



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
1000 RIO BRAZOS RD. - AZTEC

87410

DIRECTOR
JOE D. RAMEY

LAND COMMISSIONER
PHIL R. LUCERO



STATE GEOLOGIST
EMERY C. ARNOLD

MEMORANDUM

5-25-77

TO: INTERESTED PARTIES
FROM: N. E. MAXWELL, JR., ENGINEER, DIST. #3
PROJECT: MESAVERDE INFILL WELL DATA, REPORT #4

Attached is a compilation of data on the Mesaverde Infill completion program thru 5-20-77. Operator, well name and location are given. The initial shut-in is tabulated and CAOF where available. The average 1976 pressure of the four wells offset to each infill well has been tabulated and the latest shut-in pressure (P_c) and Q rate for the infill well is shown.

Test data for 53 wells, received since 2-22-77 show that these infill wells had an average initial shut-in pressure (P_c) of 777# while their offsets only had 461#. A difference of 316#.

Sixteen of the new completions or 30% were in Township 26 North, Range 3 West; Township 26 North, Range 7 West; Township 27 North, Range 3 West and Township 29 North, Range 6 West. The 16 infill wells had an average P_c of 978#. The remaining 37 new infill wells only had an average P_c of 689#.

503 infill locations have appeared on our scout letter. As of 5-20-77, 306 infill wells have been completed.

All infill wells have been numbered according to the dates they appeared on the scout letter.

- #1 - #105 appeared during 1975
- #106- #214 appeared during 1976
- #215- #306 have been shown on the scout letters for 1977.

Our records show Mesa Petroleum Corporation, State Com #10-A located in 0-29N-8W to be the first infill completion on 1-16-75, carried on scout letter 2-27-75.

MESAVERDE INFILL WELLS

COMPLETIONS	NO. OF WELLS	INITIAL AVE. SIP	LATEST TEST P_c	Q	1976 OFFSET P_c
1975	105	678	510	905	474
1976	109	758	636	1114	479
1977 thru May	<u>92</u>	<u>764</u>	<u>588*</u>	<u>838*</u>	<u>461</u>
TOTAL	306	732	571	993	452

*1977 test data available on 20 infill wells completed in 1977 thru May 20.

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Case No. 5994 Exhibit No. 11
Blackwood & Nichol
 Filed Date 11-10-77

Exhibit #11