

ALPHA TWENTY-ONE PRODUCTION COMPANY

505/395-3056

POST OFFICE BOX 1206
JAL. NEW MEXICO 88252

August 24, 1982

Santa Fe, NM

State of New Mexico
Oil Conservation
SANTA FE
P.O. Box 2088

ATTN: Joe D. Ramey, Director

87501

RE: Werta Federal No. 1 Sec. 35, T-19-S, R-38-E, Lea County, New Mexico

Gentlemen:

Alpha Twenty-One Production Company requests administrative approval to commingle, downhole, the Drinkard and Tubbs zones in the above referenced well. Both of the zones require artificial lift and neither zone produces more water than the combined oil limit. Enclosed you will find a copy of Form 116 for each of the above zones and a copy of Form C-102 for your files.

We started completing the well in January 1982 as follows:

- 1-23-82 Completed the Drinkard section by perforating from 7008 7072 with 14 perfs and acidized with 4150 gals. MOD-202 acid.
- 3-29-82 Frac well with 40,000 gals. frac fluid and 480 sx sand.
- 5-24-82 Set RBP @ 6900' and completed the Tubbs section by perforating from 6675 6775 with 17 perfs and acidized with 4100 gals. 15% NE acid.
- 6-30-82 Frac well with 50,000 gals. frac fluid and 300 SCF frac fluid with 765 sx sand.

We completed the Drinkard for 17 bbls oil, 120 MCF, and 24 bbls water per day; the Tubbs for 8.28 bbls oil, 40 MCF, and 20 bbls water per day. Estimated bottom hole pressure for the Drinkard is 278 PSI; for the Tubbs is 246 PSI.

SEP 10 1982
OIL CONS

Application to Commingle Werta Federal No. 1
-Page 2-

August 24, 1982

Pennzoil

P.O. Drawer 1828 Midland, TX 79702

ATTN: Deb Skelton

Drinkard Oil	Tubbs 0il	Commingled Oil
39 Gravity	38 Gravity	38.67 Gravity
\$36/bb1	\$36/bb1	\$36/bb1

We propose to use the following formula in allocating our production:

- a.) Tubbs daily oil production divided by total daily oil production equals % of oil per day allocated to the Tubbs formation. Example: 8.28 BOPD divided by 24.98 BOPD equals 33.1% of oil produced per day allocated to the Tubbs formation.
- b.) Drinkard daily oil production divided by total daily oil production equals % of the BOPD allocated to the Drinkard formation. Example: 16.70 BOPD divided by 24.98 BOPD equals 66.9% of the oil produced daily allocated to the Drinkard formation.

The United States Geological Survey was notified, in writing, of our proposed commingling August 6, 1982. Also the following offset operators have been notified of our intent to commingle the Drinkard and Tubbs zones:

North American Royalties Exxon Company USA
Phillips Petroleum MGF Oil Company
Amoco Getty Oil Company

If you desire anything further, please contact me.

Sincerely,

Steven J. MCCormick Technical Advisor

SJM/tic Enclosures

cc: Oil Conservation Division

P.O. Box 1980 Hobbs, NM 88240 ATTN: Mr. J.T. Sexton

Alpha Twenty-One Corporation 2100 First National Bank Building Midland, TX 79701 ATTN: Mr. Tom Phipps

ENERGY NO MINERALS DEPARTMENT STATE OF NEW MEXICO

Form C-116 Revised 10-1-78

GAS - OIL RATIO TESTS

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• ,	Report casing pressure in lieu of tubing pressure for any well producing through casing. Hall original and one copy of this report to the district office of the New Mexico Oli Conservation D Bute 301 and appropriate pool rules.	No well will be essigned an allowable greater than the amount of all produced on the official test. During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable lecated by more than 21 percent. Operator is encouraged to take advantage of this 25 percent telerance in or secrepsed allowables when suthorized by the Division. Gas volumes must be reported in MCF measured at a pressure base of 15.023 pala and a temporature of unit be 0.60.		Werta Federal	LEASE NAME	P.O. Box 1206, Jal,	Alpha Twenty-One Production
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ENERGY AND MINERALS DEPARTMENT STATE OF NEW MEXICO

SANTA FE, NEW MEXICO 87501 P. O. BOX 2018

Form C-116 Revised 10-1-78

GAS-OIL RATIO TESTS

Operator			Pool	-						County	<u>}</u>						1
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Werta Federal		0	35	198	38E	7-20-82	д	32/64	Pump	Request	24	20	38	8.28	40	4831/1	I
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Holl original and ane copy of this report to the district office of the New House Oli Conservation Division in accordance with Rale 181 and apprepriate pool rules.

Report casing pressure in liou of tubing pressure for any wall producing through casing.

Steve McCormickSignature) (Tide) Technical Advisor

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE. NEW MEXICO 87501

Form C-102

All distances must be from the outer boundaries of the Section. eralor 1.0000 Well No. Alpha Twenty-One Production Company to <u>Werta Federal</u> Section County nit Letter Township Flance 0 38-E Lea 19-S ctual Footage Location of Well: 2310 feet from the East line and feet from the South round Level Elev. Producing Formation Dedicated Acreage: 3577' GL Drinkard/Tubbs House Drinkard/Undesig. Tubbs 40 Actes 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.). 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 Szeve McCormick Technical Advisor Position Alpha Twenty-One Prod. Co. Company August 24, 1982 Date I hereby certify that the well location shown on this plat was platted 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. 1370 1660 1984 2310 2640 2000 1500 1000 50Q

OIL CONSERVATION DIVISION DISTRICT I

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OIL CONSERVATION DIVISI P. O. BOX 2088	ION	DATESeptember 28, 1982
SANTA FE, NEW MEXICO 87	7501	RE: Proposed MC
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	OIL CONSERVATION DI	
Gentlemen:	SALVA CONTRACTOR	
I have examined the app	olication for the:	•
Alpha Twenty-One Produ	uction Co. Werta Fed Lease and Well	leral #1 0 35-19-38 No. Unit, S - T - R
and my recommendations	and as follows:	
and my recommendations	are as fortows:	
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0.KJ.S.		
Yours very truly,		
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