

Mobil Exploration & Producing U.S. Inc.

NEW MEXICO OIL DIVISION
MIDLAND, TEXAS 79702

91 JAN 11 AM 8 55

January 5, 1991

P.O. BOX 633
MIDLAND, TEXAS 79702

MIDLAND DIVISION

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

Attention: Mr. William J. LeMay

**EXCEPTION TO RULE 303(A)
BRUNSON ARGO WELL NO. 12
BLINEBRY OIL & GAS AND
TUBB POOLS
LEA COUNTY, NEW MEXICO**

Gentlemen:

Mobil Exploration & Producing U.S. Inc., as agent for Mobil Producing Texas & New Mexico, Inc. (MPTM), requests administrative approval to downhole commingle production from the Tubb and Blinebry Oil and Gas Pools within the wellbore of its Brunson Argo Well No. 12 located 589 feet from the East line and 1909 from the North line (Unit H) of Section 9, T-22-S, R-37-E, Lea County, New Mexico.

The well is presently completed in the Drinkard Oil and Gas Pool. Therefore, Mobil is requesting a permit to recomplete the well as a downhole commingled Tubb and Blinebry well. Order No. R-8929 dated May 10, 1989, granted the downhole commingle of the Drinkard and Blinebry in the Brunson Argo No. 6 located in Unit E, Section 10, T-22-S, R-37-E, and Order No. DHC -762 dated July 24, 1990, granted Drinkard/Blinebry in the Brunson Argo No. 13 located in Unit A, Sec. 9, T-22-S, R-37-E, Lea County, New Mexico.

The subject well meets all prerequisites for commingling, as set out in Rule 303(C). The ownership of these zones is common, and they have been successfully commingled on adjacent leases with no incompatibility of fluids found.

In support of this application, the following is submitted:

- 1) Location Plat;
- 2) Data sheet for both zones;
- 3) Computation of relative values for hydrocarbons;
- 4) Present/proposed wellbore sketches;

New Mexico Oil Conservation Division -2-
January 5, 1991
Exception to Rule 303(A)
Brunson Argo Well No. 12

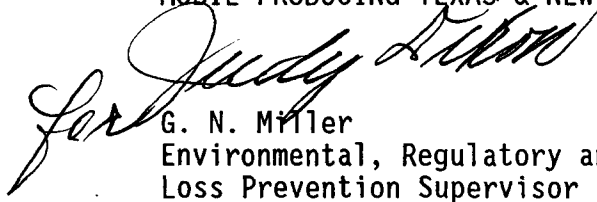
- 5) C-116 Form Well test for the Brunson Argo 12.
- 6) List of offset operators.
- 7) C-101 & C-102

All offset operators have been notified of MPTM's request by copy of this application.

In conclusion, MPTM believes that approval of this request will result in more efficient recovery of hydrocarbons and will extend the productive life of both zones, thereby preventing waste. If any further information is needed, please contact J. W. Dixon at (915) 688-2452.

Yours very truly,

MOBIL EXPLORATION & PRODUCING U.S. INC.
AS AGENT FOR
MOBIL PRODUCING TEXAS & NEW MEXICO, INC.


G. N. Miller
Environmental, Regulatory and
Loss Prevention Supervisor

/jwd

attachments

cc: NMOCD - Hobbs
Offset Operators
Commissioner of Public Lands - application fee \$30
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division -3-
January 5, 1991
Exception to Rule 303(A)
Brunson Argo Well No. 12

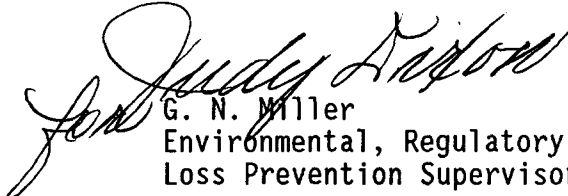
- 5) For C-116 Well test for the Brunson Argo 13LT.
- 6) List of offset operators.
- 7) C-101 & C-102

All offset operators have been notified of MPTM's request by copy of this application.

