

DOYLE HARTMAN

Oil Operator

500 N. MAIN
P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011
June 11, 1991

NSL-3025-(50)
OIL CONSERVATION DIVISION
RECEIVED

'91 JUN 13 AM 9 28

FEDERAL EXPRESS/CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. William J. LeMay
State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Re: Carter-Eaves "NCT-A" No. 3
E/2 W/2 Section 6
T-24-S, R-37-E
1. Simultaneous Dedication
2. Unorthodox Location

Gentlemen:

Please find enclosed copies of NMOCD Form C-101 and C-102 corresponding to the drilling of a new infill Jalmat (Gas) Pool well to be located at an unorthodox Jalmat (Gas) location consisting of 512' FSL and 1923' FWL of Section 6, T-24-S, R-37-E, Lea County, New Mexico. The proposed new infill well is to be simultaneously dedicated to the previously approved 160-acre Carter-Eaves "NCT-A" Jalmat proration unit consisting of the E/2 W/2 Section 6, T-24-S, R-37-E. Approval for the already existing 160-acre Carter-Eaves "NCT-A" proration unit was originally granted by the NMOCD to Chevron (Gulf) under Order NSP-726 dated November 10, 1965.

We therefore request administrative approval from the NMOCD to simultaneously dedicate both our newly proposed Carter-Eaves "NCT-A" No. 3 infill Jalmat (Gas) well as well as our presently existing Carter-Eaves "NCT-A" No. 1 marginal Jalmat (Gas) well to the previously approved Carter-Eaves "NCT-A" 160-acre Jalmat proration unit.

In addition, we request administrative approval to drill the proposed new well at an unorthodox Jalmat location consisting of 512' FSL and 1923' FWL of Section 6, which is 148' south of the orthodox location consisting of 660' FSL and 1923' FWL that is currently occupied by Texaco's MLMU No. 174 well.

As discussed below, the surface area corresponding to the 160-acre Carter-Eaves "NCT-A" proration unit is today quite congested and an unorthodox location is necessitated in part by the following topographic factors:

- A. The geometrical shape of the previously approved 160-acre Carter-Eaves "NCT-A" proration unit is a stand-up rectangular 160-acre tract with dimensions consisting of 5280' X 1320'. Consequently, a new infill well can qualify as an orthodox location only if it is situated along the north-south center-line of the 160-acre tract (1923' FWL) at a distance 660 feet or greater from the north and south lines of the section and also providing the well is situated no closer than 330 feet from a quarter-section line.
- B. Numerous high pressure gas transmission lines cross the subject 160-acre tract and feed into Sid Richardson's (formerly El Paso's) Jal Plant No. 4 complex situated just north of the Carter-Eaves "NCT-A" proration unit.
- C. The 160-acre Carter-Eaves "NCT-A" proration unit also shares the surface with four MLMU Langlie Mattix wells operated by Texaco (2 producers and 2 injectors).
- D. A high voltage electrical power line runs north and south across the lease just west of and parallel to the north-south center-line of the 160-acre tract and serves the two Texaco MLMU producers situated on the tract. The existing high voltage powerline traversing the tract is located close enough to the north-south center-line so as to preclude an infill well from being drilled at an orthodox location along the north-south center-line.
- E. Oil and gas production lines are also situated on the surface and serve the two Langlie Mattix producers located on the subject 160-acre tract.
- F. Finally, water injection lines utilize part of the surface and serve Texaco's two MLMU water injection wells that are located on the subject 160-acre tract.

Besides the two enclosures pertaining to existing surface obstructions, a color-coded land plat outlining the subject 160-acre Carter-Eaves "NCT-A" proration unit and depicting the location of the existing Carter-Eaves "NCT-A" No. 1 Jalmat producing well (C-6-24S-37E) and the proposed Carter-Eaves "NCT-A" No. 3 Jalmat infill well (N-6-24S-37E) are enclosed for your review. Supplementing the enclosed color-coded land plat is a companion table describing by tract number all Jalmat (Gas) proration units (including the operators of the Jalmat rights) that offset the 160-acre Carter-Eaves "NCT-A" proration unit.

New Mexico Oil Conservation
June 11, 1991
Page 3

Complete copies of this application have also been sent by certified mail to all offsetting parties owning Jalmat (Gas) Rights as described on the enclosed land plat and supplemental table.

