

Earl R. Bruno

P.O. BOX 5456
MIDLAND, TEXAS 79704
(915) 684-8488

OIL CONSERVATION DIVISION
RECEIVED

AUG 15 1991 9 29

August 15, 1991

Energy, Minerals & Natural Resources Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504

RE: Downhole commingline
Carlson B25 #3
Justis Abo
Justis Tubb Drinkard

Gentlemen:

We are requesting authority to downhole commingle the above mentioned pools in the Carlson B25 #3 well.

The Justis Abo is a flowing well and is currently producing. The Justis Tubb Drinkard has been SI since August, 1982, and the tubing removed.

This zone must be produced by artificial lift. With the relatively low production volumes of this well, it would not be feasible to produce by itself.

The downhole commingling of these two zones would allow valuable reserves to be recovered from the Tubb Drinkard. Without approval, these reserves would be lost. We therefore request approval for the downhole commingling.

If you have any questions, please call.

Abo- 6182-6186
TD- 5663-5942

Thank you,

Jim Gray
Jim Gray

Notices of our intention to downhole commingle the Justis Abo and the Justis Tubb Drinkard were sent to the below listed on August 15, 1991:

United States Department of the Interior
P.O. Drawer 1857
Roswell, New Mexico 88201

Union Texas Petroleum
Box 2120
Houston, Texas 77056

Texaco E & P
Box 3109
Midland, Texas 79702

Chevron USA
Box 1150
Midland, Texas 79702

Amoco
Box 3092
Houston, Texas 77253

Amerada Hess
Entex Bldg.
1200 Milam St.
Houston, Texas 77002

Arco
Box 1346
Houston, Texas 77251

Earl R. Bruno

P.O. BOX 5456
MIDLAND, TEXAS 79704
(915) 684-8488

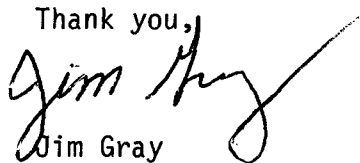
August 15, 1991

Gentlemen:

We have applied for downhole commingling authority for the Carlson B25 #3, S - 25, T - 25 - S, R - 37 - E, Lea County, New Mexico.

We propose to commingle production from the Justis Abo with the Justis Tubb Drinkard.

Thank you,


Jim Gray

Operator: Earl R. Bruno Inc.
P.O. Box 590
Midland, Texas 79702

Lease Name: Carlson B25 Well #3

Location: 990' FSL & 1650' FEL
25-25S-37E
Lea County, New Mexico

Pools: Justis Tubb Drinkard
Justis Abo

C-116: The Abo zone has a hole in the tubing. I am enclosing the last
C-116 showing its production.

The Tubb Drinkard zone, in this well, has been TA'D. No production information is available on it. However, I am enclosing a copy of C-116 for immediate offsets. This will be representative of production from this well.

Curves: A production curve has been submitted on the Carlson B25 #3 lower (Abo) zone. The upper (Tubb Drinkard) zone was SI in 1980. There was no way to plot a curve on this zone other than to use an offset well.

BHP: The BHP for the Abo is 840 PSI. This is based on SI wellhead pressure prior to the well developing a hole in the tubing.

The BHP for the Tubb Drinkard is 520 PSI. This was based on a fluid level prior to development of a hole in the Abo tubing.

The Abo produces virtually water free. The oils have been surface commingled since August 1982, by authority of Amendment PC-552. I have attached a copy of this.

I would recommend that after downhole commingling, the well be tested and any additional production be attributed to the Tubb Drinkard formation. The decline on the Abo gives us a good consistent production history for the Abo.

All offset operators and the BLM have been notified of this proposal.



Submit 2 copies to Appropriate
District Office.
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-116
Revised 1/1/89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

GAS - OIL RATIO TEST

Operator EARL R. BRUNO		Pool JUSTIS BLINEBRY JUSTIS TUBB DRINKARD		County LEA															
Address P.O. BOX 590 MIDLAND, TEXAS 79702		TYPE OF TEST - (X) <input checked="" type="checkbox"/>		Completion <input type="checkbox"/> Special <input type="checkbox"/>															
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	SIZING	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.	GRAV. OIL	OL. BBL.		GAS M.C.F.			
Carlson B25 Fed.	2	P	25	25S	37E	4-15-91	P	2"	30	24	2	37.8	3.3	47	14242				
																Total Production all Zones			
																DHC Order #113			
																011 % & Zones			
											90% Blinebry				3.0				
											10% Tubb Drinkard				.30				
											100% Total				3.3				

Instructions:

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 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.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Signature

J.E. Gray Engineer

Printed name and title

Date 4-25-91

915/685-0113

Date

Telephone No.

