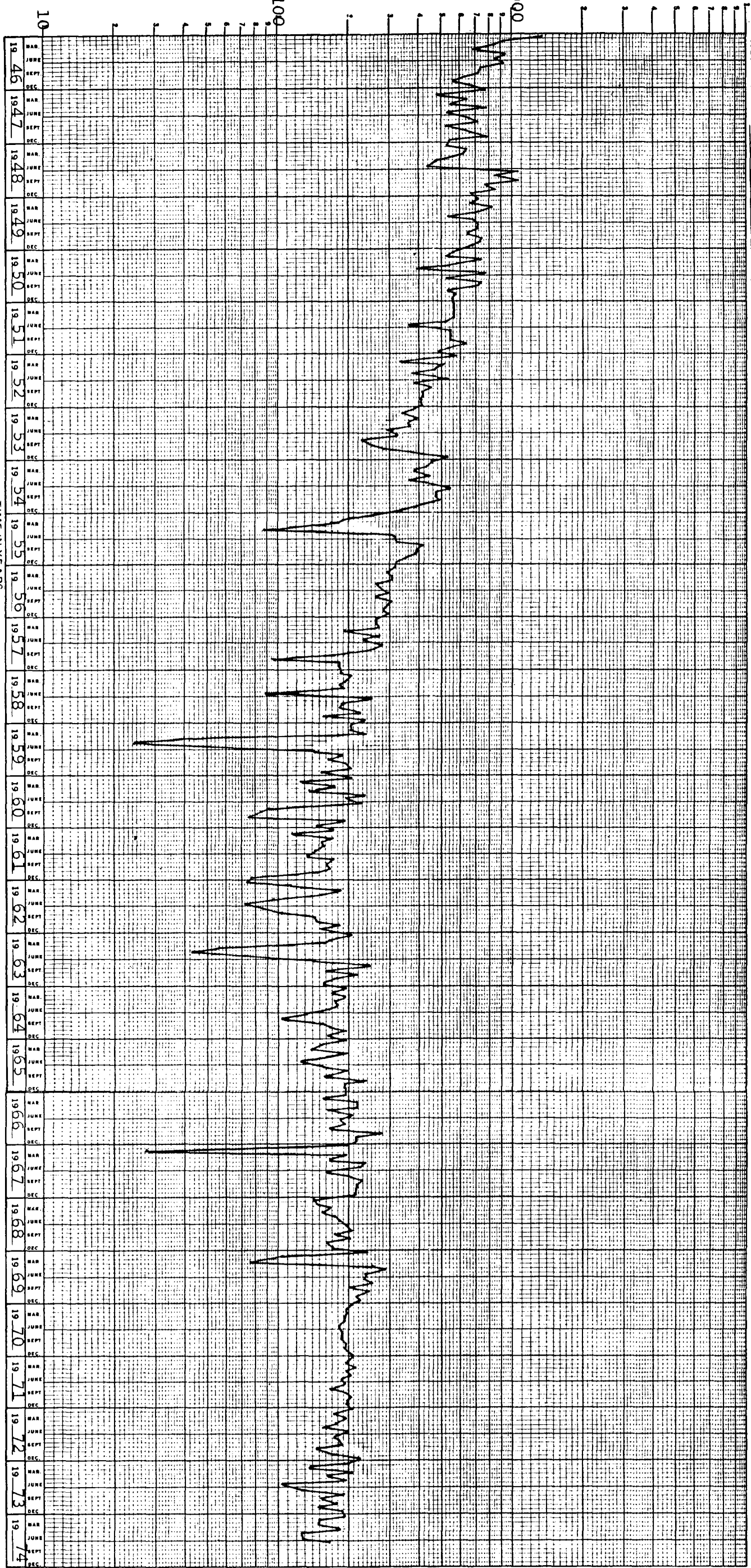
FIELD: Artesia
LEASE/UNIT: New Mexico State F

RESERVOIR: _____
PERFS: _____

STATE: New Mexico
OPERATOR: Anadarko Production Co.

NO. WELLS: _____
CO./PH: _____

LOCATION: _____



ACCT. CODE NO. _____

LEASE NAME _____

WELL NO. _____

WELL NO. _____

FIELD: Artesia

RESERVOIR: _____

STATE: New Mexico

LEASE/UNIT: New Mexico State G

PERFS: _____

OPERATOR: Anadarko Production Co.

