



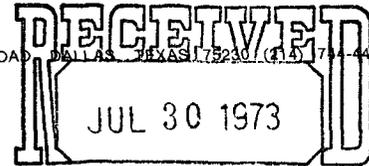
SUN OIL COMPANY

HILLCREST 635 OFFICE PARK, 12850 HILLCREST ROAD, DALLAS, TEXAS 75230 (214) 774-4411

July 25, 1973

DHC-136
Rec Aug 19

NORTH AMERICAN EXPLORATION AND PRODUCTION GROUP
Dallas Production Region



OIL CONSERVATION COMM
Santa Fe

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

Re: Exception to Rule 303-A
R. G. Mills No. 1
Allison Abo Field
Lea County, New Mexico
Sec. 11, T-9-S, R-36-E

990' FWL and 1980.6' ESL
Unit L

Gentlemen:

Sun Oil Company respectfully requests an exception to Rule 303-A to commingle in the well bore the production of the Allison Abo and Allison Bough C Fields in the R. G. Mills No. 1.

This well was completed February 4, 1955, in the Bough "C" Zone through perforations 9726-9731'. Total depth of the well is 9769'. Casing was set as follows: 13 3/8", 48# @ 375'; 8 5/8", 32# @ 4225'; 5 1/2" 17# and 15.5# @ 9769'.

The well was worked over in March, 1972. A bridge plug was set at 9104' and the Abo Zone was perforated 8992-9002'. It was acidized with 2000 gallons 15% NE acid. Potential test on the well was 36 barrels oil, 92 barrels water, 27.4 MCF, GOR 761. The estimated BHP is 1556 psi.

Attached is the latest Form C-116 showing the oil, gas, and water production from the Abo Zone. The last test on the Bough "C" Zone was made in January, 1972 when the well made 7 barrels oil and 10 barrels water per day. It is respectfully requested that Sun be granted permission to pull the plug and produce both zones through the single string of casing.

Previous authority to commingle these two zones has been granted to Gulf Oil Company's Federal Mills No. 1C, T-9-S, R-36-E, Sec. 11, Lea County, New Mexico. Gulf's success in commingling the two zones has proved the fluids to be compatible. The total value of the crude will not be reduced by commingling.

Also attached is a production decline curve for both zones showing a steady rate of decline in producing ability.

New Mexico Oil Conservation Commission

July 25, 1973

Page Two

Ownership of the two zones to be commingled is common (including working interest, royalty, and overriding royalty).

All offset operators, as indicated below, are being notified of this proposed commingling by copy of this letter.

Please advise if additional information is desired.

Yours very truly,

SUN OIL COMPANY



H. R. Huey

HRH/JTP/af

cc: New Mexico Oil Conservation Commission
Box 1980
Hobbs, New Mexico 88240

Atlantic Richfield
Box 1610
Midland, Texas 79701

Blackrock Oil Company
1000 V & J Tower
Midland, Texas 79701

BTA Oil Producers
104 S. Pecos
Midland, Texas 79701

Getty Oil Company
Box 249
Hobbs, New Mexico 88240

Gulf Oil Company
Box 670
Hobbs, New Mexico 88240

Mobil Oil Corporation
Box 1800
Hobbs, New Mexico 88240

Tenneco Oil Company
Box 1031
Midland, Texas 79701

NEW MEXICO OIL CONSERVATION COMMISSION
GAS - OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool			Country										
Sun Oil Company		Alltison Abo			Lea										
Address		TYPE OF TEST - (X)		Scheduled	Completion	Special									
Box 1861, Midland, Texas 79701		TEST - (X)		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>									
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU. FT./BBL.		
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.	GAS M.C.F.
R. G. Mills	1	L	11	9S	36E	6-4-73	P	-	64	24	52	36.8	14.0	18.0	1286
						TEST PRIOR TO PLUG BACK FROM BOUGH 'C'				24	10	45.5	6.0	10.6	1767

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.
 Mail 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.

Proration Clerk
 Proration Clerk
 7-11-73
 (Date)

1972 Prod
12,148

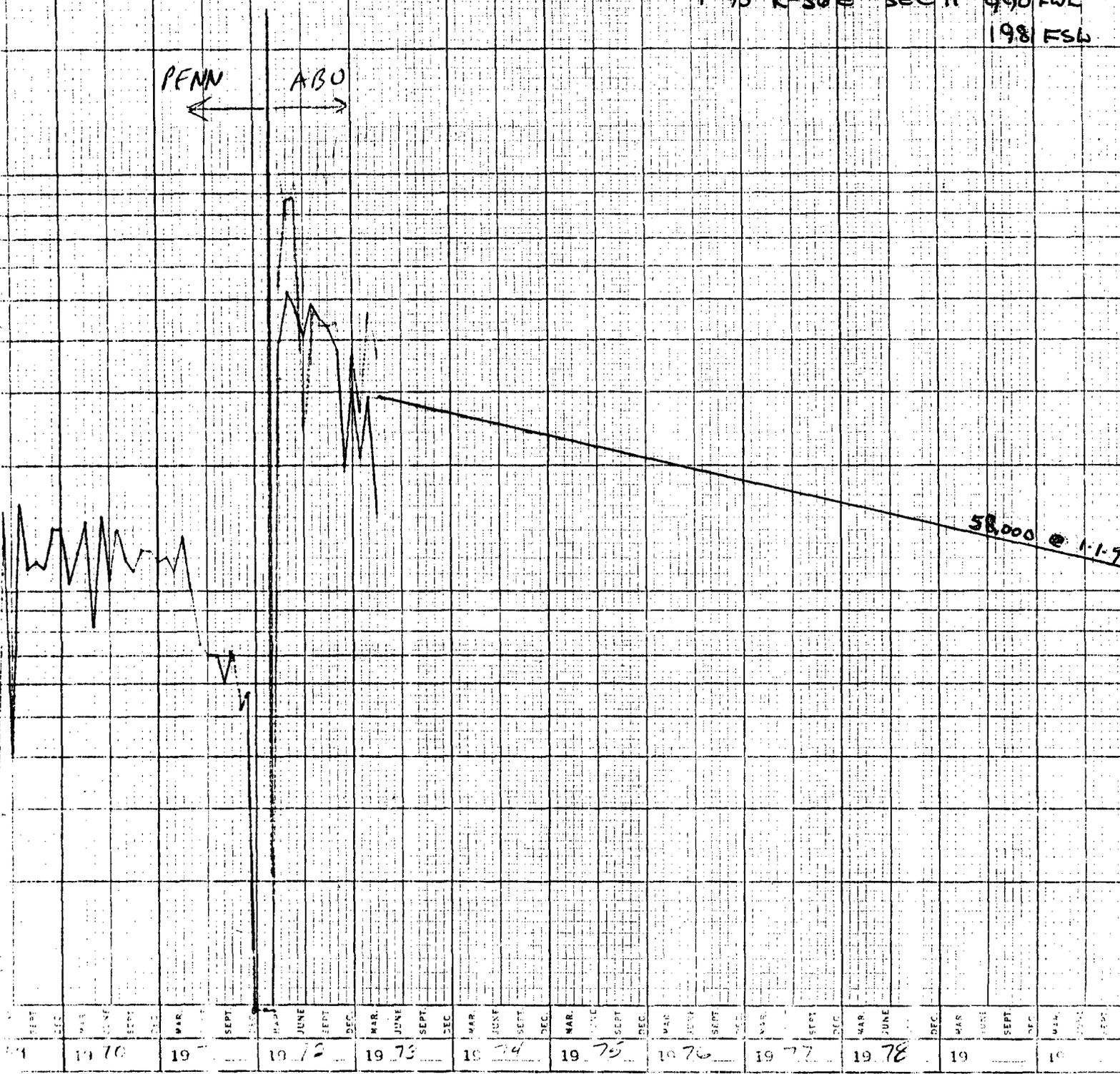
R.G. Mills No 1

Lea County New Mexico

T-95 R-36 SEC II 990 FWL
198 FSB

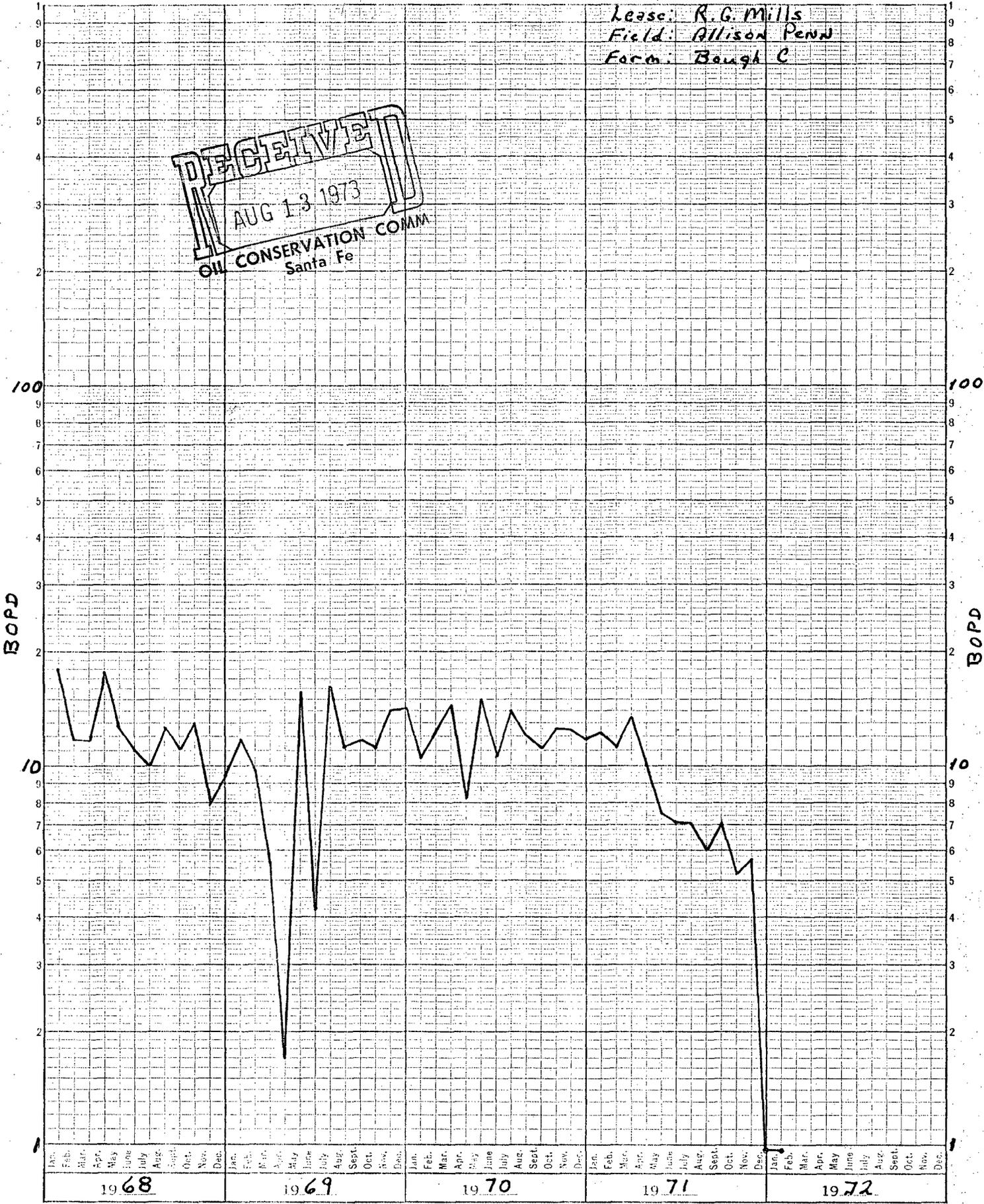
PENN ←
→ ABO

BPM



Lease: R.G. Mills
 Field: Allison Penn
 Form: Baugh C

RECEIVED
 AUG 13 1973
 OIL CONSERVATION COMM
 Santa Fe



LOG 5 YEARS BY MONTHS 46 6690
 X 3 LOG CYCLES
 KEUFFEL & ESSER CO.

Lease: R.G. Mills
 Field: Allison Abo
 Form: Abo

RECEIVED
 AUG 13 1973
 OIL CONSERVATION COMM
 Santa Fe