Submit 2 copies to Appropriate District Office.

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-116
Revised 1/1/89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

OIL CONSERVATION DIVISION

GAS - OIL RATIO TEST

Operator		EARL R. BRUNO		Pool		JUSTIS ABO		County		LEA					
Address		P.O. BOX 590 MIDLAND, TEXAS 79702		TYPE OF TEST - (X)		Scheduled <input checked="" type="checkbox"/>		Completion <input type="checkbox"/>		Special <input type="checkbox"/>					
LEASE NAME	WELL NO.	LOCATION U S T R			DATE OF TEST	STATUS	CHOKE SIZE	TBQ. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST WATER GRAV. OIL		GAS M.C.F. RATIO CU.FT/BBL.		
CARLSON B-25 FEDERAL	3	0	25	25S	37E	2-20-91	F	14/64	210	24	1	38.1	1.3	212	163077

Instructions:

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 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.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Signature

W.E. Gray

Engineer

Printed name and title

2/21/91

915/685-0113

Date

Telephone No.



United States Department of the Interior

MINERALS MANAGEMENT SERVICE

ROSWELL DISTRICT OFFICE
POST OFFICE DRAWER 1857
ROSWELL, NEW MEXICO 88201

*File -
B-25 #3*

NM-47-84

July 1, 1982

Santa Fe Energy Company
7200 I-40 West
Amarillo, Texas 79106

Attention Anthony J. Welker

Gentlemen:

Your letter application of June 14, 1982, requests approval to commingle Abo oil produced from well No. 3 Federal B-25 with commingled Blinebry, Tubb-Drinkard and Fusselman from the same lease, which was approved by our letter of July 8, 1977.

Commingling of Abo production from the subject well with Blinebry, Tubb-Drinkard and Fusselman production is hereby approved subject to like approval by the New Mexico Oil Conservation Division. Production is to be allocated to the well on the basis of individual well test.

Sincerely yours,

James A. Gillham
7a James A. Gillham
District Supervisor

Enclosure

NEW MEXICO OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
SANTA FE, NEW MEXICO 87501

AMENDMENT
COMMINGLING ORDER PC-552

Santa Fe Energy Company
Central Division - Permian Basin District
7200 I-40 West
Amarillo, Texas 79106

Attention: Anthony J. Welker, Production Engineer

Lease Name: Carlson Federal B-25

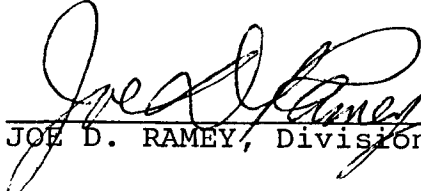
Description: S/2 SE/4 Sec. 25, T-25-S, R-37-E, NMPM,
Lea County

The above-named company is hereby authorized to commingle Justis-Blaine, Justis Tubb-Drinkard, Undesignated Abo, and Justis Fusselman pool production in a common tank battery and to determine the production from each pool by well tests. (If this method is to be authorized, all commingled production must be of marginal nature; further the operator shall notify the Santa Fe Office of the Division in the event any well in the commingled battery becomes capable of top allowable production, at which time the Division will amend this order or take such other action as may be appropriate.)

