OIL CONSERVATION DIVISION DISTRICT 1

OIL CONSERVATION DIVISION P. O. BOX 2088	DATE	Mary	2%	1980
SANTA FE, NEW MEXICO 87501	· RE :	Proposed Proposed Proposed	DHC	×
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		Proposed		
Gentlemen:	•			
I have examined the application for				
Marathon allo Mar Operator Lease a	tec Egnek ind Well No.	<i># 6- F</i> Unit, S -	/ - T - R	72-37
and my recommendations are as follo	ws:			
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Yours very truly,		<u></u>		
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Houstor. vision Production Operations, U.S. & Canada



P.O. Box 2409 Hobbs, New Mexico 88240 Telephone 505/393-7106

May 22, 1980

Mr. Joe D. Ramey Energy and Minerals Department Oil Conservation Division P.O. Box 2088 Santa Fe, NM 87501

Re: Application of Marathon Oil Company for Approval of Down-Hole Commingling of Production in the Walter Lynch No. 6 (Unit F, Sec. 1-22S-37E), Drinkard and Wantz Granite Wash Oil Pools, Lea County, New Mexico.

Dear Mr. Ramey:

Marathon Oil Company requests your administrative approval for an exception to Rule 303-A to permit downhole commingling of production in the subject well from the Drinkard and Wantz Granite Wash Pools.

Currently, the Drinkard zone is flowing and the Wantz Granite Wash zone is being produced with a pumping unit. Both zones are classified as oil zones. Ownership of the two zones is common. The total daily oil production from both zones before commingling does not exceed 50 Barrels per day. Neither zone produces more water than the combined oil limit. Upon approval to down-hole commingle, both zones will be produced with a pumping unit.

Additional information concerning this application as outlined in Rule 303-C is attached for your consideration.

Very truly yours,

Patrick Burton

Patrick N. Burton Production Engineer

PNB:1bp

Enclosure

Rule 303 C-2 Information

- A. Operator: Marathon Oil Company P.O. Box 2409 Hobbs, NM 88240
- B. Lease: Walter Lynch No. 6 Unit F. Sec. 1, T-22S, R-37E Lea County, New Mexico
- C. Well is completed in the Drinkard and Wantz Granite Wash pools as a dual completion per Administrative Order MC-2244.
- D. C-116 dated 5-20-80 for Drinkard zone and C-116 dated 5-20-80 for the Wantz Granite Wash are attached.
- E. Production curves for both the Drinkard and Wantz Granite Wash zones are attached.
- F. Bottom Hole Pressure Data:

Drinkard: Datum - 6403' Pressure at Datum 1254 PSI* Wantz Granite Wash: Datum - 3900' Pressure at Datum 1390 PSI*

- G. Fluid Characteristics: There is no evidence of incompatibility in fluids.
- H. Valve of Commingled Fluids: Drinkard and Wantz Granite Wash production have been surface commingled on this Lease per Administrative Order PC-534, dated October 15, 1976. Since production is already commingled on the surface, downhole commingling will not affect the price.
- I. All offset operators have been notified by a copy of this application:

City Services Company	P.O. Box 1919	Midland, Texas 79702
Exxon Corp.	P.O. Box 1600	Midland, Texas 79701
Sun Oil Co.	P.O. Box 1861	Midland, Texas 79702
Gulf Oil Co.	P.O. Box 670	Hobbs, New Mexico 88240
Getty Oil Co.		Hobbs, New Mexico 88240
Arco Oil and Gas Co.	P.O. Box 1710	Hobbs, New Mexico 88240

*Estimates based on most recent abailable BHP data within vicinity of well.



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WELL-DATA SHEET FIELD ____ Drinkard LEASE & WELL NO.____ Walter Lynch #6 LOCATION Unit F, S-1, T-22S, R-37E COUNTY & STATE Lea County, New Mexico STATUS Pumping Granite Wash, Flowing Drinkard (Pumping, Flowing, Gas-Lift, etc.) 9-5/8", 36# set TD 7491 'PBTD . 7473' DF/KB_3364' at 1250' CL 3353' SURFACE CASING 9-5/8" 361b/ft set @ 1251' with 650 sx Class C cement. • INTERMEDIATE CASING Upper . • Short String 2-3/8"_ Drinkard set to 6605 6319'-6382' PRODUCTION CASING 7", 23 1b/ft set @ 7490' with .2 stage cement job. Irst Stage- 350 sx lite + 700 sx Class C Long String 2-3/8" set to 7300' 50/50 Pox. 2nd Stage- 2400 sx Class C. Lower Drinkard 6670'-7266' Baker Parallel Anchor @6605' TUBING 2-3/8" tubing 4.7 lb/ft J-55 in both strings · Baker 7" Model A-2 Lokset Pkr.@ 7300' Wantz 7", 23# set RODS ... 7/8" and 3/4" rods to 7490' Granite Wash -PBTE 7473' 7404'-PUMPING UNIT 320 pumping unit 7455' · ~ . (PRESENT COMPLETION TD 7491' Wantz Granite Wash- 7404'-7455' (Formation & Interval) Lower Drinkard- .6670'-7266'. Upper Drinkard- 6319'-6382'. HISTORY Drilled 11/75 PREPARED BY DATE . .

N <u>ج</u> ARCO YNCH MARATHOM S U.N. 721 A. CHRISTMAS SUN TATE PADDOCK SCL R-37-E ပံ H. Note: Only Drinkard & Wantz Granite Wash Wells are shown PENROSE .B. JONES WALTER LYNCH WELL NO, 6 Unit <u>F</u> Sec <u>1</u>, T22S, R37E Lea County, New Mexico Legend: Scale 1" = 1000' MARATHON OIL COMPANY if Drinkard/Granite Wash -슜 Wantz Granite Wash Ø Drinkard 42/0