

RESERVOIR ENGINEERING

JOHN C. BYERS BYERS ENGINEERING CO. LUBBOCK NATIONAL BANK BLDG. SUITE 6E P. D. BOX 6308 LUBBOCK, TEXAS 79413



October 21, 1981

The New Mexico Oil Conservation Commission P.O. Box 2088 Santa Fe, New Mexico 87501

> J. R. Cone No.2 Anderson Re: Drinkard Pool Lea County, New Mexico Unit I, Section 21, T21S R37E

Gentlemen:

The referenced well was recompleted from the Wantz Abo to the Blinebry oil and gas field in February, 1961. It produced from this reservoir as a single completion through November, 1974. It was then recompleted in the Drinkard Pool through perforations at 6,530' to 6,667'. During this recompletion all Blinebry perforations were squeezed with cement.

At the time of recompletion from the Blinebry, this well had produced 20,525 barrels of crude oil from that reservoir and was producing at the rate of less than 2 barrels of oil per day, with gas/oil ratio approximately 22,800 to 1. Through August of this year the well has produced 5,039 barrels of crude oil from the Drinkard and is currently producing an average 3 barrels of oil per day at a gas/oil ratio of some 50,700 to 1.

Attached hereto is Oil Conservation Division Form C-101 and C-102, pertaining to this well and proposals that we are putting forth here. In addition, we are supplying curves representing the nature of production from 1970 through August, 1981, both from the Blinebry and Drinkard of this well.

As set out in Form C-101, it is proposed that this well be plugged back from the Drinkard through the use of a retrievable bridge plug, the Blinebry be re-opened, stimulated, and tested to a re-potential. After potential test, it is proposed that under the authority of the Oil Conservation Commission, we be granted permission to remove the bridge plug separating Blinebry and Drinkard, such that the two zones may be commingled for the purpose of production.

President has been set for commingling of the Blinebry and the Drinkard in the immediate area of this well in several New Mexico Oil Conservation Commission Page -2-

applications in the past. We hereby respectively request that the Oil Conservation Commission give due consideration to this request for future commingling of the two zones in this well in order that commercial rates of production may be reestablished, the corelative rights of the interest owners be protected and that conservation of natural resources may be promoted.

Your consideration of this request is sincerely appreciated. If any additional data is required, please call upon us and we will promptly supply the same.

Yours very truly, fin ohn C. Byers

Enclosures

JCB:bp

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cc: New Mexico Oil Conservation Commission Hobbs, New Mexico

> J. R. Cone P.O. Box 10217 Lubbock, Texas 79408

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This well presently producing Drinkard Pool oil and gas from perforations 6530'-6667', produciton curve attached. It was recompleted from Blinebry Gas (now oil & gas) to Drinkard on 1/8/75.

Propose to plug back with retrievable bridge plug, set at 6200'+, perforate Blinebry in the interval 5718'-5960', stimulate with acid and fracture with gel water and sand. Re-potenial Blinebry.

After Blinebry potential test, it is proposed by attached letter to remove the bridge plug and commingle production from Drinkard with that of Blinebry.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRA Five zone. Give blowout preventer program, if am	ME IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON	PRESENT PRODUCTIVE ZONE AND PROPOSED NEW P
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OIL CONSERVATION DIVISION DISTRICT I

OIL CONSERVATION DIV	VISION	DATE November 2, 1981
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I have examined the	application for the:	•
J. R. Cone	Anderson	No. 2-I 21-21-37
Operator	Lease and Well N	lo. Unit, S - T - R
and my recommendation	ons are as follows:	
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