NO. WELLS: _____

CO./PH. _____

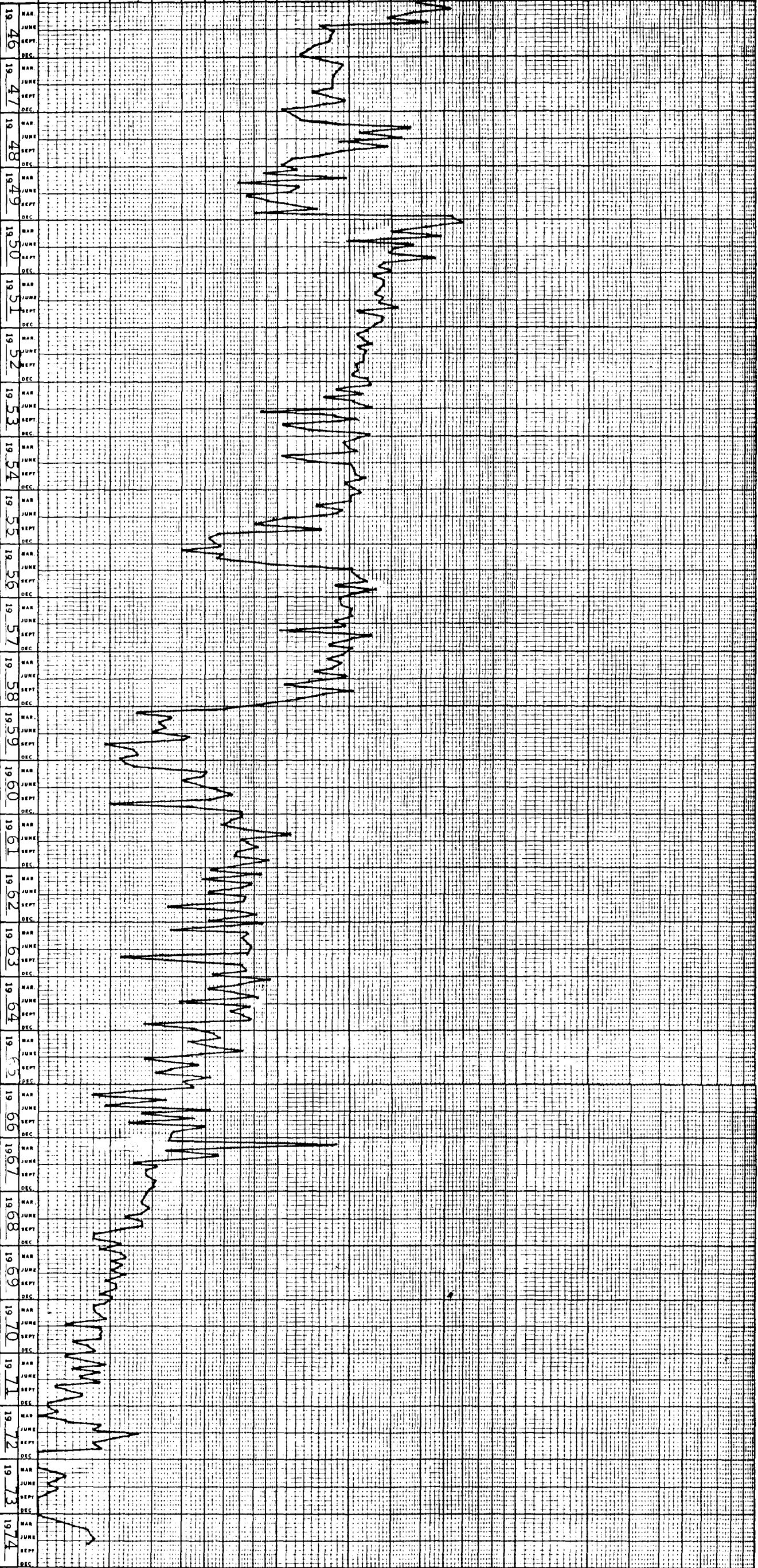
LOCATION: _____

BBLs. OR MCF PER

1,000

100

10



ACCT. CODE NO. _____

LEASE NAME _____

TIME IN YEARS

WELL NO. _____

WELL NO. _____

FIELD: Artesia

RESERVOIR:

STATE: New Mexico

LEASE/UNIT: New Mexico State

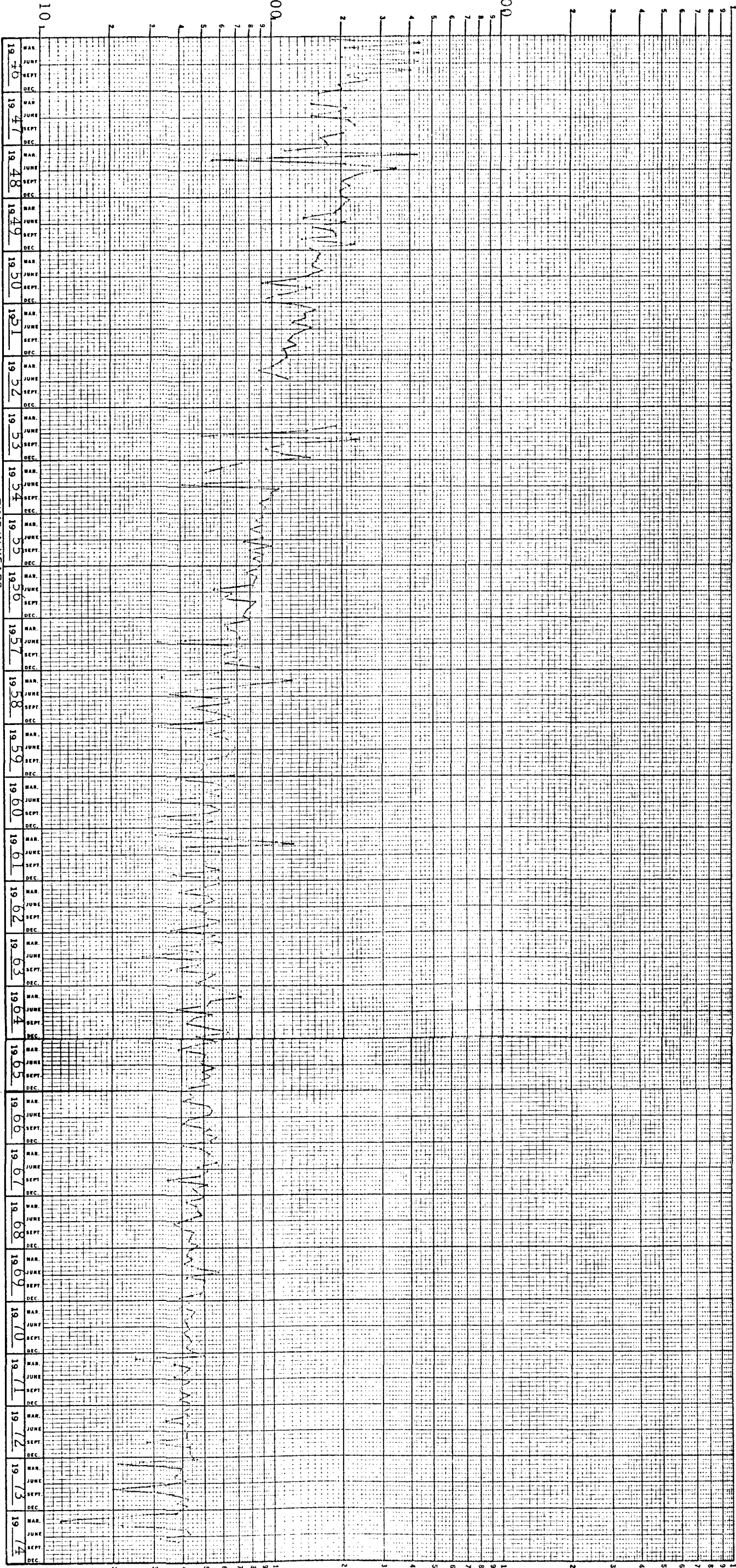
PERFS:

OPERATOR: Anadarko Production Co.

NO. WELLS:

CO./PH.

LOCATION:



ACCT. CODE NO. LEASE NAME WELL NO.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 13
CASE NO. 5356 - 5357



Gamma Ray Neutron

FILE NO.

COMPANY ANADARKO PRODUCTION COMPANYWELL N. M. STATE "F" NO. 12FIELD ARTESIACOUNTY EDDY STATE NEW MEXICO

LOCATION:

990' FNL & 1650' FELSEC 23 TWP 18-S RGE 27-E

Other Services

CALIPER

Permanent Datum GROUND LEVEL Elev. 3510Log Measured from G. L. 0 Ft. Above Permanent DatumDrilling Measured from G. L.

Elevations:

KB

DF

GL 3510

Date	<u>5-15-73</u>	<u>5-15-73</u>	
Run No.	<u>ONE</u>	<u>ONE</u>	
Type Log	<u>G/R-N/E</u>	<u>CALIPER</u>	
Depth-Driller	<u>1901</u>	<u>1901</u>	
Depth-Logger	<u>1896</u>	<u>1896</u>	
Bottom Logged Interval	<u>1895</u>	<u>1895</u>	
Top Logged Interval	<u>SURFACE</u>	<u>400</u>	
Type Fluid in Hole	<u>OIL</u>	<u>OIL</u>	
Salinity Ppm Cl.			
Density Lb./Gal.			
Level	<u>725</u>	<u>725</u>	
Max. Rec. Temp. Deg. F			
Opr. Rig Time	<u>3 HOURS</u>	<u>1 1/2 HOURS</u>	
Recorded By	<u>TURNBULL</u>	<u>TURNBULL</u>	
Witnessed By	<u>MR. BELL</u>	<u>MR. BELL</u>	

Run No.	Bore Hole Record			Casing Record			
	Bit	From	To	Size	Wgt.	From	To
<u>1</u>				<u>8"</u>		<u>SURF.</u>	<u>487</u>
<u>1</u>	<u>8 1/4"</u>	<u>487</u>	<u>1901</u>				