

PETROLEUM GEOLOGIST
RESERVOIR ENGINEERING

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

October 21, 1981



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

Re: J. R. Cone No.2 Anderson
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
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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 correlative 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,



John C. Byers

Enclosures

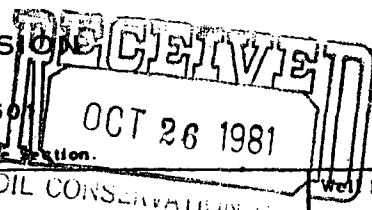
JCB:bp

cc: New Mexico Oil Conservation Commission
Hobbs, New Mexico

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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501



Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

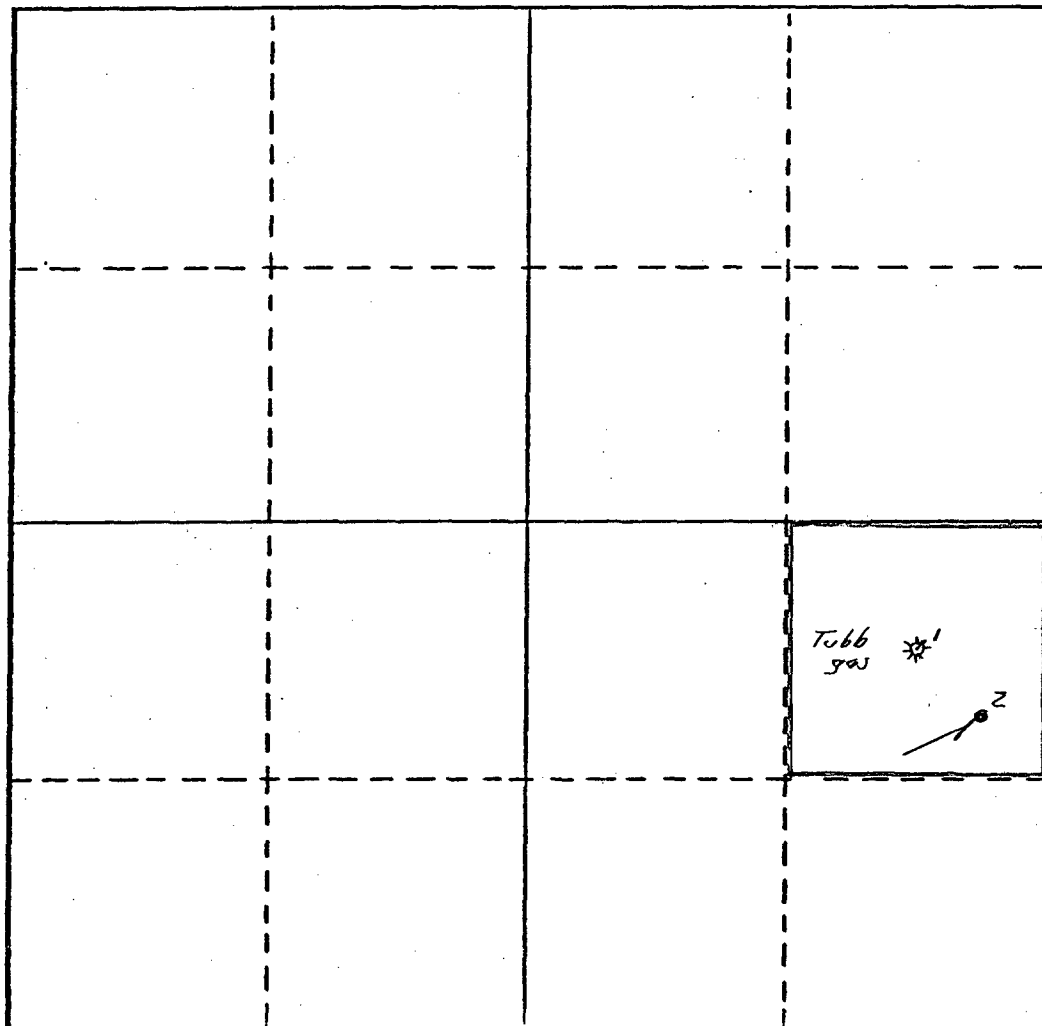
Operator J. R. Cone		Lease Anderson		Well No. 2	
Unit Letter I	Section 21	Township 21S	Range 37E	County Lea	
Actual Footage Location of Well: 1650 feet from the South line and 330 feet from the East line of Section					
Ground Level Elev. 3425	Producing Formation Drinkard	Pool Drinkard		Dedicated Acreage: 30 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) none - Fee Lease

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

John C. Byers
Name **John C. Byers**
Position **Engineer**
Company **J. R. Cone**
Date **10/20/81**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor

Certificate No. _____

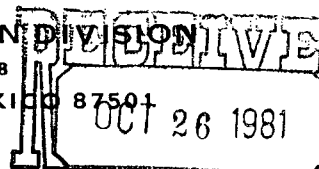


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501



Form C-101
Revised 10-1-78

3. Indicate Type of Lease

STATE ☐

FEE ☒

4. State Oil & Gas Lease No.

OIL CONSERVATION DIVISION
SANTA FE

NO. OF COPIES RECEIVED	
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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. Type of Well