In conclusion, MPTM believes that approval of this request will result in more efficient recovery of hydrocarbons and will extend the productive life of both zones, thereby preventing waste. If any further information is needed, please contact J. W. Dixon at (915) 688-2452.

Yours very truly,

MOBIL EXPLORATION & PRODUCING U.S. INC.
AS AGENT FOR
MOBIL PRODUCING TEXAS & NEW MEXICO, INC.


G. N. Miller
Environmental, Regulatory and
Loss Prevention Supervisor

/jwd

attachments

cc: NMOCD - Hobbs
Offset Operators
Commissioner of Public Lands - \$30 application Fee
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

bcc: w/attachment
Central Files
Regulatory Files
Proration Acct -
Reservoir Engineer - B. Pence - 1100 UBB
Operations Supv. - (Andrews) R. P. Pratt
RMT Leader - T. Buchanan - 1133 UBB

B:M1348a.jwd

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER Downhole Commingle

SINGLE
ZONE ☐

MULTIPLE
ZONE ☒

7. Lease Name or Unit Agreement Name

Brunson-Argo

2. Name of Operator

Mobil Producing Tx. & N.M. Inc.

8. Well No.

12

3. Address of Operator

c/o Mobil Exploration & Producing U.S. Inc.
P.O. Box 633, Midland, Texas 79702

9. Pool name or Wildcat

Blinebry/ Tubb

4. Well Location

Unit Letter

H

: 589

Feet From The

East

Line and

1909

Feet From The

North

Line

Section

9

Township

22-S

Range

37-E

NMPM

Lea

County

10. Proposed Depth
Blinebry (5470-5725')
Tubb - (5938-6145')

11. Formation
Blinebry/Tubb

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3432 - Ground

14. Kind & Status Plug. Bond

On file

15. Drilling Contractor

Unknown

16. Approx. Date Work will start

ASAP

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
	13-3/8	48#	294'	250	Surface
	8-5/8	32#	3826	900	Surface

This well is currently TA'd in the Drinkard Oil & Gas Pool. Mobil is requesting permission to recomplete the well as a downhole commingled Tubb and Blinebry well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

Judy Wayne Nixon

TITLE

Env. & Regulatory Technician

1/8/91

TYPE OR PRINT NAME

Judy Wayne Nixon

Mobil Producing Texas & New Mexico Inc.

acting by and through its agent

Mobil Exploration & Producing U.S. Inc.

2452

TELEPHONE NO. (915) 688-

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Mobil Producing Tx. & N. M. Inc.			Lease Brunson-Argo		Well No. 12
Unit Letter H	Section 9	Township 22-S	Range 37-E	County Lea	
Actual Footage Location of Well: 589 feet from the East line and 1909 feet from the North line					
Ground level Elev. 3432	Producing Formation Drinkard		Pool Drinkard/		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

Mobil Oil Corp.

OPERATOR CERTIFICATION

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

Judy W. Dixon
Signature

Judy W. Dixon
Printed Name

Environmental & Regulatory
Position

Mobil Producing Texas & New Mexico Inc.
Company
acting by and through its agent
Mobil Exploration & Producing U.S. Inc.
Date

