

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator Amoco Production Company		County Lea		Date March 12, 1980
Address P. O. Box 68 - Hobbs, NM 88240		Lease State "HQ"		Well No. 1
Location of Well P	Unit P	Section 26	Township 18-S	Range 34-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Bone Springs		Wolfcamp
b. Top and Bottom of Pay Section (Perforations)	9288' - 9337'		10626' - 10694'
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing		Artificial Lift

4. The following are attached. (Please check YES or NO)

- | | | |
|-------------------------------------|-------------------------------------|---|
| Yes | No | |
| ☒ | ☐ | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| ☒ | ☐ | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| ☒ | ☐ | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| ☐ | ☒ | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

See Attachment

-1

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification **March 12, 1980**.

CERTIFICATE: I, the undersigned, state that I am the District Superintendent of the Amoco Production Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Bass and Richardson
Vaughn Bldg.
P. O. Box 2760
Midland, TX 79702

Coquina Oil Corporation
P. O. Drawer 2960
Midland, TX 79702

Texas Oil & Gas Corporation
900 Wilco Bldg.
Midland, TX 79701

Gulf Oil Corporation
P. O. Box 670
Hobbs, NM 88240

Anadarko Production Company
P. O. Box 2497
Midland, TX 79702

The Wiser Oil Company
1610 C & I Building
Houston, TX 77002

HNG Oil Company
P. O. Box 2267
Midland, TX 79702



Amoco Production Company

ENGINEERING CHART

SHEET NO. _____ OF _____

FILE _____

APPN _____

DATE 2-15-80

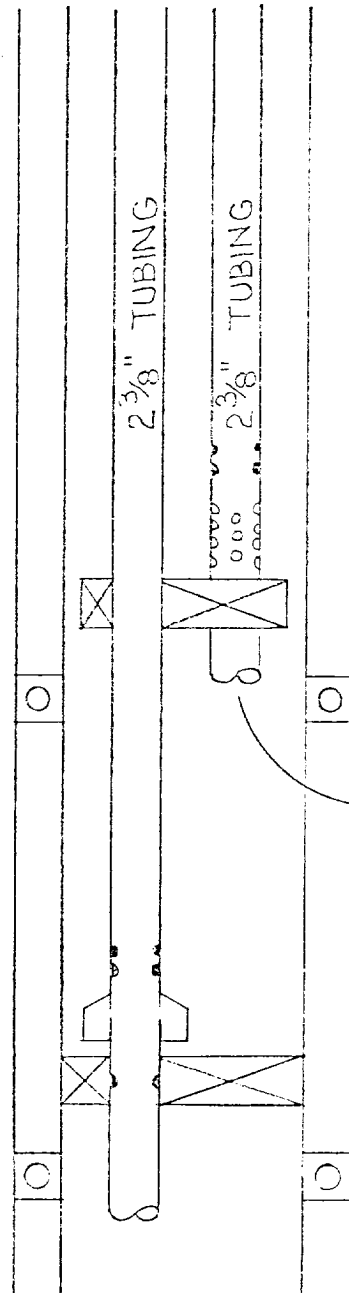
BY R.W.

SUBJECT STATE "HG." No. 1
AIRSTRIP FIELD

960' FSL & 330' FEL, SEC. 26, T-18-S, R-34-E
LEA COUNTY, NEW MEXICO

ELEVATION: 3988.8' R.D.B.
3974.8' C.L.

