

Rec'd 5/31

Gulf Oil Exploration and Production Company

C. D. Borland
PRODUCTION MANAGER, HOBBS AREA

May 24, 1978

P. O. Box 670
Hobbs, NM 88240

Re: Vinson Ramsay (NCT-B) No. 7, Unit J,
Section 36-25S-37E, Lea County, New
Mexico, Request Administrative Approval
to Commingle Down-Hole the Justis
Blinebry and Justis Tubb-Drinkard Pools

CERTIFIED MAIL -
RETURN RECEIPT REQUESTED

DHC - 245
Due - 6/20/78

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

Dear Sir:

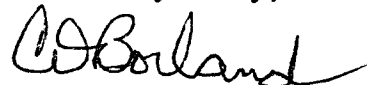
Your administrative approval is requested for an exception to Rule 303-A to permit down-hole commingling of production in the subject well from the Justis Blinebry and the Justis Tubb Drinkard (commingled in surface storage by Administrative Order PC-15). Production from the same two pools is presently being commingled down-hole in Gulf's Arnott-Ramsay (NCT-F) No. 11 by Order No. DHC-48 and Gulf's Vinson Ramsay (NCT-B) No. 8 by Order No. DHC-239. There is no evidence of fluid incompatibility and we do not expect any reservoir damage due to down hole commingling in the well bore. Ownership in the two pools is common and correlative rights will not be violated.

Currently, this well utilizes a dual pumping unit installation. If down-hole commingling is permitted, the existing pumping equipment on the Justis Tubb Drinkard will be utilized to lift the fluids from the two commingled zones. We propose to tube the well through the Justis Tubb Drinkard zone and keep the well pumped down to prevent crossflow between the two zones.

If downhole commingling is permitted, Gulf will consult with the Supervisor of the Hobbs District Office of the Commission to determine an allocation formula.

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

Yours very truly,



C. D. BORLAND

Attachments
LBI/dch

cc: Energy and Minerals Department, OCC, P.O. Box 1980, Hobbs, NM 88240
Tenneco Oil Company, 1200 Lincoln Tower, Denver, CO 80203
Maralo Inc., P. O. Box 832, Midland, TX 79701

Getty Oil Company, P.O. Box 1231, Midland, TX 79701

Shell Oil Company, P.O. Box 1509, Midland, TX 79701

Union Texas Petroleum Corporation, 1300 Wilco Building, Midland, TX 79701

Atlantic Richfield Company, P.O. Box 1610, Midland, TX 79701

Marathon Oil Company, P. O. Box 2409, Hobbs, NM 88240

C.F. Kalteyer, Gulf Oil Exploration & Production Co, P.O. Box 1150, Midland, TX 79701



A DIVISION OF GULF OIL CORPORATION

VINSON-RAMSAY (NCT-B) NO. 7

1. Operator: Gulf Oil Corporation, P. O. Box 670, Hobbs, New Mexico 88240
2. Lease & Well Number: Vinson-Ramsay (NCT-B) No. 7, Unit J, 1980' FSL & FEL Section 36-25S-37E, Lea County, New Mexico
3. Pools Dualled: Justis Blinebry & Justis Tubb Drinkard, OCC Order No. DC-966
4. Decline Curves: Attached
5. Bottom Hole Pressure Data: Both zones in subject well are artificially lifted. Pressure data obtained from Vinson-Ramsay (NCT-B) No. 8 at midpoint casing perforations
Justis Blinebry, 229 psi at a depth of 5299'
Justis Tubb Drinkard, 879 psi at a depth of 5790'
6. Fluid Characteristics: Justis Blinebry and Justis Tubb Drinkard are presently being commingled down hole in Gulf's Arnott-Ramsay (NCT-F) No. 11, Order No. DHC-48 dated 6-27-70; and Gulf's Vinson-Ramsay (NCT-B) No. 8, Order No. DHC-239, dated 4-4-78. There has been no evidence of fluid incompatibility.
7. Value of Commingled Crudes: Justis Blinebry & Justis Tubb Drinkard production are presently being surface commingled on this lease per Administrative Order PC-15. Since production is already being commingled on the surface, down hole commingling will not affect the price. Justis Blinebry & Justis Tubb Drinkard are both classified as "stripper production".