Very truly yours,

DOYLE HARTMAN



Patrick K. Worrell
Engineer

PKW/lr
Enclosures
555:OCD0611

cc Mr. Jerry Sexton
New Mexico Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240-1980

Texaco, Inc.
P. O. Box 3109
Midland, Texas 79702
Attention: R. S. Cornelius

ARCO Oil & Gas Company
P. O. Box 1610
Midland, Texas 79702-1610
Attention: J. A. Nicholson

Meridian Oil, Inc.
21 Desta Drive
Midland, Texas 79705
Attention: Charles Brown

Amoco Production Company
P. O. Box 3092
Houston, Texas 77253-3092
Attention: Mr. Stephen A. Reinert

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 ☐

SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Lease Name or Unit Agreement Name

Carter-Eaves "NCT-A"

2. Name of Operator

Doyle Hartman

8. Well No.

3

3. Address of Operator

P. O. Box 10426, Midland, Texas 79702

9. Pool name or Wildcat

Jalmat (T-Y-7R) Pro Gas

4. Well Location

Unit Letter N : 512 Feet From The South Line and 1923 Feet From The West Line

Section 6 Township 24-S Range 37-E NMPM Lea County

10. Proposed Depth
3600'

11. Formation
Tansill-Yates-7R

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
3347' RKB (3331.5 GR)

14. Kind & Status Plug. Bond
Blanket

15. Drilling Contractor
Cactus

16. Approx. Date Work will start
July 8, 1991

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	36	450	350 sx	Surface
8-3/4"	7"	23	3575	700 sx	Surface

Before drilling out from under surface pipe, the well will be equipped with a 3000 psi 10" Series 900 double ram hydraulic BOP and Hydril surface pipe and rams will be tested to minimum 1500 psig. Cement volumes may be adjusted to insure that the cement bedhind both the 9-5/8" and 7" casing will be brought to surface.

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 Patrick K. Worrell TITLE Engineer DATE 6-10-91

TYPE OR PRINT NAME Patrick K. Worrell

TELEPHONE NO.

(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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

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

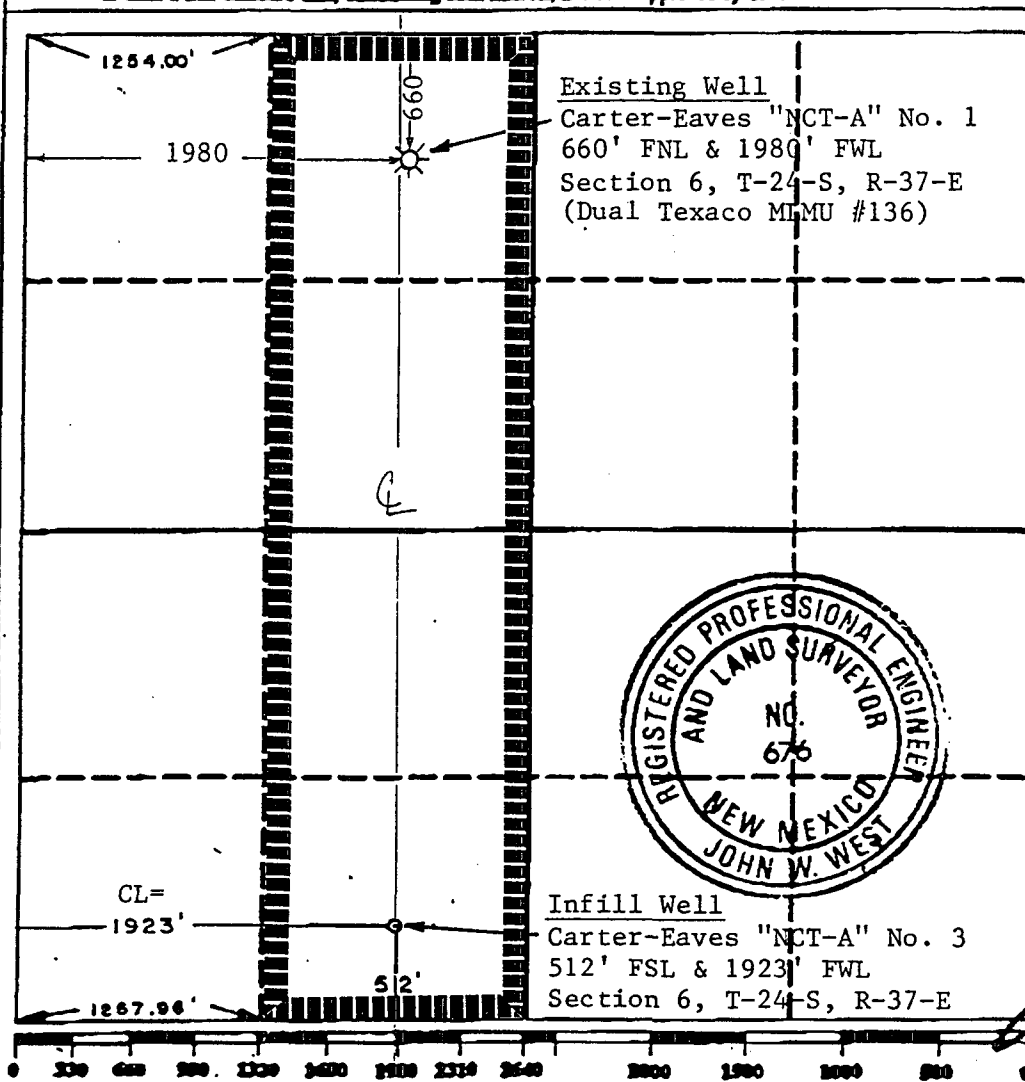
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator DOYLE HARTMAN			Lease CARTER EAVES NCT-A			Well No. 3		
Unit Letter N	Section 6	Township 24 SOUTH	Range 37 EAST	County LEA				
Actual Footage Location of Well: 512 feet from the SOUTH line and 1923 feet from the WEST line								
Ground level Elev. 3331.5		Producing Formation Yates-Seven Rivers			Pool Jalmat Gas		Dedicated Acreage: 160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or ink marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.



OPERATOR CERTIFICATION

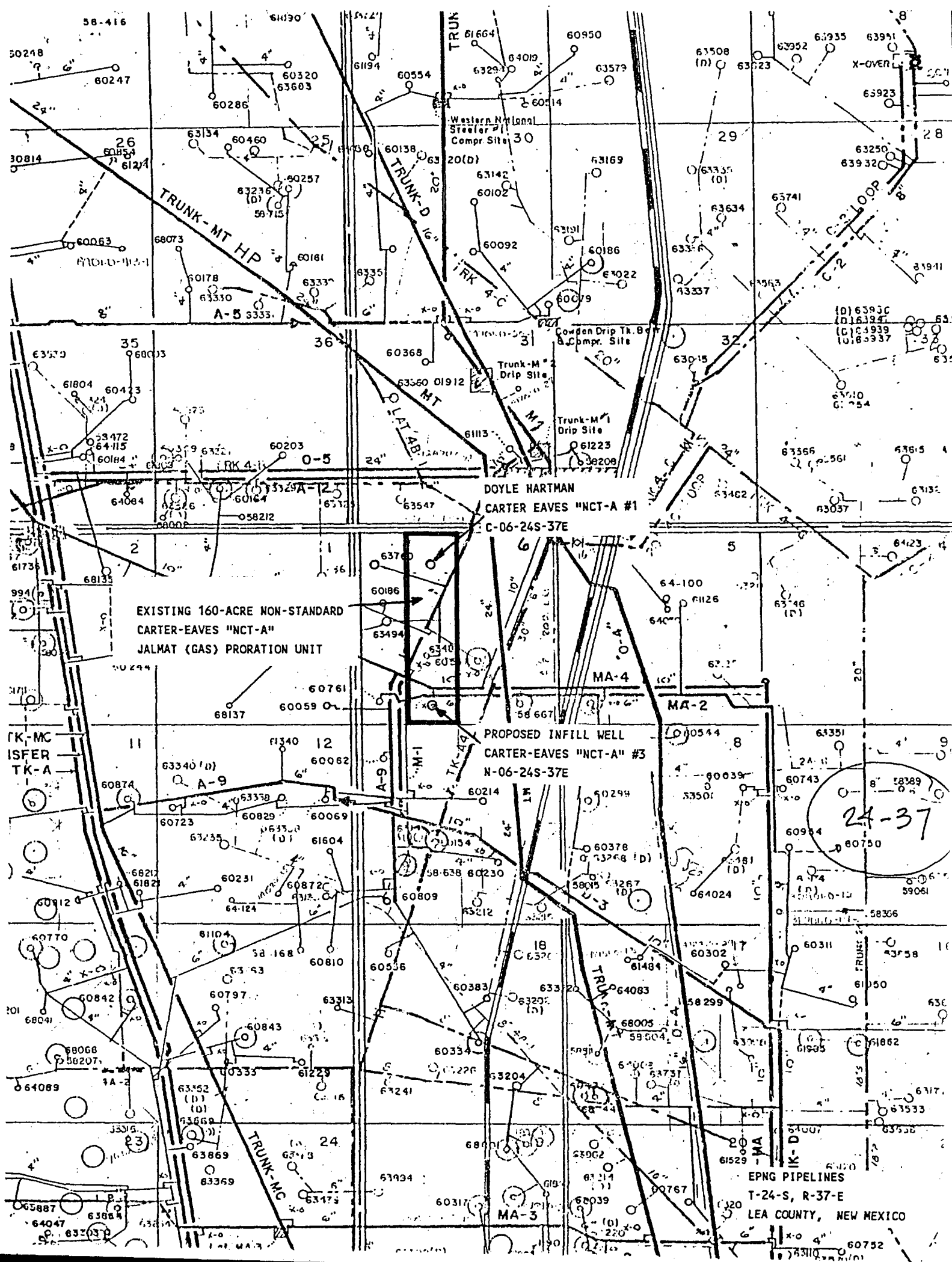
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

