

State 1-2 Well No. 1
1980' FNL & 660' FWL of Section 2, T-19-S, R-32-E
Lea County, New Mexico

Well History

- 10/82 - 9/83 - State 1-2 No. 1 is drilled and cased to total depth 13,670' in the Morrow Formation. Various intervals in the Morrow 13,250' - 13,587' are perforated, tested, and abandoned dry below bridge plugs. Successful gas well completion is made in the Morrow from perforations 13,171' - 13,220'; CAOF 931 MCFD, 60.9 mcf/bbl on 9/6/83, classified as North Lusk Morrow Pool, 320 acre spacing.
- 12/85 - 4/86 - Morrow is depleted and abandoned below a bridge plug. Well is recompleted in the East Lusk Wolfcamp Pool as an oil well on 40 acre spacing. Initial potential (pumping) is 7 BOPD, 32 BWPD, GOR 2429 from perforations 10,546' - 10,550' on 4/2/86.
- 7/86 - 8/86 - Well production declines to 2 BOPD and additional perforations are added to the Wolfcamp to improve productivity. Final test on well 8/4/86 is 2 BOPD, 9 BWPD, trace of gas from perforations 10,546' - 10,670'.
- 2/87 - 4/87 - Wolfcamp is abandoned below a bridge plug and well is recompleted in the Bone Springs. Perforations 10,060' - 10,114' test wet and are squeezed off below a cement retainer. Remaining perforations 8145' - 9251' are fracture treated. Initial potential (pumping) is 3 BOPD, 34 BWPD, GOR 2666 on 4/9/87.

Bone Springs Production History

<u>Month</u>	<u>Oil (bbl)</u>	<u>Water (bbl)</u>	<u>Gas (mcf)</u>
February	5	14	37
March	71	195	106
April	17	47	21
May	42	116	70
June	8	22	5

Before Dr. J. H. Stogner
OIL CONSERVATION DIVISION
Exhibit No. Phillips EX 2
Case No. 2147