Value Commingled:	<u>BOPD</u>	<u>API Gravity</u>	<u>\$/Bbl.</u>	<u>Rev/day</u>
Justis Blinebry	13	37.1	\$13.72	\$178.36
Justis Tubb Drinkard	14	38.2	\$13.71	\$191.94
Total	27	-	-	\$370.30
Commingled	27	37.65	\$13.715	\$370.31
		Difference		\$.01

8. Current Production Test: Attached
Justis Blinebry 13 bopd, 36 bwpd, 113 MCFGPD
Justis Tubb Drinkard 14 bopd, 11 bwpd, 164 MCFGPD
9. All offset operators have been furnished a copy of this application by certified mail.

U. S. G. S., Box 1157, Hobbs, N.M.
Tenneco Oil Company
Maralo, Inc.
Getty Oil Company
Shell Oil Company
Union of Texas Petroleum Corp.
Atlantic Richfield Co.
Marathon Oil Company

LBI;ptg
5-24-78

13 = 46%
14 = 52%
27

113m = 41%
164m = 59%
277

JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONE 505 393-5396

HOBBS, NEW MEXICO 88240

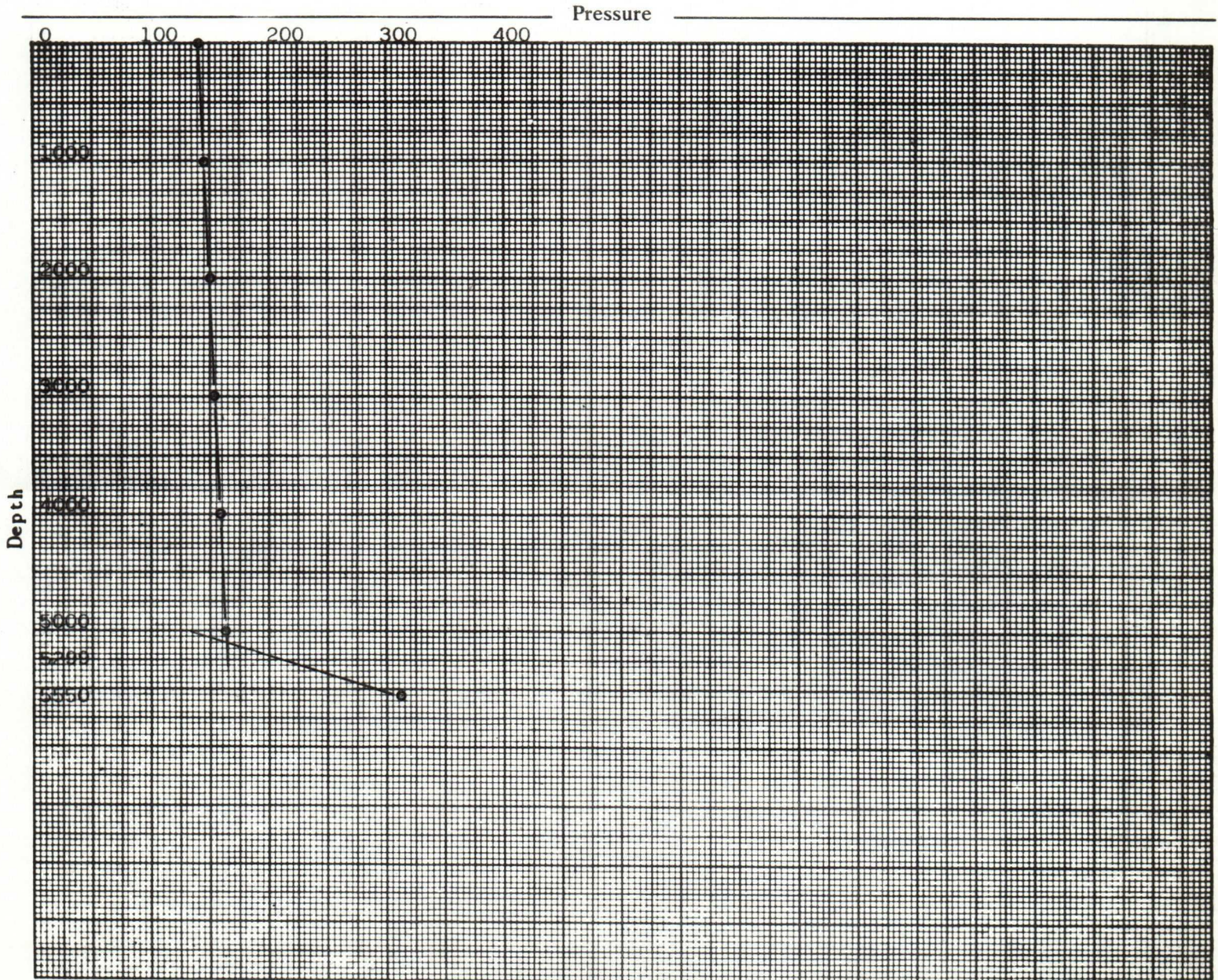
OPERATOR Gulf Energy & Mineral Company US
 FIELD Justis
 FORMATION Blaine
 LEASE Vinson Ramsay B WELL 8
 COUNTY Lea STATE New Mexico
 DATE February 26, 1978 TIME 11:00 AM
 Status Shut in
 Test Depth 5550'
 Time S. I. 24 hrs. Last test date -
 Tub Pres. 142 BHP last test -
 Cas. Pres. Dual BHP change -
 Elev. 3031' GL Fluid top 5100'
 Datum (-2268) ** Water top -
 Temp. @ 103 F Run by JSI #14
 Cal. No. A33196N Chart No. 2