SURVEYOR CERTIFICATION

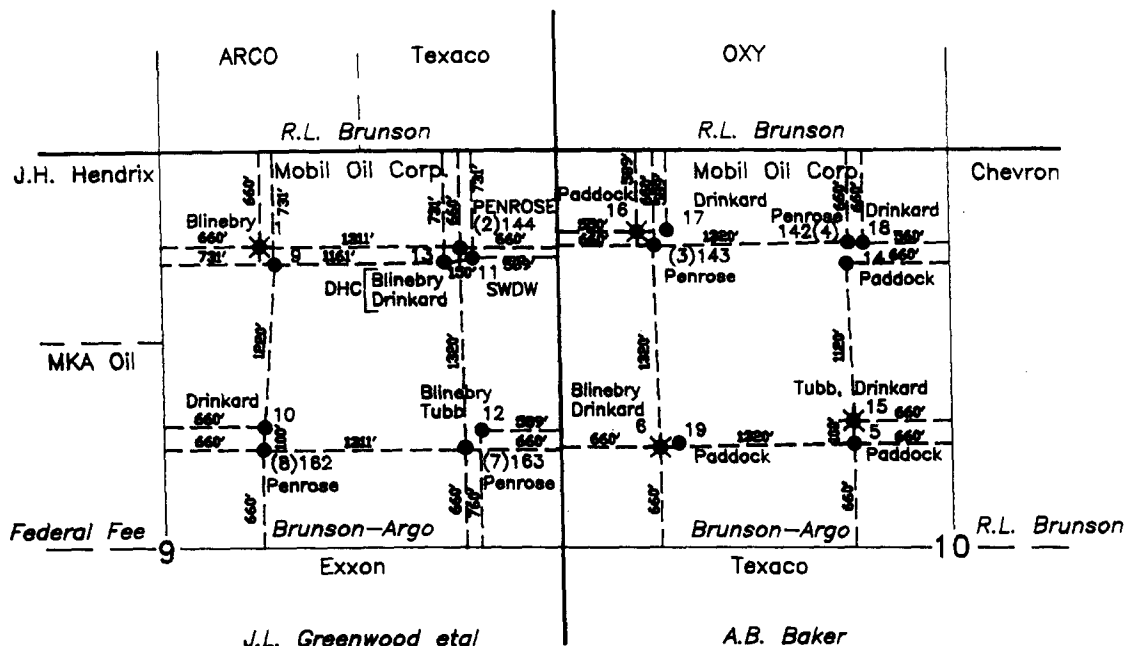
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



Reserve _____ Permit Depth _____

Special Instructions _____ PERMISSION REQUESTED TO DOWNHOLE COMMINGLE PRODUCTION FROM THE

_____ TUBB AND BLINEBRY OIL & gas pools

THE STATE OF TEXAS
COUNTY OF Midland

I hereby certify that this plat truly represents conditions as they actually exist on this lease; that said plat which is drawn to the scale indicated hereon, is to the best of my knowledge true and correct; that it accurately shows said lease with all wells on same; that number and locations of said wells are as indicated hereon; and that this plat correctly reflects all pertinent and required data.

