

PETROLEUM GEOLOGIST
RESERVOIR ENGINEERING

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

TELEPHONE
(806) 762-0489

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.

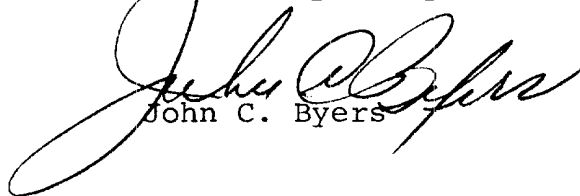
As set out in Form C-101, it is proposed that this well be plugged back from the Drinkard through the use of a retrievable bridge plug, the Blinebry be re-opened, stimulated, and tested to a re-potential. After potential test, it is proposed that under the authority of the Oil Conservation Commission, 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

applications in the past. We hereby respectfully 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-101
Revised 10-1-78

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

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator J. R. Cone		8. Farm or Lease Name Anderson
3. Address of Operator P.O. Box 10217, Lubbock, Texas 79408		9. Well No. 2
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>21</u> TWP. <u>21S</u> RGE. <u>37E</u> NMPM		10. Field and Pool, or Wildcat Drinkard
		12. County Lea
		19. Proposed Depth 19A. Formation Blinebry
21. Elevations (Show whether DF, RT, etc.) 3435' DF		20. Rotary or C.T.
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start

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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

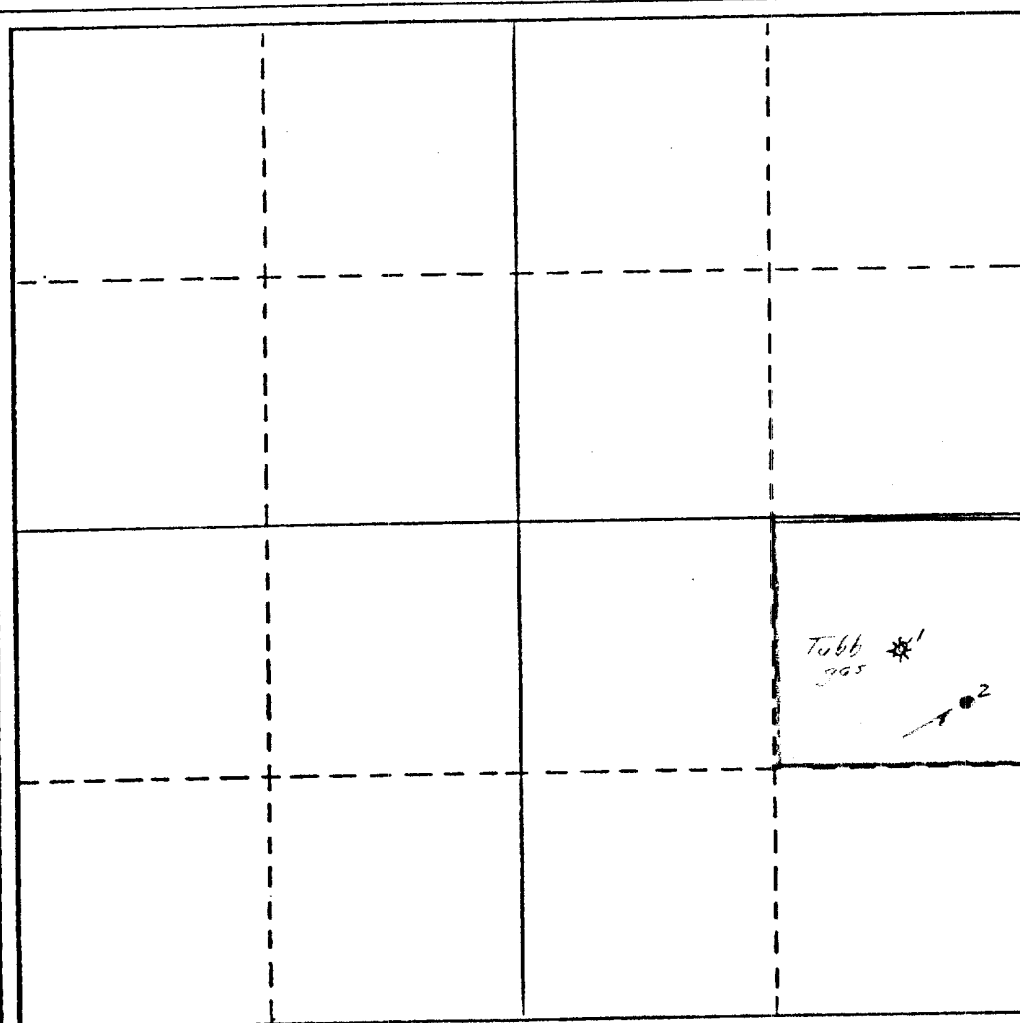
Operator J. R. Cone			Lease Anderson		Well No. 2
Unit Letter I	Section 21	Township 21S	Range 37E	County Lea	
Actual Footage Location of Well: 1650 feet from the South line and 330 feet from the East line of Section					
Ground Level Elev. 3425	Producing Formation Drinkard		Pool Drinkard		Dedicated Acreage: 40 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.