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	142	--
1000	146	.004
2000	150	.004
3000	154	.004
4000	158	.004
5000	163	.005
5299 (-2268)	229 * **	(.333)
5550	313	.273

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS



JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONE 505 393-5396

HOBBS, NEW MEXICO 88240

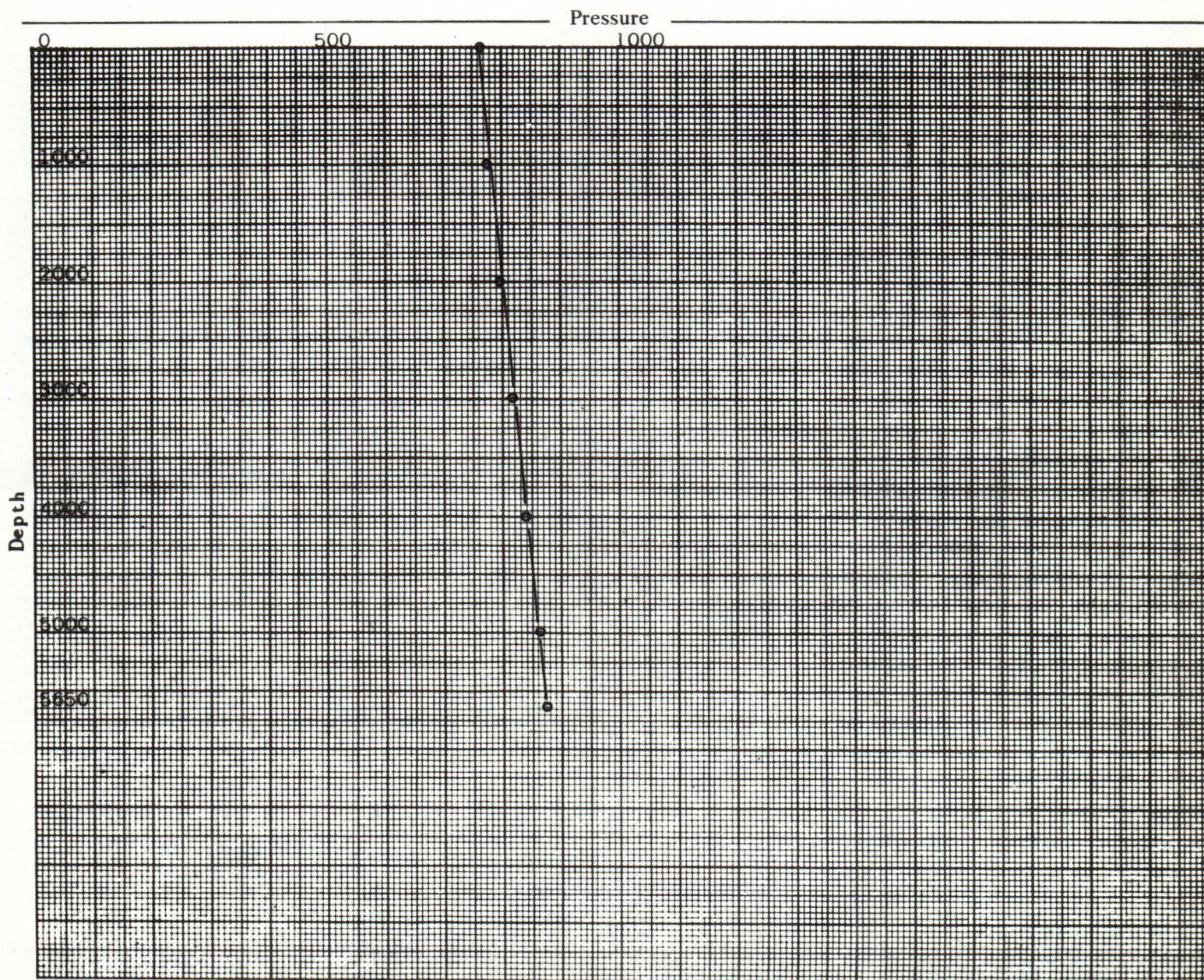
OPERATOR Gulf Energy & Mineral Company US
FIELD Justis
FORMATION Tubb - Drinkard
LEASE Vinson Ramsay B WELL 8
COUNTY Lea STATE New Mexico
DATE February 26, 1978 TIME 10:00 AM
Status Shut in
Test Depth 5650'
Time S. I. 24 hrs. Last test date -
Tub Pres. 763 BHP last test -
Cas. Pres. Dual BHP change -
Elev. 3031GL Fluid top None
Datum (-2759) ** Water top None
Temp. @ 102°F Run by JSI #14
Cal. No. A33196N Chart No. 1