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. Name of Operator

J. R. Cone

3. Address of Operator

P.O. Box 10217, Lubbock, Texas 79408

4. Location of Well

UNIT LETTER I

LOCATED 1650

FEET FROM THE South

LINE

AND 330

FEET FROM THE

East

LINE OF SEC. 21

TWP. 21S

RGE. 37E

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Anderson

9. Well No.

2

10. Field and Pool, or Wildcat

Drinkard

12. County

Lea

19. Proposed Depth

19A. Formation

20. Rotary or C.T.

Blinebry

21. Elevations (Show whether DF, RT, etc.)

3435' DF

21A. Kind & Status Plug. Bond

21B. Drilling Contractor

22. Approx. Date Work will start

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
9 3/4	8 5/8	32	2789		
7 3/4	5 1/2	20	7368		

This well presently producing Drinkard Pool oil and gas from perforations 6530'-6667', production 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-potential 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 PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

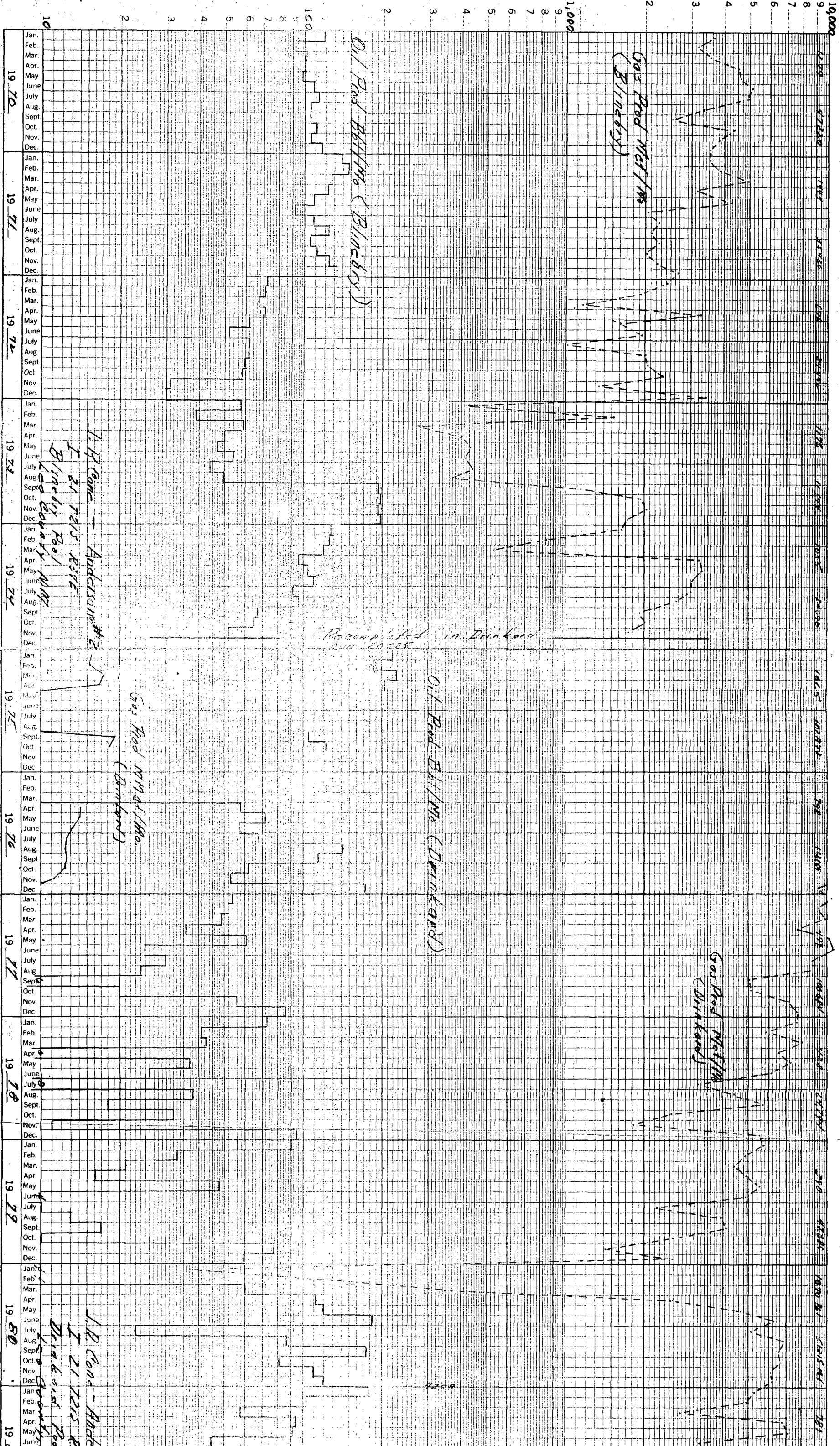
Signed John R. Cone Title Engineer

Date 10/20/81

(This space for State Use)

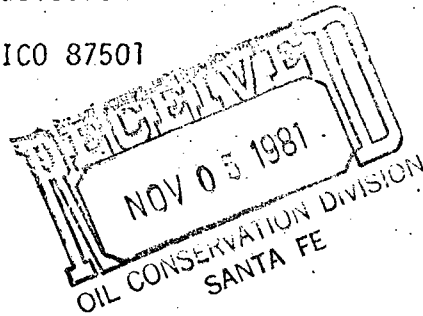
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501



DATE November 2, 1981

RE: Proposed MC _____
Proposed DHC X _____
Proposed NSL _____
Proposed NSP _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application for the:

J. R. Cone	Anderson	No. 2-I	21-21-37
Operator	Lease and Well No.	Unit, S - T - R	

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,

/mc