Name

John C. Byers

Position

Engineer

Company

J. R. Cone

Date

10/20/81

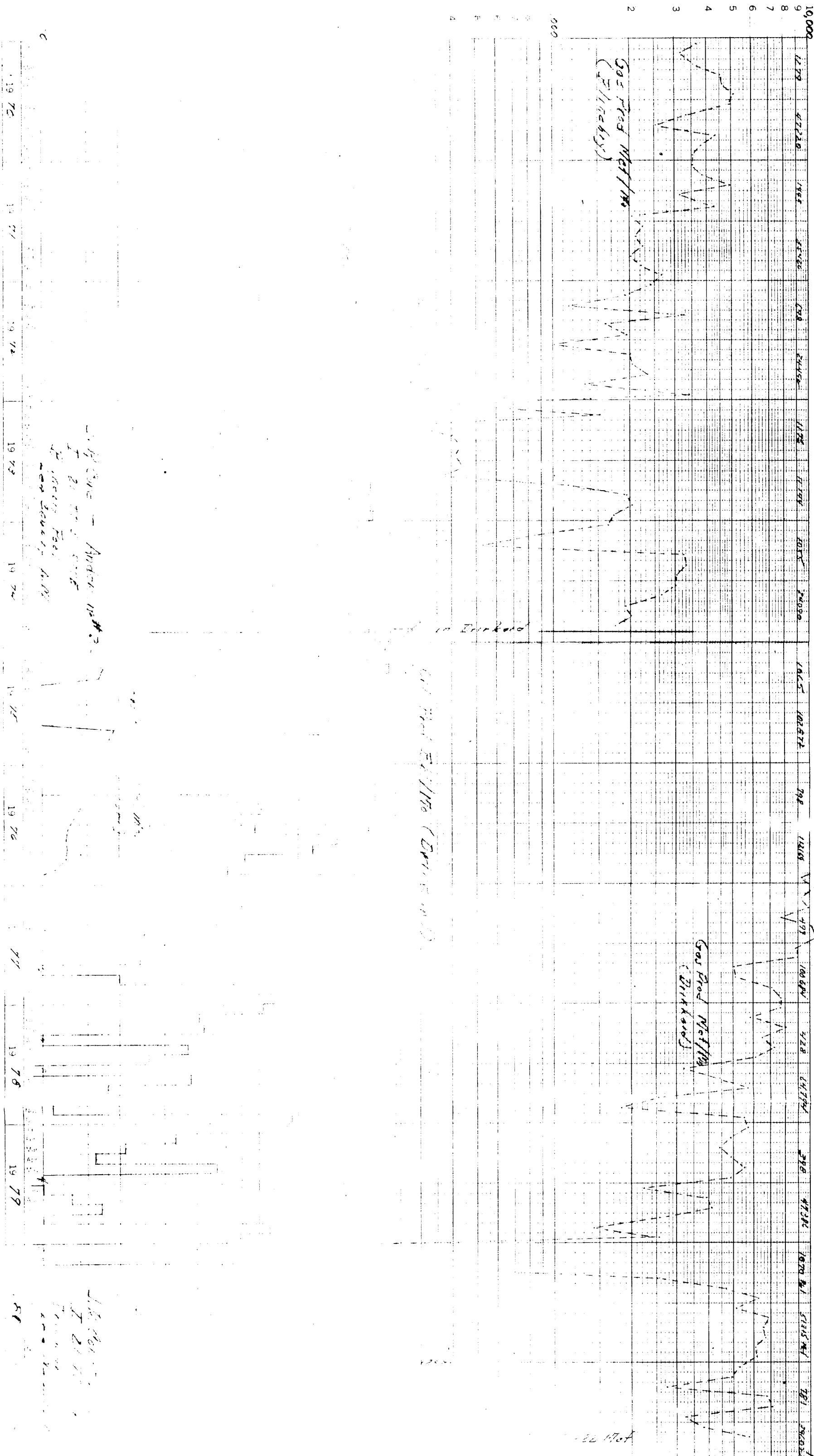
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

0 330 660 90 1320 1650 1980 2310 2640 2000 1500 1000 500 0



1970 - 1971
1972 - 1973
1974 - 1975
1976 - 1977
1978 - 1979

1970 - 1971
1972 - 1973
1974 - 1975
1976 - 1977
1978 - 1979