DUAL COMPLETION PROCEDURE



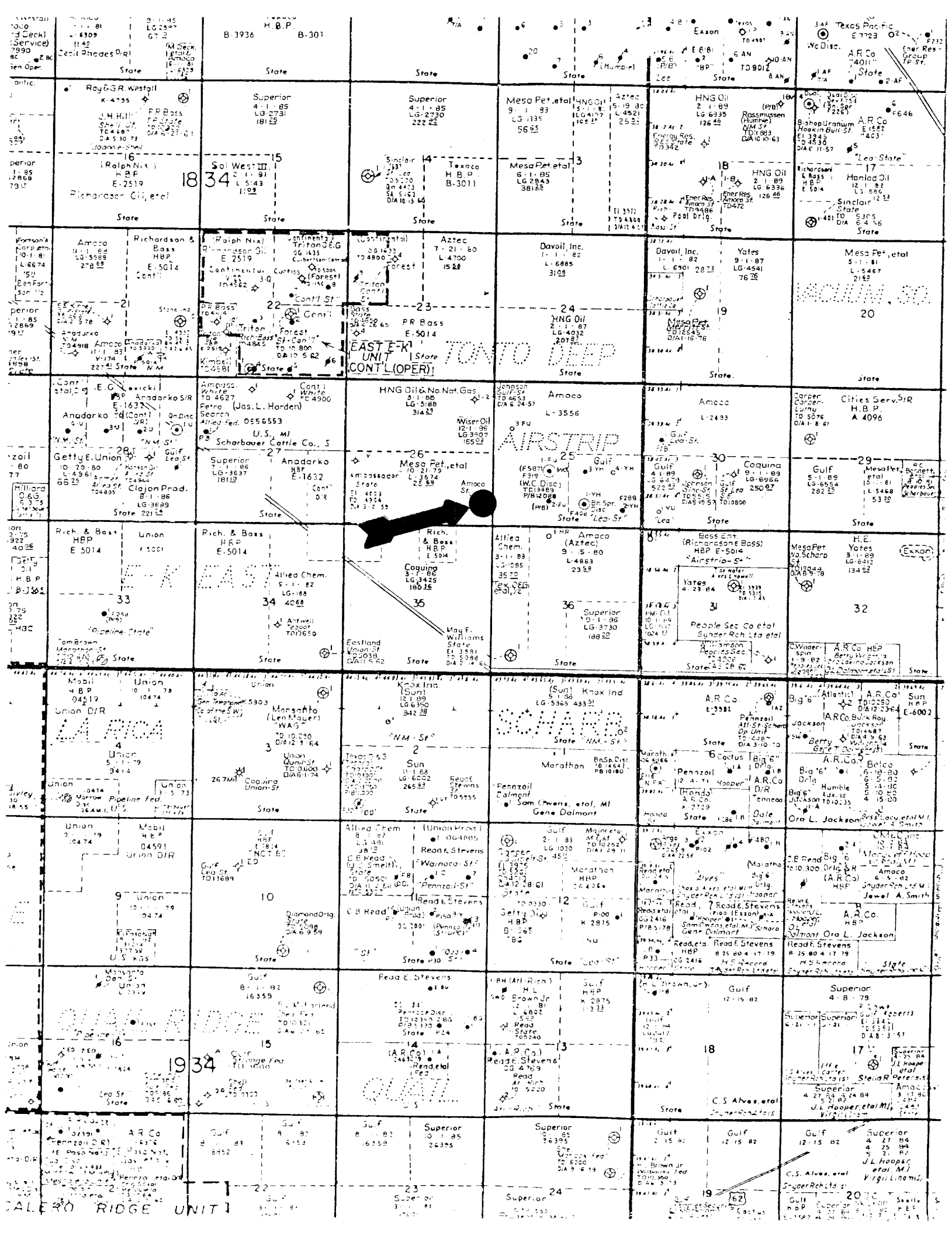
SEATING NIPPLE ABOVE PERFORATED
SUB
10' PERFORATED SUB
PARALLEL ANCHOR ASSEMBLY @ 9250

PERFS: 9228' - 9337'

1" I.D. OPENING

SEATING NIPPLE ONE JOINT
ABOVE ON/OFF TOOL.
ON/OFF TOOL JUST ABOVE PACKER.
GUIBERSON UNI VI PACKER SA 10640!
1.62" PROFILE F-NIPPLE IN PACKER.
PERFS: 10623' - 10694'

4 JTS. 2 3/8" TBG.
BENEATH PACKER.
TAILPIPE LANDED
AT 10,700'



P00 2984534

RECEIPT FOR CERTIFIED MAIL

INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNAL USE ONLY

Abstract

CONSULT POSTMASTER FOR FEES OPTIONAL SERVICES RETURN RECEIPT SERVICE REGISTERED MAIL INSURANCE POSTAGE	41¢ 80 45 1.66
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NO INSURANCE COVERAGE PROVIDED -
NOT FOR INTERNATIONAL MAIL

CONFIDENTIAL

[illegible]

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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

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| CONSULT POSTMASTER FOR FEES | | 41¢ |
| OPTIONAL SERVICES | 45 | 30 |
| RETURN RECEIPT SERVICE | | |
| STANDARD RATE | | |
| POSTAGE | | |
| CEMENTED PER | | |
| TOTAL POSTAGE AND FEES | | 1.66 |
| POSTMARK OR DATE | | |

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THE UNIVERSITY OF CHICAGO

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler (1987). The total chlorophyll content was determined by the method of Arar and Collins (1997). The carotenoid content was determined by the method of Lichtenthaler and Weil (1983). The total phenolic content was determined by the method of Singleton and Rossi (1965). The total flavonoid content was determined by the method of Zhishen et al. (1999). The total protein content was determined by the method of Lowry et al. (1951). The total lipid content was determined by the method of Folch et al. (1957). The total carbohydrate content was determined by the method of Dubois and Gilles (1950). The total ash content was determined by the method of AOAC (1990). The total acid content was determined by the method of AOAC (1990). The total base content was determined by the method of AOAC (1990). The total nitrogen content was determined by the method of Kjeldahl (1900). The total phosphorus content was determined by the method of Molybdenum blue (1900). The total potassium content was determined by the method of Flame photometry (1900). The total calcium content was determined by the method of Atomic absorption spectrometry (1900). The total magnesium content was determined by the method of Atomic absorption spectrometry (1900). The total sodium content was determined by the method of Flame photometry (1900). The total chloride content was determined by the method of Mercuric nitrate (1900). The total sulfate content was determined by the method of Barium chloride (1900). The total nitrate content was determined by the method of Cadmium reduction (1900). The total nitrite content was determined by the method of Diazotization (1900). The total nitric oxide content was determined by the method of Griess reaction (1900). The total nitric acid content was determined by the method of Nitroprusside (1900). The total nitrous acid content was determined by the method of Nitroprusside (1900). The total nitric oxide content was determined by the method of Griess reaction (1900). The total nitric acid content was determined by the method of Nitroprusside (1900). The total nitrous acid content was determined by the method of Nitroprusside (1900).

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| <p> CONSULT POSTMASTER FOR FEES
 SPECIAL SERVICES
 AFTER RECEIPT SERVICE </p> | <p> 41¢
 80 </p> |
| <p> 45 </p> | <p> 1.66 </p> |

P00 2884533

RECEIPT FOR CERTIFIED MAIL

*NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

| | | |
|--|--|-------------------|
| SENT TO
Gulf Oil Corporation
P. O. Box 670
Hobbs, NM 88240 | | POSTAGE
\$ 41¢ |
| CERTIFIED FEE
80 ¢ | | |
| SPECIAL DELIVERY
REGISTERED DELIVERY
45 ¢ | | |
| OPTIONAL SERVICES
RETURN RECEIPT SERVICE
CONSULT POSTMASTER FOR FEES | | |
| TOTAL POSTAGE AND FEES
POSTMARK OR DATE | | \$ 1.66 |



PS Form 3800, April 1976

P00 2884532

RECEIPT FOR CERTIFIED MAIL

*NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

| | | |
|--|--|-------------------|
| SENT TO
Anadarko Production Co.
P. O. Box 2497
Midland, TX 79702 | | POSTAGE
\$ 41¢ |
| CERTIFIED FEE
80 ¢ | | |
| SPECIAL DELIVERY
REGISTERED DELIVERY
45 ¢ | | |
| OPTIONAL SERVICES
RETURN RECEIPT SERVICE
CONSULT POSTMASTER FOR FEES | | |
| TOTAL POSTAGE AND FEES
POSTMARK OR DATE | | \$ 1.66 |



PS Form 3800, April 1976

P00 2884531

RECEIPT FOR CERTIFIED MAIL

*NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

| | | |
|--|--|-------------------|
| SENT TO
The Wiser Oil Company
1610 C & I Building
Houston, TX 77002 | | POSTAGE
\$ 41¢ |
| CERTIFIED FEE
80 ¢ | | |
| SPECIAL DELIVERY
REGISTERED DELIVERY
45 ¢ | | |
| OPTIONAL SERVICES
RETURN RECEIPT SERVICE
CONSULT POSTMASTER FOR FEES | | |
| TOTAL POSTAGE AND FEES
POSTMARK OR DATE | | \$ 1.66 |



PS Form 3800, April 1976