Mobil Exploration & Producing U.S. Inc. Midland

LEASE Brunson - Argo

WELL NO. 12 DATE October, 25 19 73

LEASE NO. nm 633A-B

TOTAL ACRES IN LEASE 320 ACRES COVERED BY PLAT 320

DESCRIPTION NE 1/4 Sec. 9, NW 1/4 Sec. 10, T-22-S R-37-E

Lea County, New Mexico

DATE 1-8-81 FIELD _____

SCALE 1"=1000' FILE NO. 78

BRUNSON ARGO NO 12
LEA COUNTY, NM
CURRENT CONDITION

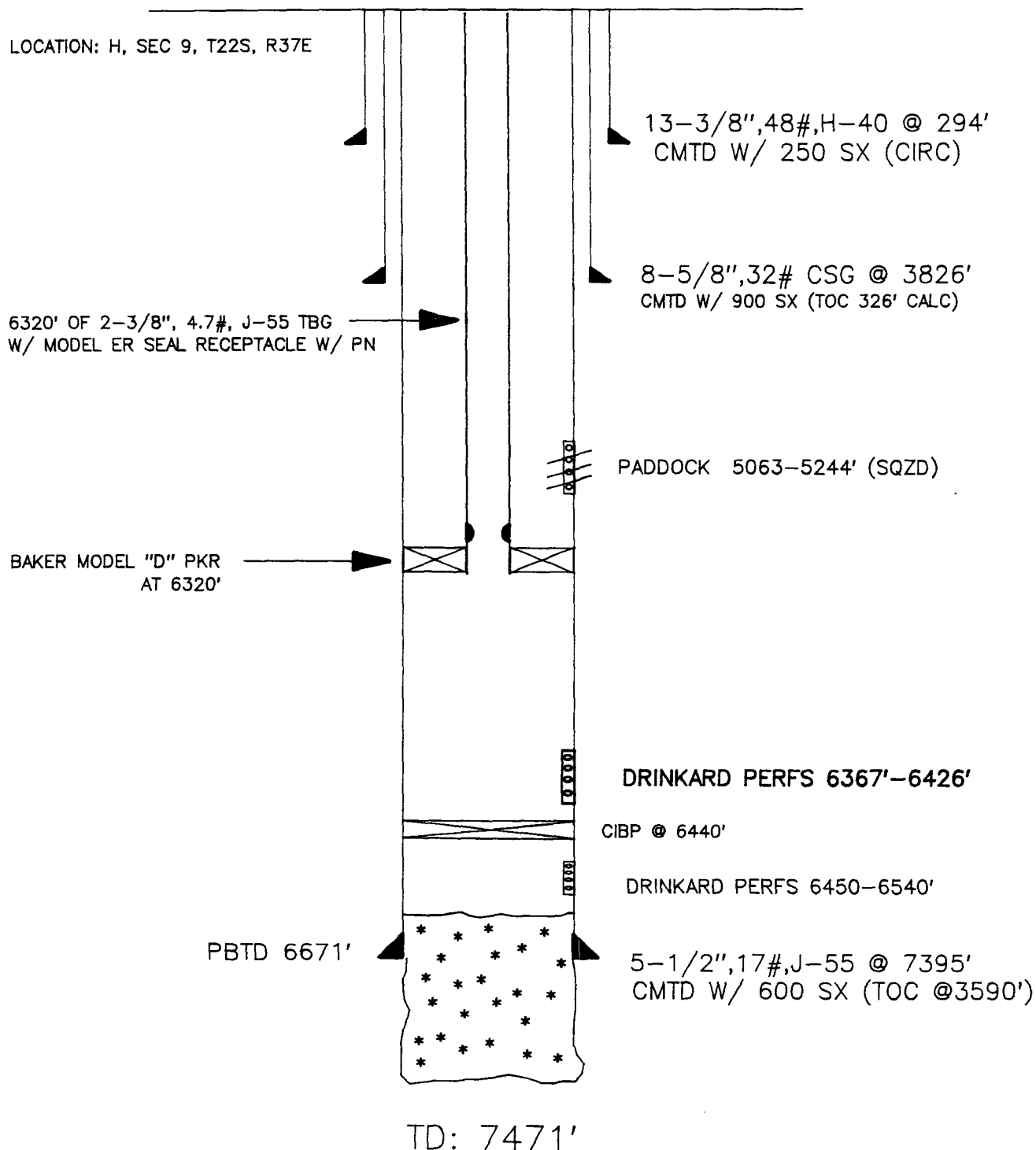
10/90
MJJ

KB: 3432'

Z: 10' AGL

GL: 3422'