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	763	-
1000	776	.013
2000	797	.021
3000	818	.021
4000	840	.022
5000	862	.022
5650	876	.022
5790 (-2759)	879 * **	(.022)

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS



**NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS**

C-118
Revised 1-1-65

Operator Gulf Oil Corporation		Pool Justis Blinebry - Justis Tubb Drinkard				County Lea											
Address P. O. Box 670, Hobbs, NM 88240		TYPE OF TEST - (X)		Scheduled ☒		Completion ☐											
LEASE NAME		WELL NO.	LOCATION		DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO				
			U	S	T	R				WATER BLS.	GRAV. OIL	OIL BLS.	GAS M.C.F.	CU. FT/BBL			
<u>Justis Blinebry</u>		7	J	36	25	37	5-15-78	P	2 1/2" W.O.	60	9	24	36	37.1	13	113.0	8692
<u>Vinson-Ramsay (NCT-B)</u>		7	J	36	25	37	5-17-78	P	2 1/2" W.O.	60	25	24	11	38.2	14	164.0	11,714
<u>Justis Tubb Drinkard</u>		Application to Commingle Down Hole															
<u>Vinson-Ramsay (NCT-B)</u>		7	J	36	25	37	5-17-78	P	2 1/2" W.O.	60	25	24	11	38.2	14	164.0	11,714

No well will be assigned an allowable greater than the amount of oil produced on the official test.

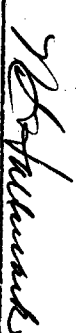
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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



(Signature)

Well Tester

May 23, 1978 (Time)

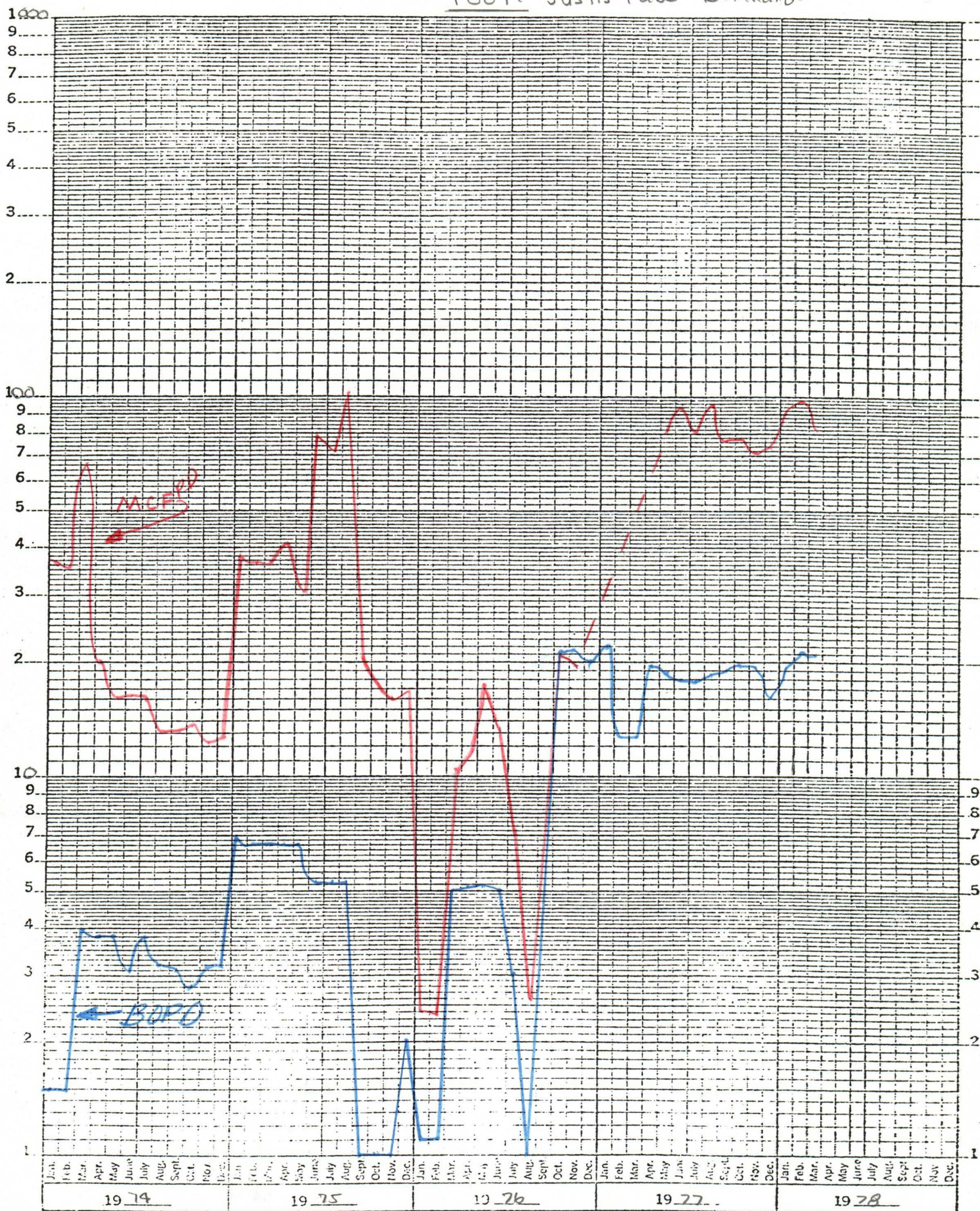
Gulf Oil Corp.

Well: Vinson Ramsay (NCT-B) #7

Pool: Justis Tubb Drinkard

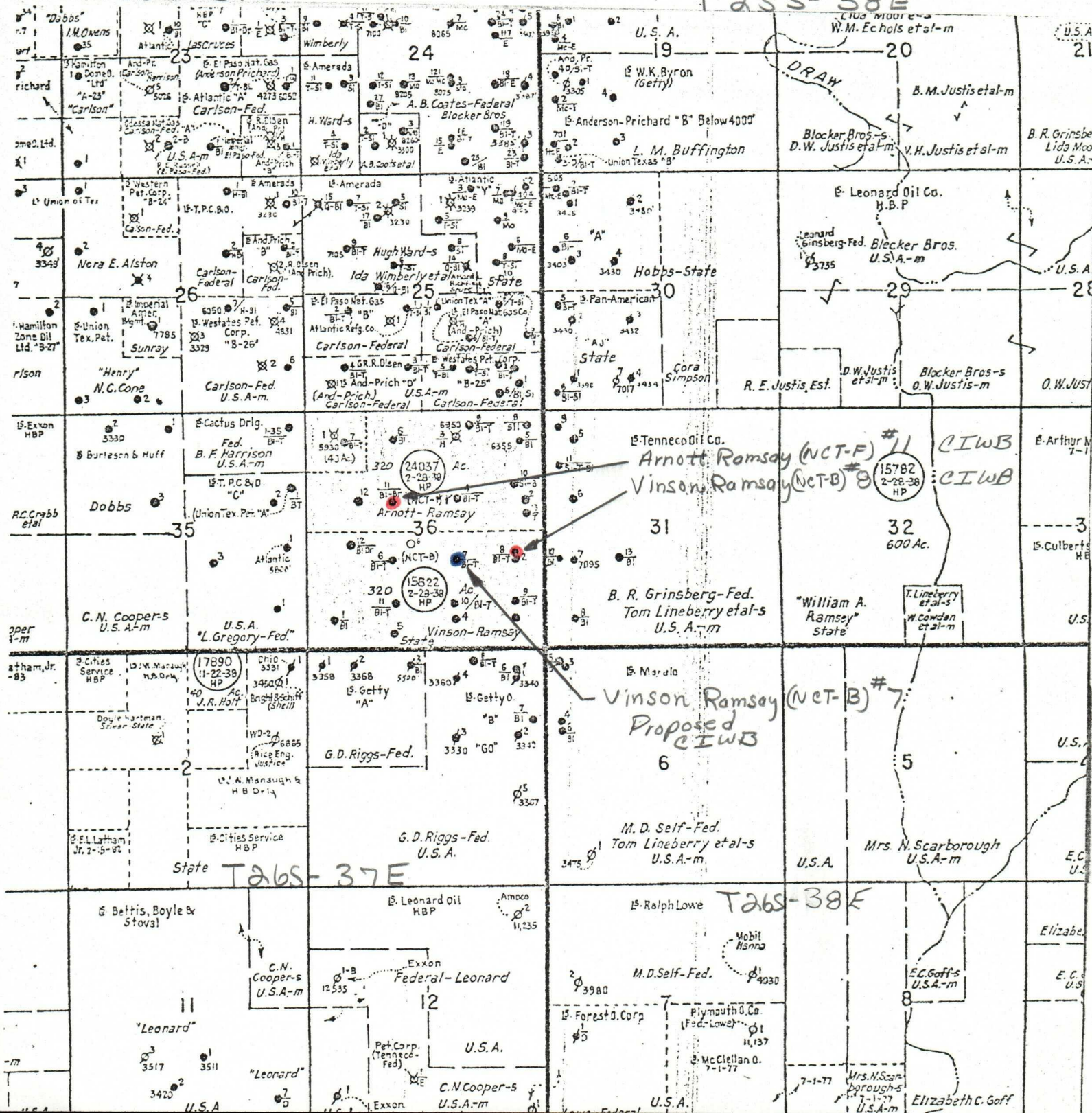
46 6693

5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



Proposed CIWB

T 255-38E



Lease Vinson Ramsay (NCT-B) Well No. 7 Pool Justis Tb Orinkard
Location 1980 FSL 1980 FEL Sec 36-25S-37E County Lea State NM

GLE: 3028.4

KDB: 3038.90

H = 10.50

"Short String"

2 3/8" 4.70# EUE BRD J-55 +bg
Otis Latching Tool

"Long String"

2 3/8" 4.70# EUE BRD J-55 +bg

Parallel String Anchor

9 jts 2 1/8"

Otis Seal Unit Engaged in pkr.
8' +bg nipple, SN w/ pin collar on
b+m

Initial Comp. Date: 6-20-60

Producing Formation: 5777-5857

Zone	Comp. Date	Date Abando
<u>5777-5857</u>	<u>6-20-60</u>	
<u>5214-5369</u>	<u>6-24-60</u>	

9 5/8" OD 32.3 # Grade H-40

Treatment History: (Current Zone)

(6-20-60) 5777-5857 Acidize with 2,000 gal.

Set @ 856 ' w/ 425 sxs (6-24-60) 5214-5369 500 gal acid, 20,500

Top of Cmt @ GLE CLK by: 30sx
425sx Incon cmt

gal refined oil + 3" spg

DV Tool
@ 4900 '

SN @ 5464 '

Otis Parallel String anchor set
at 5474 '. Otis Latching Tool
engaged in Parallel Anchor

Producing History:

Formation: _____

Month or Year	Oil	Wtr	Gas

Last Test Dated: _____

BOPD

BWPD

MC

FL: _____ Calc. Ppg. Eff: _____

Cum. Oil _____ Cum. Gas _____

5214-5218 } Justis Tubb
5246-5250 } Blinbry
5287-5291 } 4-1/2" JHPF

5365-5369 }
5403-5411 2-1/2" JHPF
5450-5458 1-1/2" JHPF
5464-5468 2-1/2" JHPF

Otis WA Production Pkr. @ 5756 '

SN @ 5767 '

5777-5795 } Justis Tb Drk
5828-5837 } 2-1/2" JHPF
5848-5857 }

7 5/8" OD 26.4 # Grade J-55 (top 3 jts)

7" OD 23 # Grade J-55

Remarks and Recommendation:

Set @ 6280 ' w/ 700 sxs

Top of Cmt @ 2025 by: TS

① 200sx Incon cmt 4% gal

② 500sx Incon cmt 4% gal

Prepared By: LBJ 4-27-28

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE May 26, 1978

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

Gentlemen:

I have examined the application dated _____
for the Gulf Oil Corp. Vinson Ramsay (NCT-B) #7-J 36-25-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,