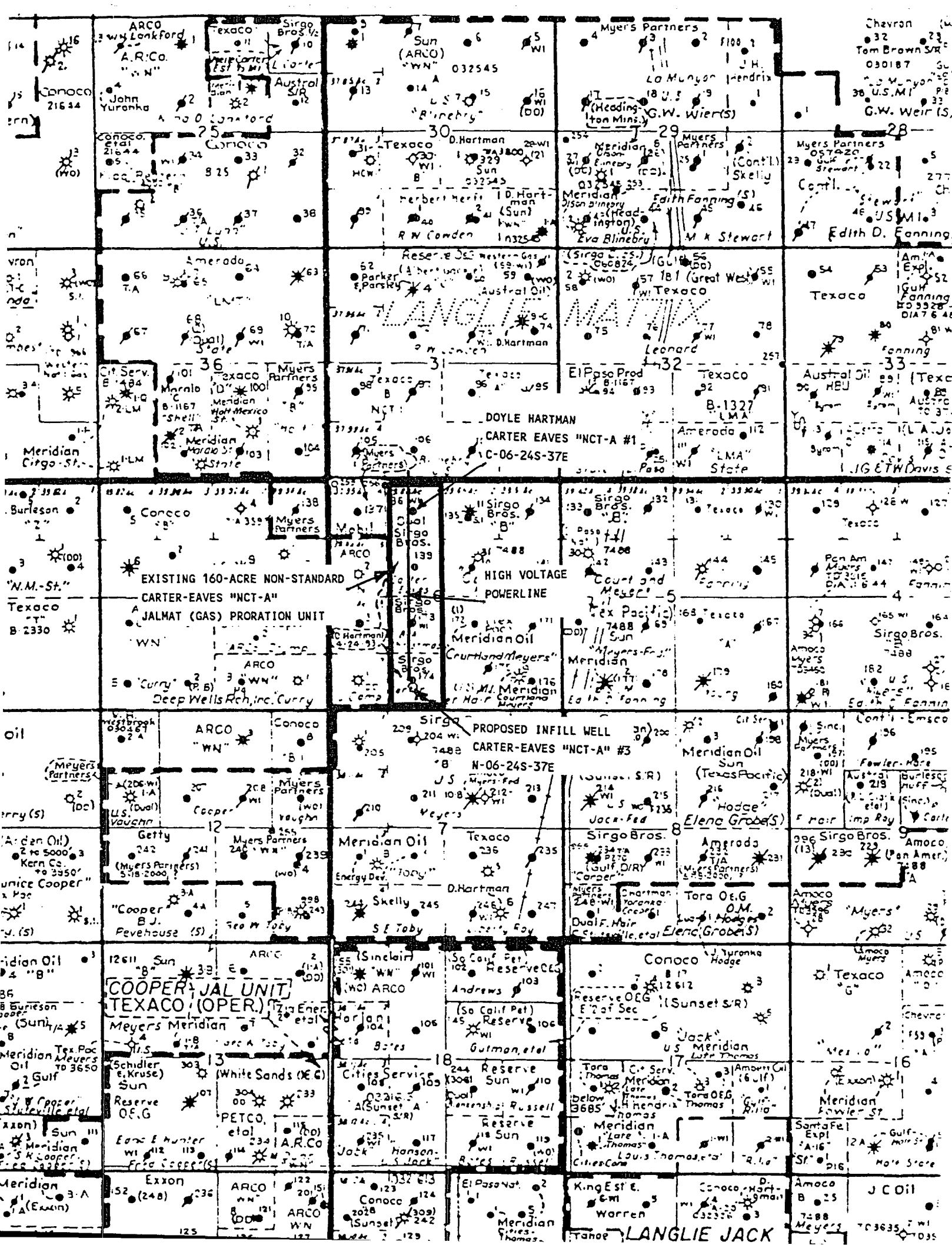
Signature
Patrick K. Worrell
Printed Name
Patrick K. Worrell
Position
Engineer
Company
Doyle Hartman
Date
June 10, 1991

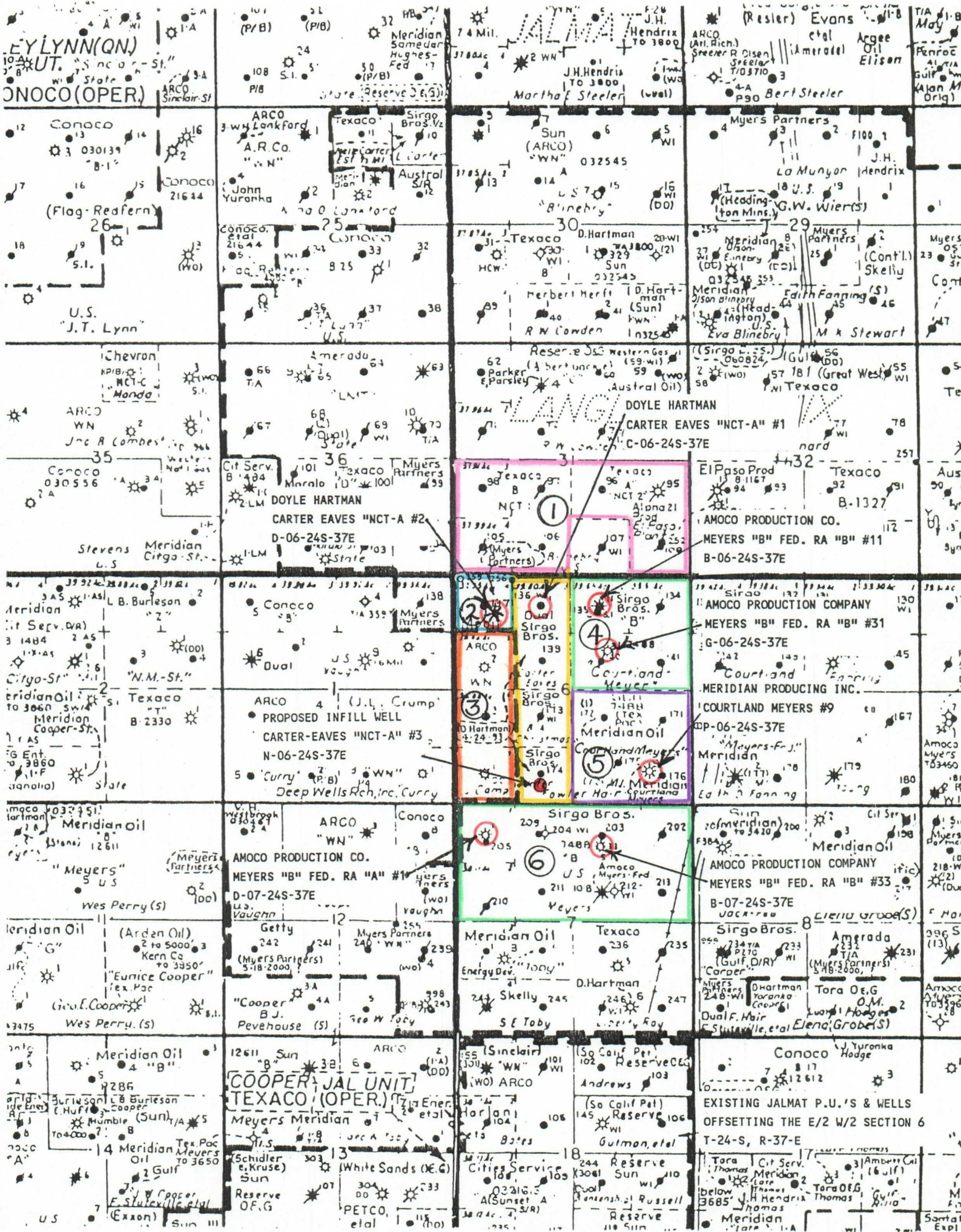
SURVEYOR CERTIFICATION

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
6-4-91
Signature & Seal of Professional Surveyor
John W. West, 676
Ronald J. Erickson, 3239







CURRENT JALMAT P.U.'S & WELLS OFFSETTING
THE E/2 W/2 SECTION 6, T-24-S, R-37-E
LEA COUNTY, NEW MEXICO

TRACT/COLOR	OPERATOR/ADDRESS	LEASE NAME AND NUMBER	LOCATION	P.U. DESCRIPTION	ACRES
1 (PINK)	TEXACO, INC. P. O. BOX 3109 MIDLAND, TX 79702	E.E. BLINEBRY "A" FED. "NCT 1 CO" #2	I-31-23S-37E	SW/4, N/2 SE/4, SE/4 SE/4 SEC. 31 & S/2 SW/4 SEC. 32, T-23-S, R-37-E	360
2 (BLUE)	DOYLE HARTMAN P. O. BOX 10426 MIDLAND, TX 79702	CARTER EAVES "NCT-A" NO. 2	D-06-24S-37E	NW/4 NW/4 SECTION 6 T-24-S, R-37-E	40
3 (ORANGE)	ARCO OIL & GAS COMPANY P. O. BOX 1610 MIDLAND, TX 79702	JIM CAMP "WN" #2	E-06-24S-37E	LOTS 5, 6 & 7 SECTION 6 T-24-S, R-37-E	113.6
4 (GREEN)	AMOCO PRODUCTION COMPANY P. O. BOX 3092 HOUSTON, TX 77253	MEYERS "B" FED. RA "B" #11 MEYERS "B" FED. RA "B" #31	B-06-24S-37E G-06-24S-37E	NE/4 SECTION 6 T-24-S, R-37-E	160
5 (PURPLE)	MERIDIAN OIL PRODUCING, INC. 21 DESTA DRIVE MIDLAND, TX 79705	COURTLAND MEYERS #9	P-06-24S-37E	SE/4 SECTION 6 T-24-S, R-37-E	160
6 (GREEN)	AMOCO PRODUCTION COMPANY P. O. BOX 3092 HOUSTON, TX 77253	MEYERS "B" FED. RA "B" #33 MEYERS "B" FED. RA "A" #1	B-07-24S-37E D-07-24S-37E	N/2 SECTION 7 T-24-S, R-37-E	320



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

'91 JUN 17 AM 10 36

6-13-91

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 _____
NSL X ✓ SA _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Doyle Hartman Carter-Eaves NCT-A #3-N 6-24-37
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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

November 10, 1965

C
O
P
Y

Gulf Oil Corporation
P. O. Drawer 1938
Roswell, New Mexico

Attention: Mr. M. I. Taylor

Administrative Order NSP-726

Gentlemen:

Reference is made to your application for approval of a 160-acre non-standard gas proration unit in the Jalmat Gas Pool consisting of the following acreage:

LEA COUNTY, NEW MEXICO
TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMFM
Section 6: E/2 W/2

It is understood that this unit is to be dedicated to your Carter Eaves (NCT-A) Well No. 1 located 660 feet from the North line and 1980 feet from the West line of said Section 6.

By authority granted me under the provisions of Order No. R-1670, as amended, you are hereby authorized to operate the above-described acreage as a non-standard gas proration unit.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JMD/esr

cc: Oil Conservation Commission - Hobbs
Oil & Gas Engineering Committee - Hobbs
Proration Department, OCC - Santa Fe