LOCATION: H, SEC 9, T22S, R37E



BRUNSON ARGO NO 12
LEA COUNTY, NM
PROPOSED CONDITION

10/90
MJJ

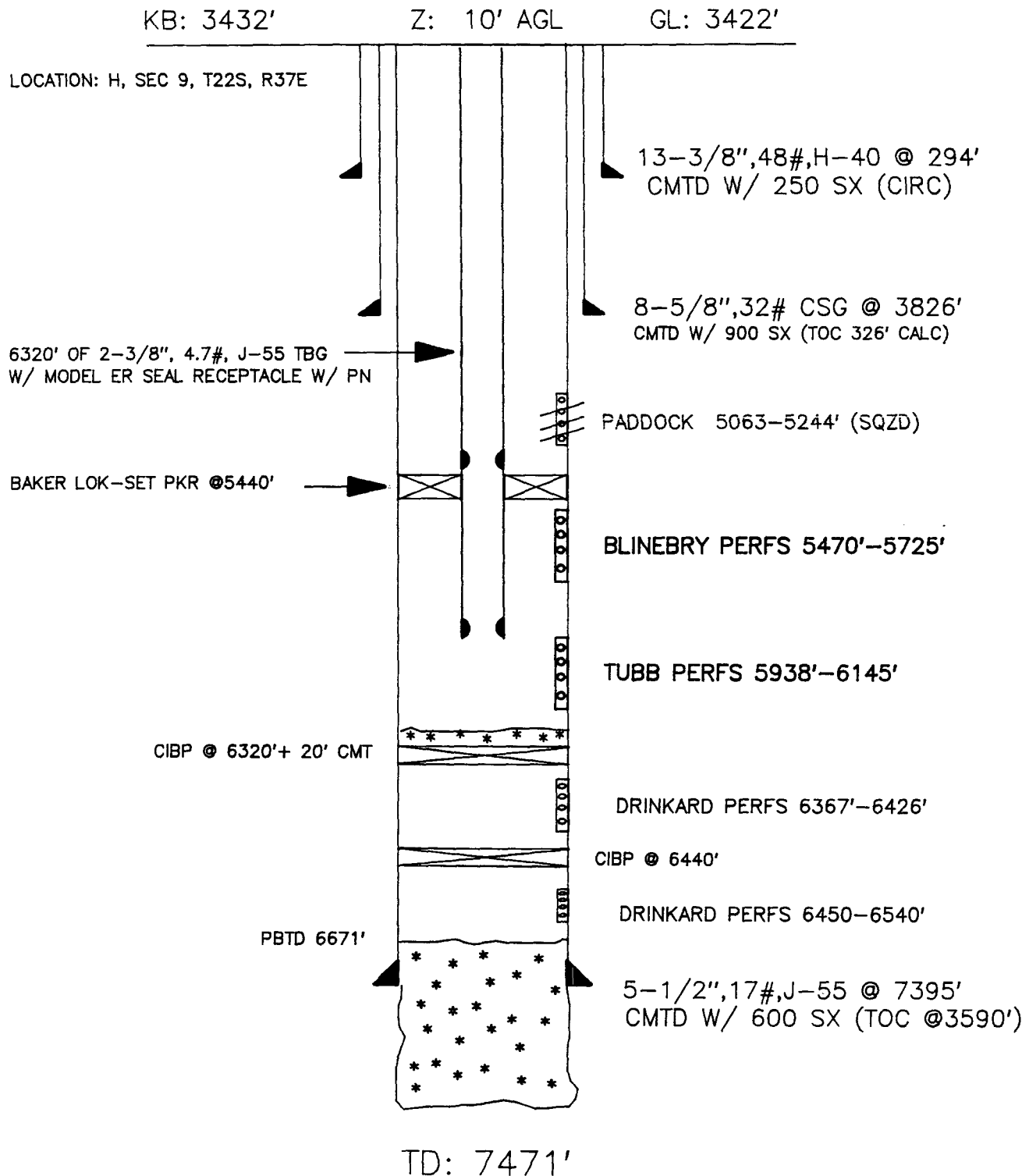


EXHIBIT "A" DATA SHEET

APPLICATION FOR EXCEPTION TO RULE 303(a) NEW MEXICO OIL CONSERVATION COMMISSION'S RULES & REGULATIONS ALLOWING DOWNHOLE COMMINGLING OF DUALY COMPLETED OIL WELLS BY ADMINISTRATIVE PROCEDURE (ORDER NO. R-3845)

1. Lease Name Brunson Argo
2. Well No. 12
3. Well Location: Unit H, 589 feet from East line,
1909 feet from North line of Section 9,
Township T-22-S Range R-37-E, Lea County,
New Mexico
4. Upper Zone Blinebry
5. Completion Interval 5470-5725'
6. Lower Zone Tubb
7. Completion Interval 5938-6145'
8. Current Productivity Test Summary

	<u>Blinebry</u> (Upper Zone)	<u>Tubb</u> (Lower Zone)
Producing Method	Proposed Valves	
Oil Bbl./day	<u>Flow</u>	<u>Flow</u>
Gas Mcf/day	<u>-0-</u>	<u>-0-</u>
Water Bbl./day	<u>100</u>	<u>50</u>
GOR	<u>-0-</u>	<u>-0-</u>
GOR Limit	<u>-----</u>	<u>-----</u>
*9. Bottom-hole Pressure of Upper Zone	<u>300</u>	<u>(Blinebry)</u>
*10. Bottom-hole Pressure of Lower Zone	<u>300</u>	<u>(Tubb)</u>
11. Fluid Characteristics of Each Zone	<u>No measurable produced volumes of oil or gas. Each gas averages a 0.68 specific gravity.</u>	
<u>*Estimated based on offset wells - (See Exhibit "C" attached)</u>		

EXHIBIT "B"

COMPUTATION OF RELATIVE
VALUES OF THE HYDROCARBON
PRODUCTIVE BEFORE AND
AFTER DOWNHOLE COMMINGLING
(STATEWIDE RULE 303-C-2-H)

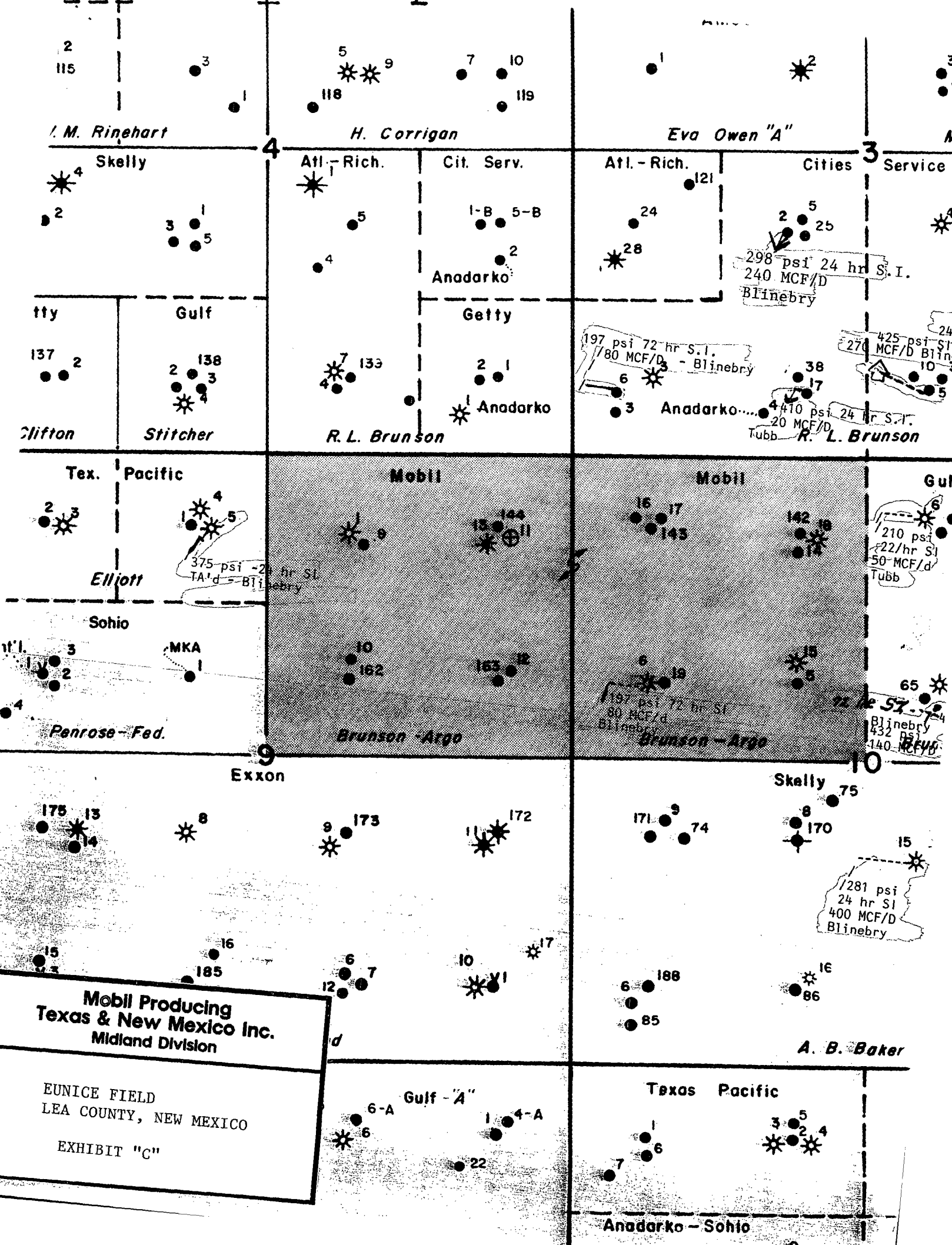
Lease and Well No. Brunson Argo #12

	<u>UPPER POOL</u> <u>PROPOSED</u>	<u>LOWER POOL</u>	<u>COMMINGLED</u>
Pool Name	Blinebry	Tubb	Tubb
Gravity, API	-----	-----	-----
Selling price/BBL.	1.50	1.50	1.50
Daily Product/BBL.	100	50	150
Daily Income	\$150.00	\$75.00	\$225.00

TOTAL DAILY INCOME (POOLS SEPARATED) \$225.00

Net difference realized from downhole commingling based on current well test=

-0- gain.



State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2068
Santa Fe, New Mexico 87504-2068

Special 2 copies to Appropriate
District Office.
DISTRICT I
P.O. Box 1500, Hobbs, NM 88240
DISTRICT II
P.O. Box 60, Aracaja, NM 88210
DISTRICT III
1000 Rio Brizos Rd., Aztec, NM 87410

GAS - OIL RATIO TEST

Operator		Pool		County		Lea										
Mobil Producing TX & NM, Inc.		Drinkard														
Address P.O. Box 633, Midland, Texas 79702		TYPE OF TEST - ()		Scheduled <input checked="" type="checkbox"/> Daily		Completion <input type="checkbox"/> Special <input type="checkbox"/>										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	TYPE OF TEST	CHOKE SIZE	TBA PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST		GAS - OIL RATIO CU/FT/REL.			
		U	S	T							R	WATER BRLS.		GRAV. OIL BRLS.	GAS MCF.	
Brunson Argo	6T	E	10	22	37	2-1-90	F	3/4"	60	24	0	37.0	0	41.0	144000	
	10	G	9	22	37	2-11-90	F	3/4"	60	24	0		1	144.0		
	12	H	9	22	37	TA'D	F	3/4"	65	24	1	37.0	0	13	--	
	13LT	A	9	22	37	2-10-90	F	3/4"	70	24	1	37.0	1	299	299000	
	15LT	F	10	22	37	2-11-90	F	3/4"		24	1		3	154	51333	
	17	D	10	22	37	2-09-90	P			24	2		9	206	22889	
	18	C	10	22	37	2-11-90	P			24	0		0	23	--	
	3T	D	34	21	37	2-11-90	F	3/4"	105	24	0		0	48	--	
	S.E. Long	3	O	11	22	37	2-01-90	F	3/4"	65	24	0	46.0	0	92	--
		6	P	11	22	37	2-10-90	F	--		24	1	46.0	0		--
	S.E. Long (Dual)	7	I	11	22	37	2-20-90	F			24	0		0	10	--

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

D.W. Parks, Jr.

D.W. Parks, Jr. Regulatory Technician

Printed name and title
5-22-90 (915) 688-2548

Date Telephone No.

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 allowable 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. scaling gravity base will be 0.60.
Report casing pressure in lbs of tubing pressure for any well producing through casing.
See Rule 301, Rule 1116 & appropriate pool rules.)

OFFSET OPERATORS

ARCO
BOX 1610
MIDLAND, TX 79702

TEXACO
BOX 3109
MIDLAND, TX 79702

J. H. HENDRIX CORPORATION
223 W. WALL, STE 525
MIDLAND, TX 79702

CHEVRON
BOX 1150
MIDLAND, TX 79702

MKA OIL COMPANY
500 W. TEXAS, STE. 1230
MIDLAND, TX 79702

OXY
BOX 50250
MIDLAND, TX 79710

ANADARKO PETROLEUM CO.
BOX 2497
MIDLAND, TX 79702

EXXON COMPANY, U.S.A.
BOX 1600
MIDLAND, TX 79702



ON DIVISION

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

HOBBS DISTRICT OFFICE

1-11-91

GARREY CARRUTHERS
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 ☒ _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Mobil Producing TX & NM Inc. Brunson Argo #12-H 9-22-37
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed