

ARCO Oil and Gas Company

Central District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 688 5200

OIL CONSERVATION DIVISION
RECEIVED

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March 14, 1991

State of New Mexico
Energy & Minerals Department
Oil Conservation Division
ATTN: David R. Catanach
P. O. Box 2088
Santa Fe, NM 87504-2088

RE: Notification of Intent to Commingle Production
ARCO Langley Boren Lease
Well Nos. 2 & 3
Langley (Strawn) Field
Lea Co., NM

Gentlemen:

This is to confirm our phone conversation regarding notification of the working interest owners of ARCO's plans to surface commingle production, after metering, from the Langley Boren Lease Well Nos. 2 & 3. Both are Strawn oil wells.

ARCO notified NMOCD by letter dated February 6, 1991, of our intent to surface commingle production. It was our understanding that we **did not** need a permit since the royalty interest ownership and base working interest ownership of the two wells is common; but, you requested us to provide you with a written notice of our intent for information purposes.

The NMOCD has since decided we need a permit to surface commingle. In order to complete our request the working interest owners needed to be notified. ARCO Oil and Gas Company notified the owners by letter dated March 14, 1991. This information should fulfill your requirements regarding this permit.

Thank you for your cooperation in this matter. If you have any questions please contact me at 915/688-5570.

Yours very truly,



Elizabeth A. Casbeer
Regulatory Analyst *ELC*

xc: Central Files - 048/MIO
Kevin Renfro - 715-32/MIO
Ken Sherman - HOO
R/C Files - 213-10/MIO

ARCO Oil and Gas Company

Central District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 688 5200

March 14, 1991

TO: Working Interest Owners

RE: Surface Commingle Permit
ARCO Langley Boren Lease
Well Nos. 2 and 3
Langely (Strawn) Field
Lea Co., NM

Gentlemen:

ARCO Oil and Gas Company has applied to the State of New Mexico for an exception to Statewide Rule 309-B to surface commingle production for the leases listed above. ARCO plans to determine lease production by individual well test.

Our request is made in the interest of operating more efficiently and economically. If you have any objections please notify the State of New Mexico within 20 days, otherwise the application will be administratively approved.

Your co-operation is greatly appreciated in this matter. If you have any questions, please contact me at 915/688-5570.

Yours very truly,



E. A. Casbeer
Regulatory Analyst 

Attachments

cc: NMOCD - David Catanach
Central Files
R/C File

**ARCO LANGLEY BOREN LEASE
WELL NOS. 2 & 3
LANGLEY (STRAWN) FIELD
LEA CO., NM**

Legal Description:

Lease: NE/4 of Section 20, T22S, R36E, Lea Co., NM
(Plat Attached)

Langley Boren #2: 330 FNL, 660 FEL
Section 20, T22S, R36E
Lea Co., NM

Langley Boren #3: 660 FNL, 1650 FEL
Section 20, T22S, R36E
Lea Co., NM

Production Horizon:

Both wells are single completion producers in the Strawn Formation.

Commingleing/Masurement Facilities:

ARCO plans to allocate well production by separately metering the production from the Langley Boren #3 and determining the Langley Boren #2 production by the subtraction method. (See attached battery facility schematic for further details.)

Well Status/History:

Langley Boren #2: Well Test - 12/1/90 - 50 BOPD, 0 BWPD, 274 MCFPD
43.8° API Oil

Langley Boren #3: Currently drilling - Spud 1/18/91

Operator Interest:

Langley Boren #2: ARCO WI = 80.831615%

Langley Boren #3: ARCO WI = 61.782300%

ARCO OIL AND GAS COMPANY
 LANGLEY BOREN #3
 ADDITIONAL EQUIPMENT
 TO BE INSTALLED TO
 EXISTING FACILITY AT
 LANGLEY BOREN #2

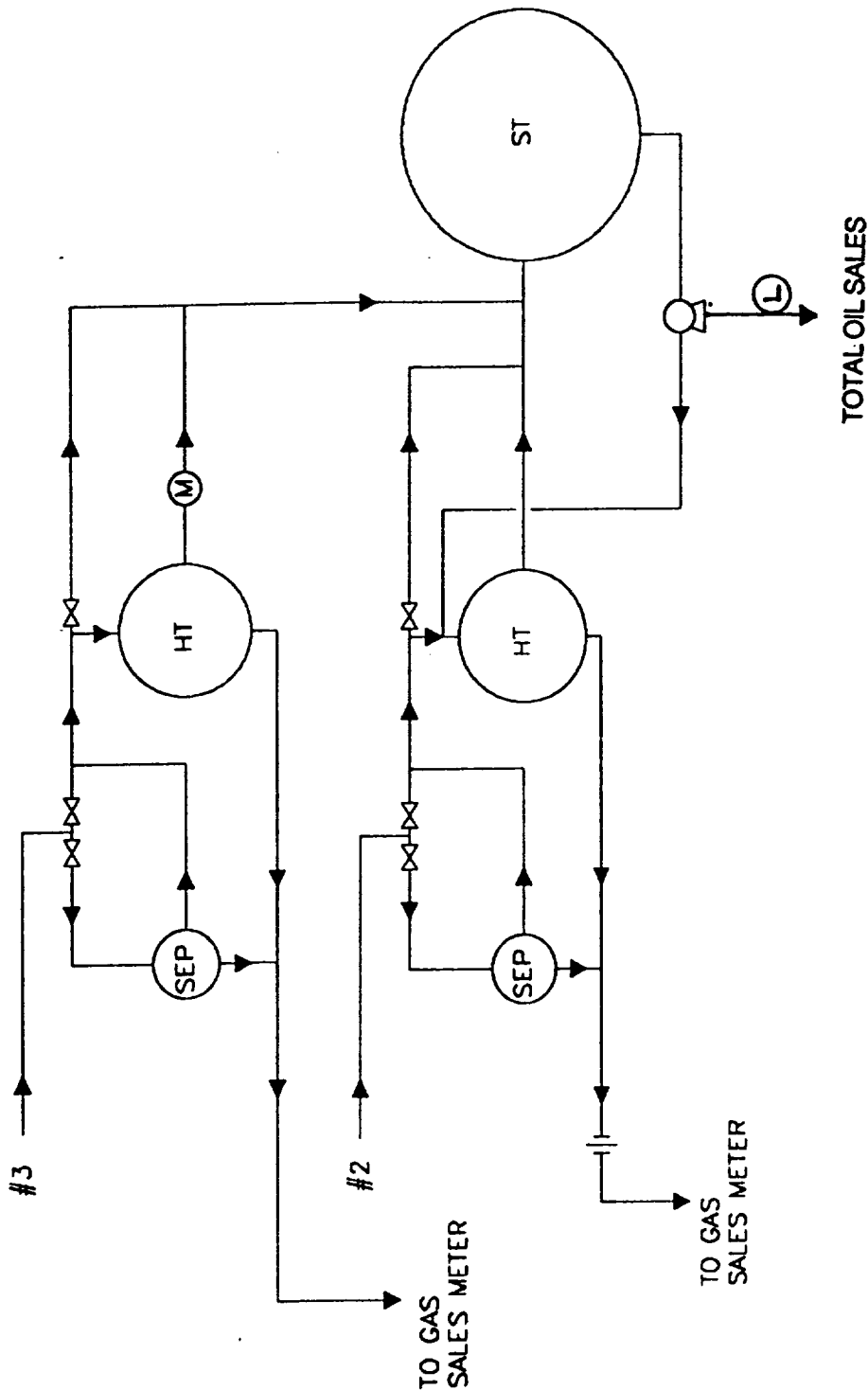
New Well (Langley Boren #3)

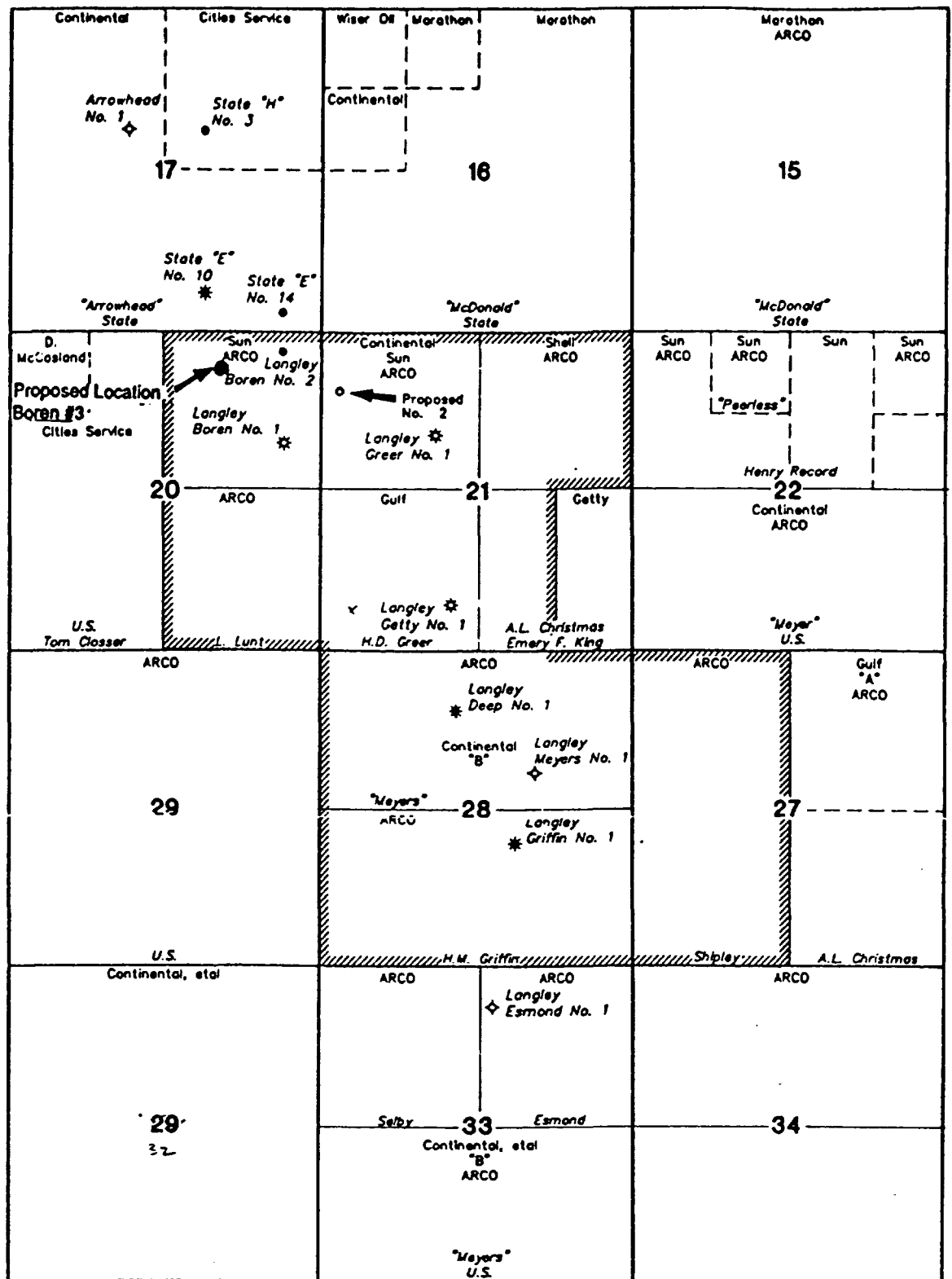
- 1) Measure gas production
at gas sales meter
- 2) Measure oil production
through meter (M)

Existing Well (Langley Boren #2)

- 1) Measure gas production
at gas sales meter
- 2) Measure TOTAL (#2 + #3) oil
production at LACT meter (L)

TOTAL - #3 meter - #2 production
 (subtraction method)





ARCO Oil and Gas Company Member of American Petroleum Institute	
Central District Midland, Texas	
LANGLEY STRAWN FIELD Lea Co., New Mexico	
Proposed LANGLEY BOREN #3	
Scale: 1"=2000'	
By: JOSH FU	Drawn By: JD Date: 8-9-95
Date: 3/90	Revised By: JD Date: 8-9-95
Title: PROPOSED BOREN #3	Drawn By: JD Date: 8-9-95

LANGLEY BOREN (OIL) #2

ARCO OIL AND GAS COMPANY
BURR, JAMES E AND LAVETA F

P. O. BOX 50233
MIDLAND, TEXAS 79710

COLL, JAMES N

P. O. BOX 1818
ROSWELL, NEW MEXICO 88201

COLL, JON F

P. O. BOX 1818
ROSWELL, NEW MEXICO 88201

COLL, CHARLES H

P. O. BOX 1818
ROSWELL, NEW MEXICO 88201

COLL II, MAX W

P. O. BOX EE
SANTA FE, NEW MEXICO 87501

CONOCO, INC.

JOINT INTEREST
10 DESTA DRIVE WEST
MIDLAND, TEXAS 79705

DALPORT OIL CORPORATION

3471 FIRST NAT'L BANK BLDG
1401 ELM STREET
DALLAS, TEXAS 75202

DAVIDSON, SANDRA L.

2825 W. SHANDON
MIDLAND, TEXAS 79705

DAVIDSON, J. A.

P. O. BOX 494
MIDLAND, TX 79701

HEALEY, JOHN H

P. O. BOX 1901
MIDLAND, TX 79702

HYER, REGINALD F

4305 N GARFIELD SUITE 221
MIDLAND, TX 79705-4337

IRWIN, ESTATE OF WALLACE W

1911 W MISSOURI

MIDLAND, TX 79702

IRWIN, KATHLEEN

1911 W. MISSOURI

MIDLAND, TX 79701

FIRST NAT'L BANK OF SANTA FE

TRUSTEE U/A LAMAR LUNT ET UX,

P. O. BOX 609

SANTA FE, NEW MEXICO 87501

SCOPE ENERGY RESOURCES

233 WILSHIRE BLDG SUITE 790

SANTA MONICA, CA 90401

STEPHENS, AUTREY C

110 ONE MARIENFELD PLACE

MIDLAND, TX 79701

TODD, JR. W. L.

3741 FIRST NAT'L BANK BLDG

1401 ELM STREET

DALLAS, TX 75202

TRES PETROLEUM INC

4305 N. GARFIELD SUITE 221

MIDLAND, TEXAS 79705-4337

WRIGHT JR. EDWARD

P. O. BOX 8462

DALLAS, TEXAS 75205

LANGLEY BOREN #3

ARCO OIL AND GAS COMPANY

BAUERDORF, T & C CARTWRIGHT
CO TR U/W G E BAUERDORF
9363 WILSHIRE BLVD SUITE 211
BEVERLY HILLS, CA 90210

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