

Gulf Oil Exploration and Production Company

August 8, 1980

R. C. Anderson
PRODUCTION MANAGER, HOBBS AREA

P. O. Box 670
Hobbs, NM 88240

Mr. Joe D. Ramey, Director
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Lee Stebbins (NCT-A) No. 3
Unit F - Section 5, T22S - R37E
Lea County, New Mexico

Dear Sir:

Your administrative approval is requested for an exception to Rule No. 303-C-2 to permit down-hole commingling of marginal Blinebry and Drinkard production in the subject well.

The Lee Stebbins (NCT-A) No. 3 was drilled and completed in 1975 and the two zones dually completed under administrative order MC-2187 dated May 6, 1975. The Blinebry and Drinkard are currently commingled above ground under commingling order CTB-262 dated November 25, 1975.

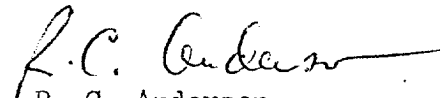
There is no evidence of incompatibility of fluids. Reservoir damage from down-hole commingling in the well-bore is not expected to occur. Ownership in the two pools is common and correlative rights will not be violated.

Presently the Drinkard is pumping and the Blinebry will not flow. The reservoir pressure is too low to allow flowing conditions. Swabbing failed to restore Blinebry production. The Blinebry will have to be pumped. If this application is approved, the existing pumping equipment will be used to produce both of the zones.

All offset operators have been notified of the proposal to down-hole commingle the subject well. Should secondary recovery operations become practical in the future, the two zones could be separated at that time without damaging either reservoir.

Your early consideration in this matter will be appreciated.

Yours very truly,


R. C. Anderson

RQH/tkw
Attachments
dup/Division director
cc: Oil Conservation Division
OOD - Hobbs
C. F. Kalteyer- Midland
All Offset operators



OFFSET OPERATORS

LEE STEBBINS (NCT-A) NO. 3

Amerada Hess
P. O. Box 840
Seminole, Texas 79360

Amoco
P. O. Box 68
Hobbs, New Mexico 88240

ARCO
P. O. Box 1610
Midland, Texas 79702

Wiser Oil
P. O. Box 2467
Hobbs, New Mexico 88240

Texaco, Inc.
P. O. Box 3190
Midland, Texas 79701

LEE STEBBINS (NCT-A) NO. 3

1. Operator: Gulf Oil Corporation, P. O. Box 670, Hobbs - New Mexico 88240.
2. Lease, well and location: Lee Stebbins (NCT-A) No. 3, Unit F
1870' FNL and 2092' FWL, Section 5, T22S-R37E
Lea County, New Mexico.
3. Producing zones: Currently producing the Drinkard Pool, which is to be commingled with the temporarily closed in Blinebry Pool, if approved. Blinebry zone was temporarily closed in June 10, 1980.
4. Decline Curve: See attached sheet.
5. Bottom Hole Pressures: See attached sheets.
6. Fluid characteristics: Drinkard and Blinebry are presently being commingled in surface facilities on the Lee Stebbins (NCT-A) lease. To date, there has been no evidence of fluid incompatibility.
7. Well History:

Well was spudded 3-18-51 and drilled to a total depth of 6595'. Seven inch production casing was set at 6531' with top of cement at 2775'. Initial completion was in the Drinkard zone in the open hole section 6532-6595', and through perforations 6430-6460' with (4) $\frac{1}{2}$ " JHPF. The perforated interval stimulated with 2000 gallons 15% NE Acid, and fractured with 5000 gallons gelled water containing 1-1 $\frac{1}{2}$ # 20-40 SPG, and later treated with 4000 gallons 15% NE Acid and refraced with 5000 gallons gelled water containing 1# 20-40 SPG. The open hole section was treated with 250 gallons 15% NE Acid and fraced with 5000 gallons gelled brine water containing 2# 20-40 SPG. The Drinkard zone was abandoned on 4-15-57 by setting a CIBP at 6344'. The Tubb zone was completed through perforations 6090-6110', 6112-6170', 6185-6216', 6240-6253', 6270-6295' with (2) $\frac{1}{2}$ " JHPF, and fractured with 25,000 gallons refined oil containing 1# 20-40 SPG. On 5-10-62 the Drinkard and Tubb were abandoned by capping the CIBP @ 6344' with cement to 6295', setting a CIBP @ 6030', and capping it with cement to 6020'.

The Blinebry was completed through perforations 5705', 5728', 5748', 5772', 5801', 5856', with (4) 1" quadra jet holes in a plane. The Blinebry was treated with 500 gallons 15% NE acid and fractured with 24,000 gallons gelled lease oil containing 3# 20-40 SPG. In 1975 the CIBP @ 6030' was drilled, and the Tubb perforations 6090-6295' and Blinebry perforations 5705-5806' were squeezed with 425 sacks cement. The

CONT...

Drinkard open hole section was reopened and fractured with 10,000 gallons gelled water containing 2# 20-40 SPG. The Drinkard perforations 6430-6510' were treated with 3000 gallons 15% NE Acid and fractured with 20,000 gallons gelled water with 1# 20-40 SPG. On test, the Drinkard pumped 10 BO, 12 BW in 24 hours on 9-18-75. The Blinebry was recompleted through perforations 5568-5570', 5584-5586' with (4) $\frac{1}{2}$ " JHPF. The Blinebry was treated with 700 gallons 15% NE Acid, and fractured with 28,000 gallons gelled water with $1\frac{1}{2}$ -2# 20-40 SPG. On 11-6-75, the Drinkard pumped 3 BO, 5 BW, and the Blinebry flowed 11 BO, 11 BW in 24 hours.

8. Value of Commingled Fluids:

Drinkard and Blinebry production is being commingled in surface storage facilities on the subject lease per Administrative Order CTB-262, therefore, down-hole commingling will not affect the price.

9. Current Production:

See attached C-116.

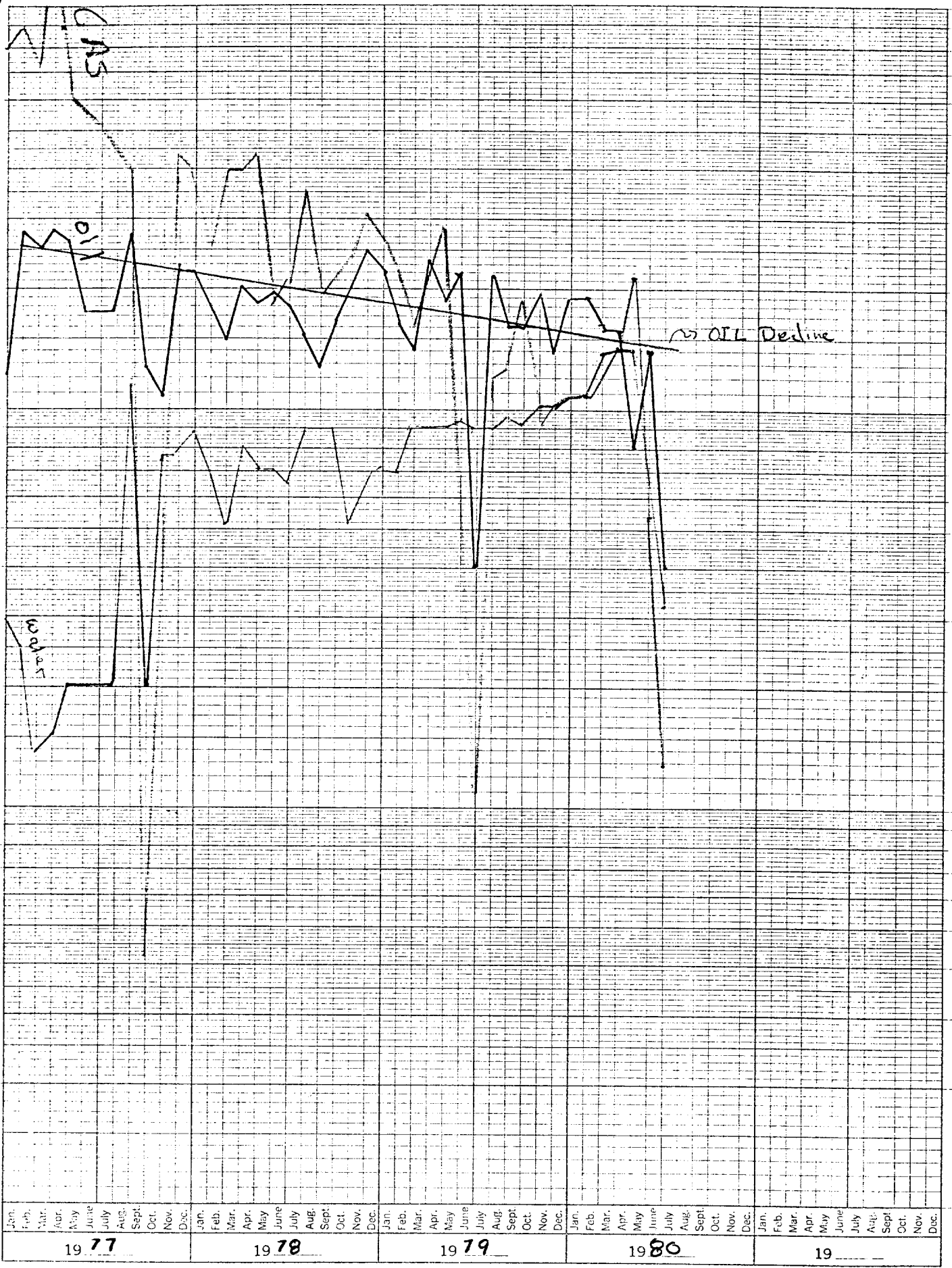
10. All Offset operators are being notified by copy of this application.

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30 30 46 66908

5 YEARS BY MONTHS XEROLOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

10 1



Lee Stebins "A" #3

Bline 1-1-4

Gulf Oil Corporation

Blinebry

County
Lead

Box 670, Hobbs, NM 88240

TYPE OF
TEST - (X)

Schedule

Completion: ☐

☒ **Case:**

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TSG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BSL
		U	S	T	R							WATER BBLG.	GRAV. OIL	OIL BBLG.	GAS M.C.F.	
Lee Stebbins (NCT-A)	3	F	5	22	37	7-23-80	F	19/64	70	7	24	0	-	0	0	-

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

During gas-well prior 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 wells can be assigned increased allowables when authorized by the Division.

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 Division 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.

Joseph H. Frank, Jr.
(Signature)
Well Tester

Tills

TYPE OF REPORT - (X)	
Initial Completion	
Special	X
General Survey	

Operator						Pool		County		Date									
Gulf Oil Exploration & Production Co.						Blinebry		Lea		July 17, 1980									
Address Box 670, Hobbs, New Mexico 88240						Producing Formation Blinebry		Oil Gradient -		Water Gradient -									
						psi/ft.		psi/ft.											
						gas		gas gravity		Datum Fkare (-2330) *									
LEASE	WELL NO.	LOCATION				ELEV. (ft.)	DATE TESTED	Z IN FEET FROM PRESS.	SHUT-IN TSG. PRESS.	BOHB TEST DATA				SONC INSTRUMENT TEST DATA*				PRESS. AT DATUM	
		U	S	T	R					TEST DEPTH	B.H. TEMP. °F	OB-SERVED PRESS.	PROD. TEST (BBLG./DAY)	L.IQUID LEVEL	L.IQUID GRAD- IENT PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI		C.S.G. PRESS.
Lee Stebbins NCT-A	3	F	5	22	37	3451 KB-12	7/17/80	24	458	5650	100	537						.014	539
* MIDPOINT OF CASING PERFORATIONS																			

- Well shall be produced at least 24 hours prior to shutting in for sonic test.

JABHHL SERVICES, INC.

(S. Knauer)

July 20 1980

(Tide)

(Date)

TYPE OF REPORT - (X)

NEW MEXICO OIL CONSERVATION COMMISSION

Form G-194
Revised 1-1-65

RESERVOIR PRESSURE REPORT

Initial Completion ☐

Special ☒

General Survey ☐

Operator ☐ Pool ☐ County ☐ Date ☐

Gulf Oil Exploration & Production Co Drinkard Lea July 17, 1980

Address Box 670 Hobbs, New Mexico 88240 Producing Formation Drinkard Oil Gradient - Water Gradient - Gas Gravity - Datum Plane. (-3019) *

LEASE	WELL No.	LOCATION				ELEV.	OIL (O) OR GAS (G)	DATE TESTED	2 IN. TUBE	SHUT-IN TSG. PRESS.	BOMB TEST DATA				SONIC INSTRUMENT TEST DATA*							PRESS. AT DATUM		
		U	S	T	R						TEST DEPTH	B.N. TEMP. °F	GR. SCAVED PRESS.	PROD. TEST (BBLs./DAY)		LIQUID LEVEL	LIQUID GRAD. TEST PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	CSC. PRESS.				
														OIL	WATER									
Lee Stebbins NCT-A	3	F	5	22	37	3451	0	7/17/80	24	482	6470	106	574									.015		574
						KB-12																		
* MIDPOINT OF CASING PERFORATIONS																								

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

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

JABREL SERVICES, INC.

John A. Jabrel (Signature)

Agent (Title)

July 22, 1980 (Date)