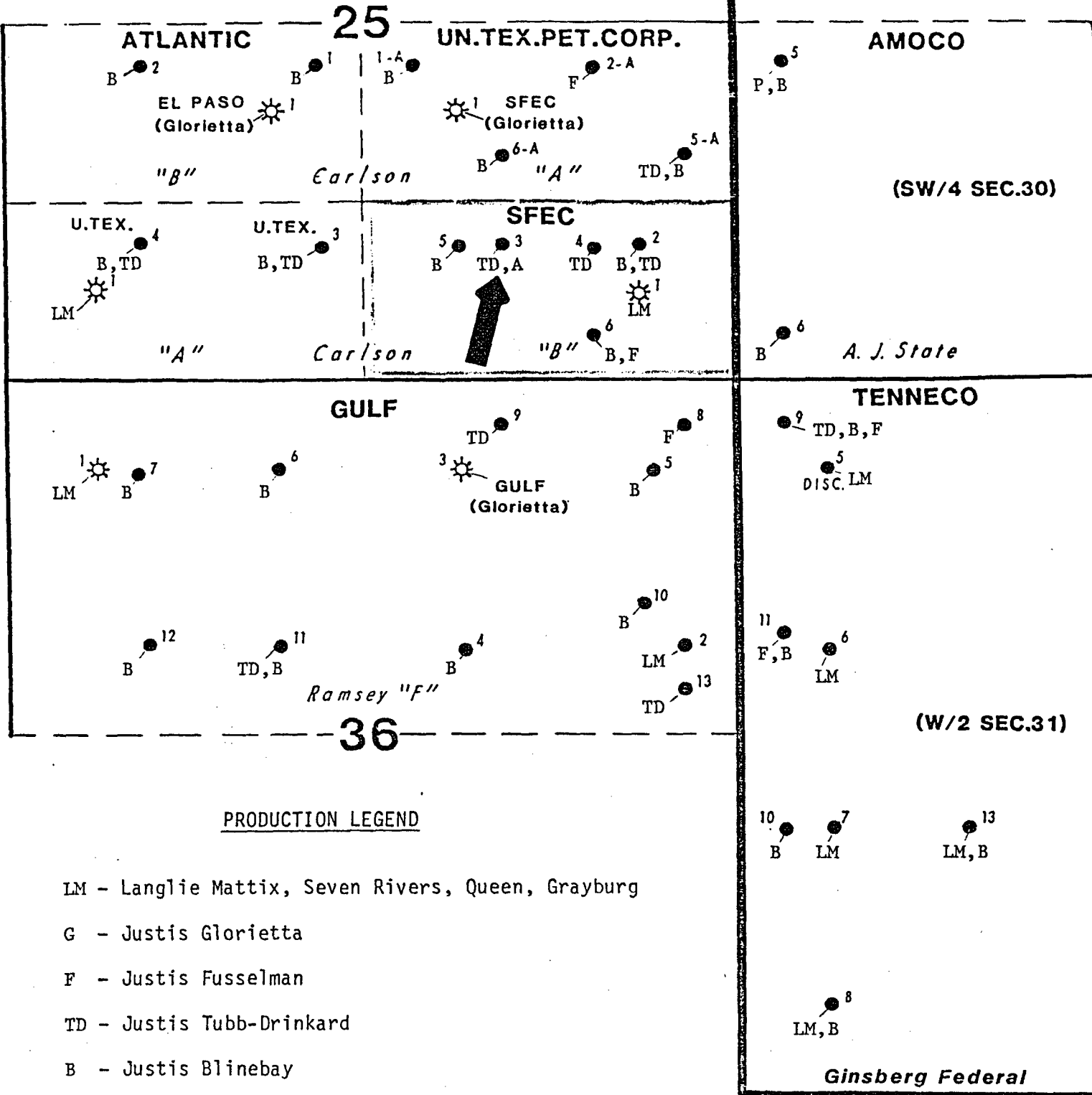
NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

REMARKS: Administrative Order PC-552 is hereby amended to permit commingling of Undesignated Abo production. Previous administrative Order PC-552 place in abeyance Division Order No. R-1545-A, which authorized commingling of Tubb Drinkard and Fusselman production only.

DONE at Santa Fe, New Mexico, on this 11th day of August, 1982.


JOE D. RAMEY, Division Director

R 37 E ↔ R 38 E



PRODUCTION LEGEND

- LM - Langlie Mattix, Seven Rivers, Queen, Grayburg
- G - Justis Glorietta
- F - Justis Fusselman
- TD - Justis Tubb-Drinkard
- B - Justis Blinebay
- P - Justis Paddock
- A - Undesignated Abo

Note: Plugged Wells Not Shown
 Plat Shows S/2 Section 25-25S-37E
 N/2 Section 36-25S-37E
 SW/4 Section 30-25S-38E
 W/2 Section 31-25S-38E

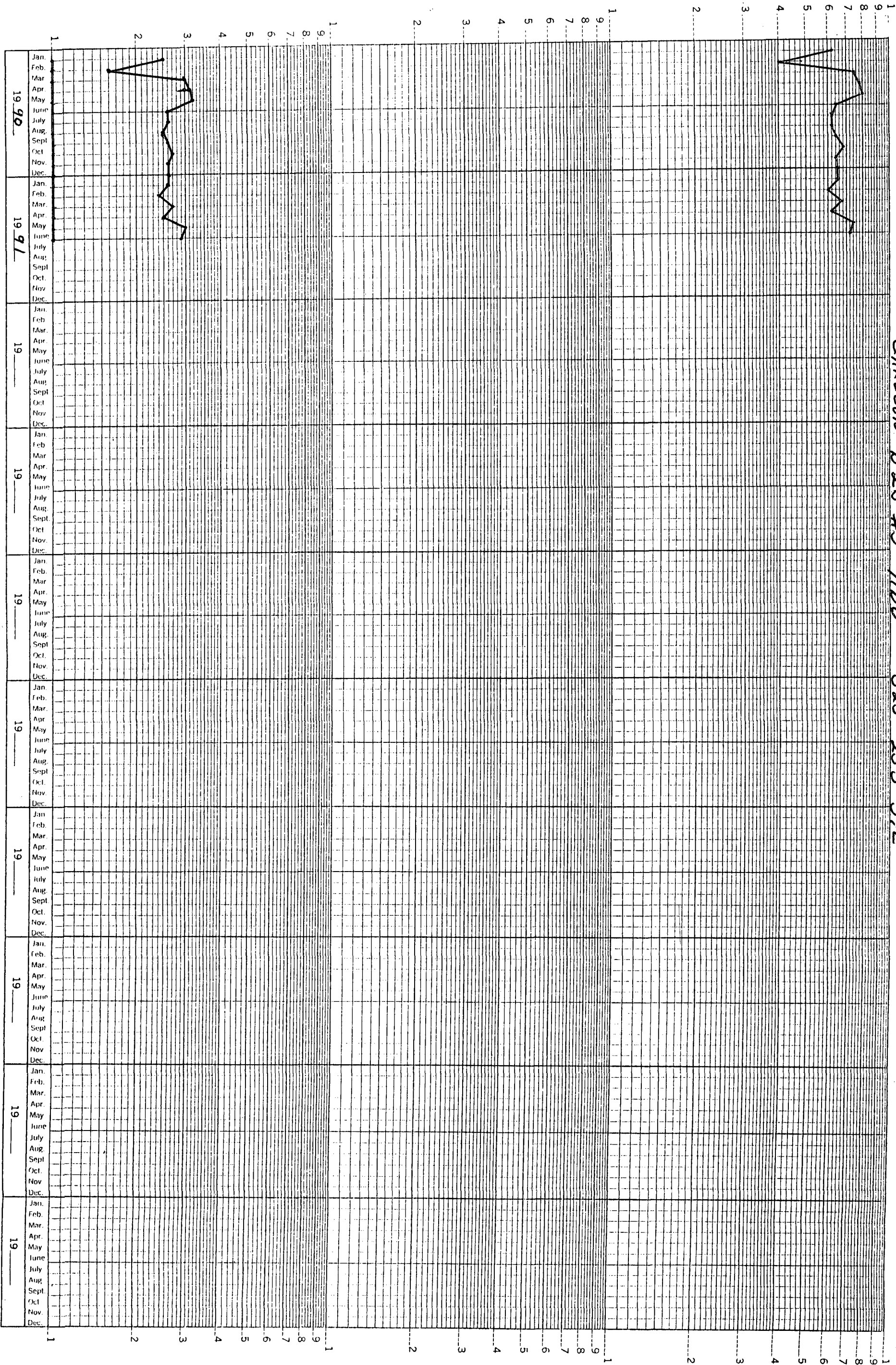
	SANTA FE ENERGY COMPANY PERMIAN BASIN DISTRICT AMARILLO, TEXAS
	LANGLIE-MATTIX AREA Lea Co., New Mexico
OFFSET LEASES TO CARLSON B-25 NO. 3 AND COMPLETION POOLS 1-1-82	
Scale: 1" = 1000' Date: 5-82	

[illegible]

WATER 0-100 mm
GAD 10-1000 mcf
OIL 0-100 bbls

CARLSON 825 #3 ABO

525 255 DIE



Water 0 - 100 ft
Mo 10 - 1000 mcf
Oil 0 - 1000 bbls

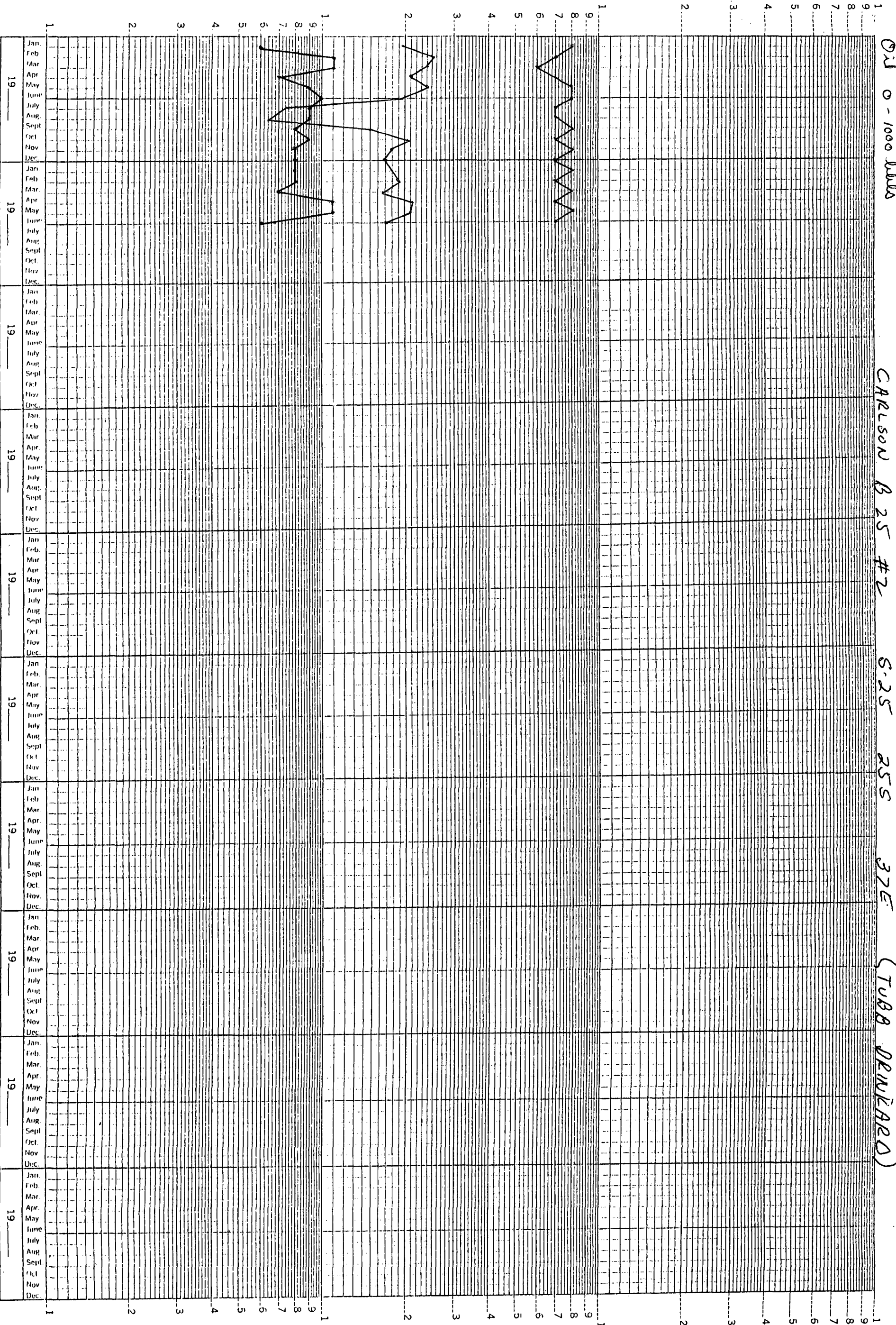
CHARLSON B 25 #2

S-25

255

37E

(TUBS REMOVED)





STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC X _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Earl R. Bruno Carlson B-25 #3-0 25-25-37
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed