



ARCO Permian

600 North Marienfeld
Midland, TX 79701-4373
P.O. Box 1610

Midland, TX 79702-1610

Telephone 915-688-5570
Facsimile 915-688-5956
Email ecasbee@mail.arco.com

Elizabeth A. Casbeer
Regulatory/Compliance Analyst

CTB 5/30/00
498

- 8

May 3, 2000

New Mexico Oil Conservation Division
ATTN: Mark Ashley
2040 S. Pacheco Street
Santa Fe, New Mexico 87505

RE: Application to Surface Commingle
Fredrick H. Curry & WN Cooper Leases
Jalmat Pool *Tract 24-S, R-36-E*
Sections 1 & 12, T-24-S, R-36-E
Lea Co., NM

Gentlemen:

ARCO Permian requests approval to surface commingle by gathering gas from one lease, transport to another lease, compress the gas in one compressor, and sell through one central sales point. The gas will be metered separately prior to movement off lease and the individual lease volumes will be allocated back to each lease based on the ratio of the lease volumes to the total sales volumes. The volume for the WN Cooper will be determined by deducting the volume of the other wells from the master sales meter. All meters will be electronic flow measurement devices that are very reliable and accurate. The two leases are the:

Fredrick H. Curry Well Nos. 1 & 3 located in the SE/4 of Sec. 1, T-24-S, R-36-E, Lea Co. NM
WN Cooper Well No. 3 located in the NE/4 of Sec. 12, T-24-S, R-36-E, Lea Co. NM

Production for all wells is from the Jalmat. Working interest ownership and royalty interest ownership lists for each ~~lease are attached.~~ All working and royalty interest owners have been notified by certified mail today and an affidavit is attached.

A schematic of the plan is attached and the Fredrick H. Curry wells will be metered separately through orifice meters on lease prior to central compression.

The economic justification for gathering the gas to one central compressor is based on a reduction in operating costs. By tying the Fredrick H. Curry into the compressor at the WN Cooper lease, the compression costs is substantially reduced by utilizing surplus capacity and spreading out the cost of the compressor purchase.

A list of the last 30 days gas rate and a gas analysis for each well is attached.

Commingleing the leases into one central compressor will increase revenue to royalty and working interest owners and will increase ultimate recovery from the lease by reducing flowline pressure below current sales line limits.

Your cooperation in this matter will be appreciated. If you have any questions, please contact me at 915/688-5570. Please send your approval to proceed to my attention at the address listed above.

Yours very truly,

Elizabeth A. Casbeer
Elizabeth A. Casbeer
Regulatory Compliance Analyst

Attachments

xc: Dennis Braaten - 023/MIO
Larry Henson - EUN
Bob Younger - 023/MIO
Central Files - 41/MIO
R/C Files

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

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

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

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER ☒

2. Name of Operator

ARCO Permian

3. Address of Operator

P.O. Box 1610 Midland, TX 79702

7. Lease Name or Unit Agreement Name

Fredrick H. Curry & WN Cooper

8. Well No.

9. Pool name or Wildcat

Jalmat

4. Well Location

Unit Letter _____ Feet From The _____ Line and _____ Feet From The _____ Line

Section **1 & 12** Township **24-S** Range **36-E** NMPM **LEA** County

10. Elevation. (Show whether DF, RKB, RT, GR, etc.)

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: SURFACE COMMINGLING ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: _____ ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

PLANS TO SURFACE COMMINGLE - COMMINGLE GAS ON THE FREDRICK H. CURRY WELL NOS. 1 & 3
AND WN COOPER WELL NO. 3
ALL WELLS ARE IN THE JALMAT POOL

LOCATION: SECTION 1 & 12, T-24-S, R-36-E, LEA COUNTY

MAP ATTACHED SHOWING LOCATION OF ALL WELLS.

SCHEMATIC DIAGRAM ATTACHED SHOWING WELLS, SEPARATION & METERING.

ESTIMATED PRODUCTION APPROXIMATELY 200 MCFPD

MEASUREMENT & ALLOCATION PROCEDURES - METERING SEPARATELY (REFERENCE LETTER FOR DETAILS)

ALL INTEREST OWNERS WERE NOTIFIED ON MAY 3, 2000 BY CERTIFIED MAIL.

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

SIGNATURE

Elizabeth A. Casbeer

TITLE REG/COMP. ANALYST

DATE 5/3/00

TYPE OR PRINT NAME ELIZABETH A. CASBEER

TELEPHONE NO. 915-688-5570

(This space for State Use)

APPROVED BY _____

TITLE _____

DATE _____

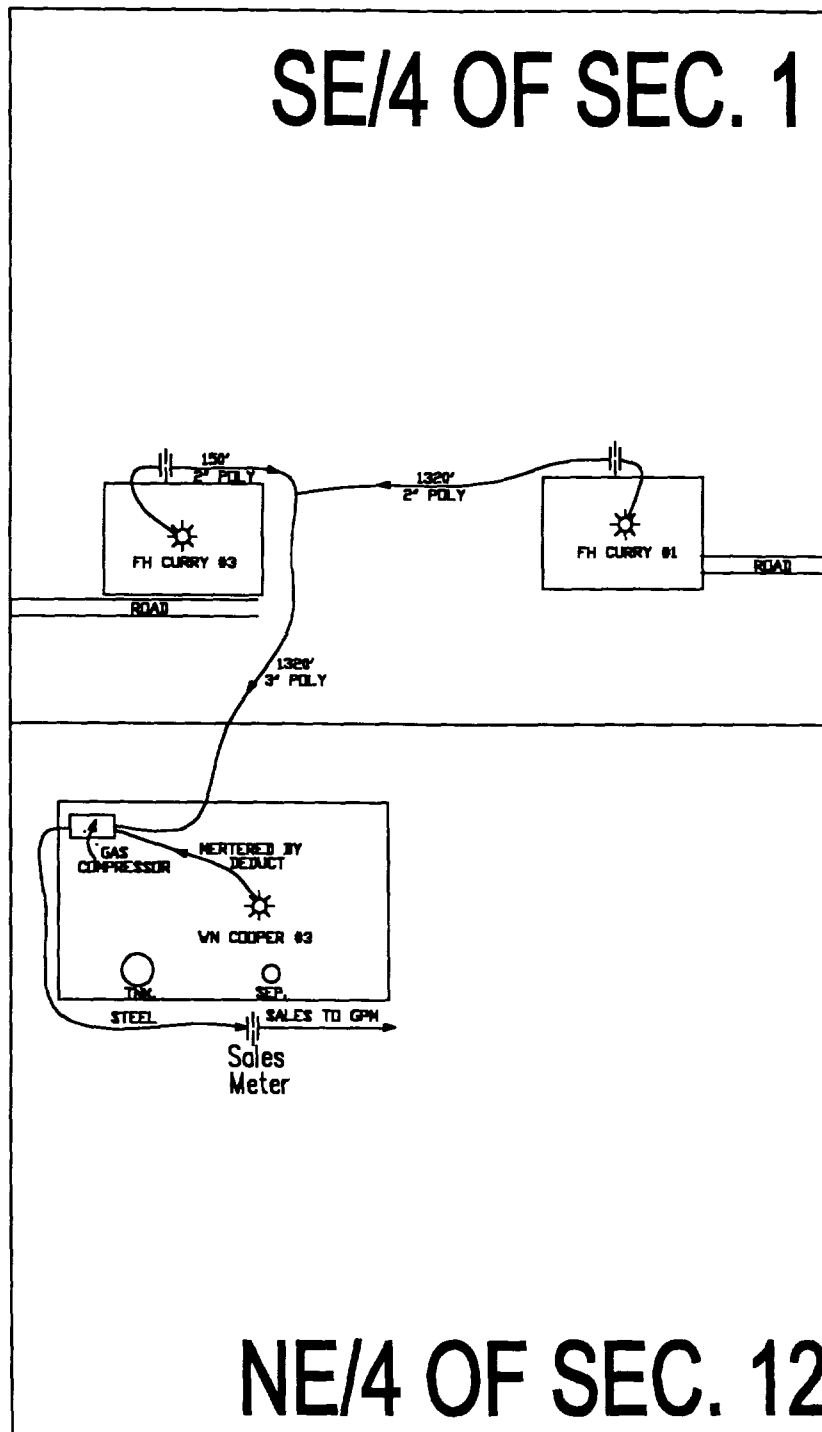
CONDITIONS OF APPROVAL, IF ANY

Schematic of Proposed FH Curry / WN Cooper Commingling Facilities

||| = Meter ☼ = Jalmat Well
~~~~~ = New Flowlines

T-24-S R-36-E

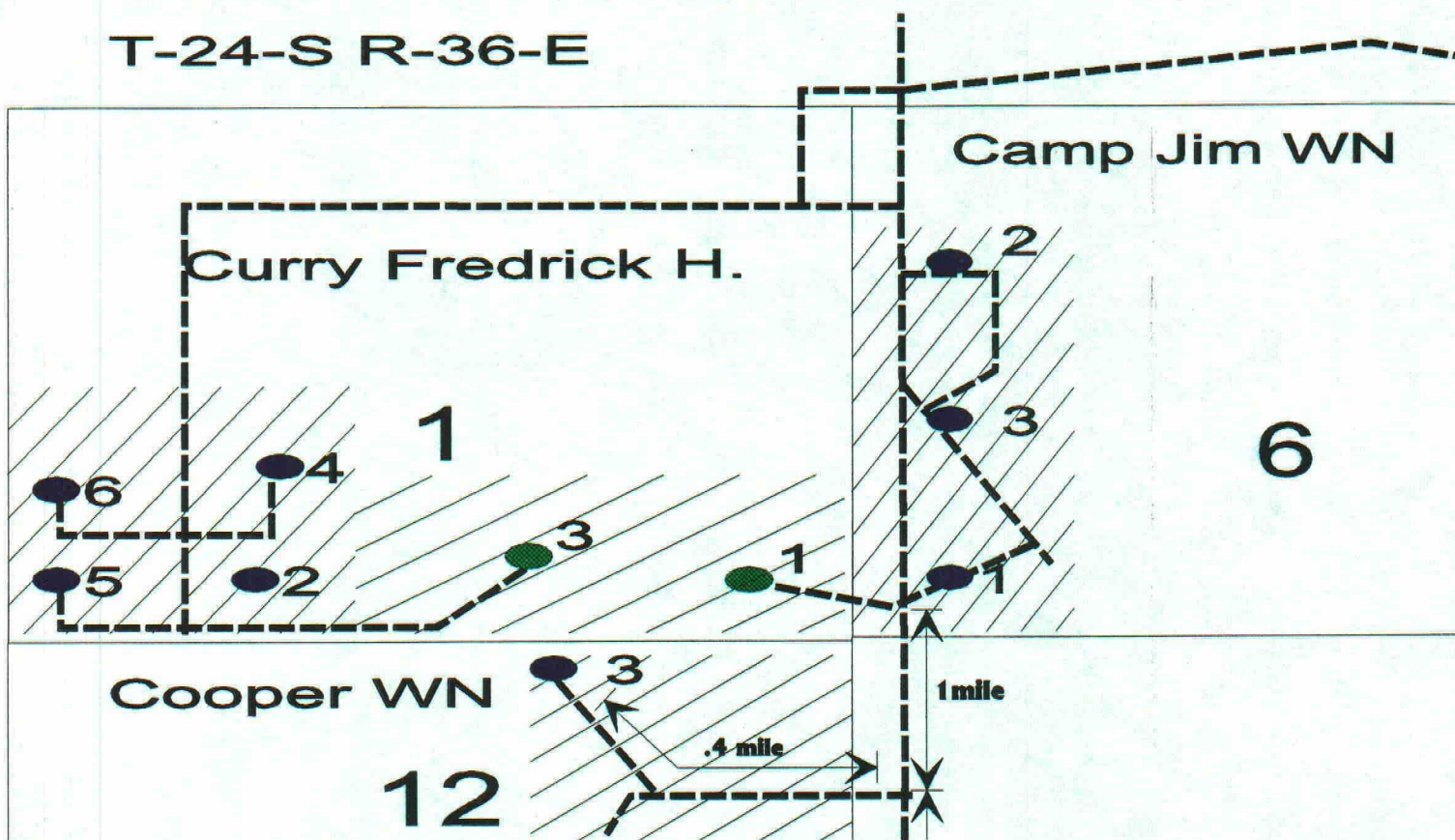
SE/4 OF SEC. 1

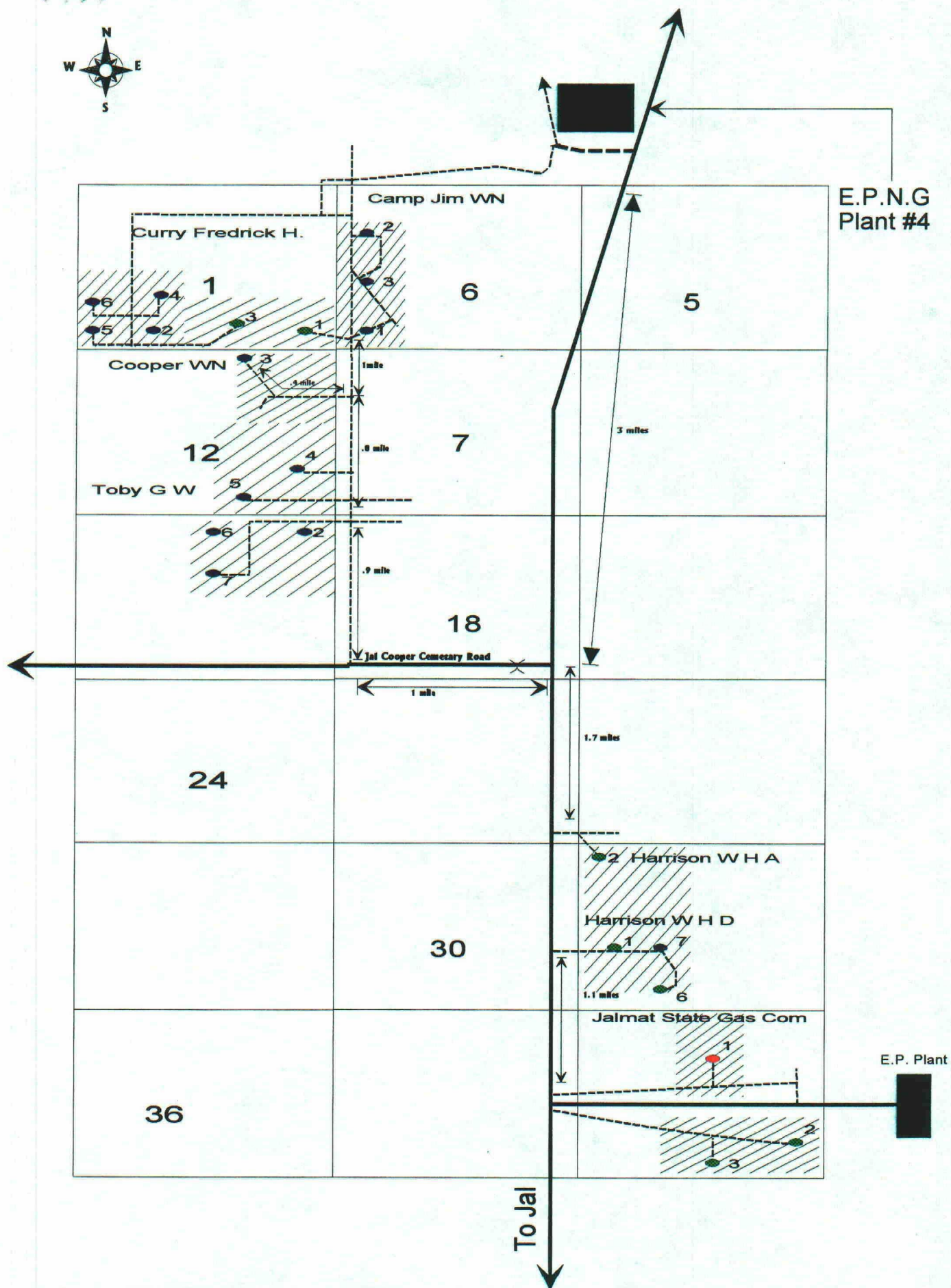


T-24-S R-36-E

Camp Jim WN

Curry Fredrick H.





**Cooper WN, Fredrick H. Curry, G W Toby, Jim Camp, W H Harrison, Jalmat State.**  
**Township 24**

● = P&A'd

● = Plungers

● = Pumping Gas

● = Natural Flowing

● = Pumping Electric

● = Shut In

GPM GAS COMPANY, LLC  
CERTIFICATE OF ANALYSIS

FEBRUARY 10, 2000

2/10/2000



ARCO PERMIAN

RECEIVED TIME

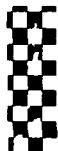
METER ID: 0600-096046-00  
RUN-NBR: 1094002  
PRODUCER: ARCO PERMIAN  
TITLE: COOPER HW #3  
H2S 52.0  
HE 13.00  
N2 0.000  
O2 1.204  
C02 0.000  
C01 0.777  
C2 72.076  
C3 11.372  
IC4 2.819  
IC5 0.839  
NC4 0.884  
NC5 0.305  
C6+ 0.276  
TOTAL 100.000  
PCTS: 0.108  
SPECIFIC GRAV: 0.817  
GPM: 3.023  
TEST CAR EQ. GPM: 1.068  
DEL COND: 1352.0  
SAT: 1365.0  
H2S GRAINS: 000067.932

METER ID: 0600-096047-00  
RUN-NBR: B1094003  
PRODUCER: ARCO PERMIAN  
TITLE: CURRY FREDRICK H #1  
H2S 53.0  
HE 13.00  
N2 0.000  
O2 1.300  
C02 0.000  
C01 1.108  
C2 73.095  
C3 9.575  
IC4 3.093  
IC5 1.060  
NC4 0.934  
NC5 0.336  
C6+ 0.567  
TOTAL 100.000  
PCTS: 0.000  
SPECIFIC GRAV: 0.827  
GPM: 2.545  
TEST CAR EQ. GPM: 1.316  
DEL COND: 1370.7  
SAT: 1358.1  
H2S GRAINS: 000000.000

METER ID: 0600-096048-00  
RUN-NBR: 1094002  
PRODUCER: ARCO PERMIAN  
TITLE: CURRY FREDRICK HW #2  
H2S 56.0  
HE 13.00  
N2 0.000  
O2 1.597  
C02 0.000  
C01 0.495  
C2 73.651  
C3 9.101  
IC4 6.785  
IC5 1.109  
NC4 3.088  
NC5 1.034  
C6+ 0.372  
TOTAL 100.000  
PCTS: 0.016  
SPECIFIC GRAV: 0.833  
GPM: 2.419  
TEST CAR EQ. GPM: 1.428  
DEL COND: 1376.4  
SAT: 1308.0  
H2S GRAINS: 000010.303

METER ID: 0600-096052-00  
RUN-NBR: 1094001  
PRODUCER: ARCO PERMIAN  
TITLE: COMBEST, JOHN P. MIX  
H2S 48.0  
HE 13.00  
N2 0.000  
O2 1.952  
C02 0.000  
C01 0.080  
C2 77.265  
C3 5.733  
IC4 0.926  
IC5 0.769  
NC4 2.340  
NC5 0.783  
C6+ 1.064  
TOTAL 100.000  
PCTS: 0.000  
SPECIFIC GRAV: 0.770  
GPM: 2.431  
TEST CAR EQ. GPM: 0.994  
DEL COND: 1300.3  
SAT: 1286.7  
H2S GRAINS: 000000.000

THE EFFECTIVE DATE SHOWN ON EACH SAMPLE DETERMINES WHEN THE ANALYSIS WILL BE USED FOR SETTLEMENT.



GPM GAS COMPANY, LLC  
CERTIFICATE OF ANALYSIS

FEBRUARY 10, 2000

2/10/2000



ARCO PERMIAN

RECEIVED TIME

METER ID: 0680-705162-00  
RUN-NBR: 1094001  
PRODUCER: ARCO PERMIAN  
TITLE: PHILLIPS JR "B" W7  
H2S ME N2 O2 C02 C1 C2 C3 IC4 NC4 IC5 NC5 C6+ TOTAL  
FLOW TEMP: 31.0  
FLOW PRES: 08.00  
SPECIFIC GRAV: 0.99580  
TEST CAR EQ. GPM: 0.827  
TEST CAR EQ. GPM: 0.919  
3TU 214.65 PSIA - SAT: 1233.5 DEL COND: 1249.5  
H2S GRAINS: 801444.613  
EFFECTIVE: 02/01/00  
PLANTS & SYSTEMS LAB

APR. 25, 2:09PM

METER ID: 0680-705162-00  
RUN-NBR: 1094001  
PRODUCER: ARCO PERMIAN  
TITLE: FREDERICK CURRY W3  
H2S ME N2 O2 C02 C1 C2 C3 IC4 NC4 IC5 NC5 C6+ TOTAL  
FLOW TEMP: 48.0  
FLOW PRES: 12.00  
SPECIFIC GRAV: 0.99574  
TEST CAR EQ. GPM: 0.797  
TEST CAR EQ. GPM: 1.236  
3TU 214.65 PSIA - SAT: 1324.0 DEL COND: 1357.6  
H2S GRAINS: 809000.000  
EFFECTIVE: 02/01/00  
PLANTS & SYSTEMS LAB

PRINT TIME

METER ID: 0297-708912-00  
RUN-NBR: 05006  
PRODUCER: ARCO PERMIAN  
TITLE: JOHNSON, J.L. "B"  
H2S ME N2 O2 C02 C1 C2 C3 IC4 NC4 IC5 NC5 C6+ TOTAL  
FLOW TEMP: 55.0  
FLOW PRES: 20.00  
SPECIFIC GRAV: 0.99567  
TEST CAR EQ. GPM: 0.815  
TEST CAR EQ. GPM: 0.594  
3TU 214.65 PSIA - SAT: 1307.5 DEL COND: 1321.2  
H2S GRAINS: 800278.018  
EFFECTIVE: 02/01/00  
PLANTS & SYSTEMS LAB

APR. 25, 2:11PM

METER ID: 0680-711217-00  
RUN-NBR: 1094005  
PRODUCER: ARCO PERMIAN  
TITLE: BYRD GAS COM W8  
H2S ME N2 O2 C02 C1 C2 C3 IC4 NC4 IC5 NC5 C6+ TOTAL  
FLOW TEMP: 51.0  
FLOW PRES: 11.00  
SPECIFIC GRAV: 0.99576  
TEST CAR EQ. GPM: 0.835  
TEST CAR EQ. GPM: 0.982  
3TU 214.65 PSIA - SAT: 1220.9 DEL COND: 1240.2  
H2S GRAINS: 801641.690  
EFFECTIVE: 02/01/00  
PLANTS & SYSTEMS LAB

THE EFFECTIVE DATE SHOWN ON EACH SAMPLE DETERMINES WHEN THE ANALYSIS WILL BE USED FOR SETTLEMENT.

Post-it® Fax Note 7671

|                        |                      |                      |
|------------------------|----------------------|----------------------|
| To: <i>Bob Younger</i> | Date: <i>4/25/00</i> | # of pages: <i>2</i> |
| Co./Dept.              | From: <i>Dotti</i>   |                      |
| Phone #                | Co.                  |                      |
| Fax #                  | Phone #              |                      |
|                        | Fax #                |                      |

Supv H44  
PA: 18

COOPER WN # 3

Well Code: 12011086

API No: 3002524401

ICOR Prop: 642421005

Orig. Comp Date: 05/01/73

Field Name: JALMAT

PBTD: 3450

County: LEA

TD: 3630

Location: B 0660 FNL 1980 FEL 12-24S-36E

RKB: 10.0

WI: 1.000000

NRI Oil: 0.824215

Status: 9/1/1987AC

Prod. Meth: PE Type: PG

NRI Gas: 0.824215

|                            | Size: | Weight: | Grade: | Set @ | Cmt Sx: | TOC:  |
|----------------------------|-------|---------|--------|-------|---------|-------|
| <b>SURFACE CASING</b>      | 9.625 | 36.0    | J-55   | 429   | 250     | SURF. |
| <b>INTERMEDIATE CASING</b> |       |         |        |       |         |       |
| <b>PRODUCTION CASING</b>   | 7.00  | 23.0    | J-55   | 3630  | 500     | CIRC  |
| <b>LINER</b>               |       |         |        |       |         |       |
|                            |       |         |        | TOL:  | BOL:    |       |

| FORMATION | Top Perf | Bot Perf | OH Perf | Reason |
|-----------|----------|----------|---------|--------|
| 1. JALMAT | 2931     | 3400     |         |        |
| 2.        |          |          |         |        |
| 3.        |          |          |         |        |

| UNIT  | Manufacturer: | American | MOTOR     | Manufacturer: | Westinghouse | SPM:       | 9.6  |
|-------|---------------|----------|-----------|---------------|--------------|------------|------|
| Type: | Gr Box:       | BM Ld:   | Max Strk: | Rotation:     | UnSheave:    | Size:      | 10   |
| C     | 80            |          | 48        | CW            |              | MO Sheave: |      |
|       |               |          |           |               |              | SL:        | 48   |
|       |               |          |           |               |              | RPM:       | 1125 |

| TUBING | Size: | Grade: | Thread | Coat   | # Jts: | Footage: | Anchor/ Depth |
|--------|-------|--------|--------|--------|--------|----------|---------------|
| 1.     | 2.375 | J-55   | Eue8rd | 1(IPC) | 106    | 3370     | No /          |
| 2.     |       |        |        |        |        |          |               |

| RODS | Size/in | # Ft/Run | Grade | WELLTESTS | Date      | Obs Oil | Obs H2O | Obs Gas |
|------|---------|----------|-------|-----------|-----------|---------|---------|---------|
| 1.   | 0.750   | 3350     | C     |           | 4/5/2000  | 0       | 27      | 98      |
| 2.   |         |          |       |           |           |         |         |         |
| 3.   |         |          |       |           | 3/13/2000 | 0       | 27      | 91      |
| 4.   |         |          |       |           |           |         |         |         |
| 5.   |         |          |       |           | 1/26/2000 | 0       | 28      | 92      |

| PUMP | Size | Bore | Type | BBLTyp | Seat Loc | Seat Typ | BBL Lgt | Plgr Lgth | Ext Lgth | Pmp Depth | Capacity |
|------|------|------|------|--------|----------|----------|---------|-----------|----------|-----------|----------|
|      | 20   | 150  | R    | W      | A        | C        | 12      |           | 0        | 3370      |          |

| PACKER | Type | Depth | ANCHORS | Description              |
|--------|------|-------|---------|--------------------------|
| No     |      |       |         | MUD Yes 2.875 X 32' w/BP |
|        |      |       |         | GAS Yes 1"x1'            |

## CRISP

4/25/2000

Supv H44  
PA: 18

**CURRY FREDRICK H WN # 1**

Well Code: 12007563  
API No: 3002509491  
ICOR Prop: 642421008

Orig. Comp Date: 02/19/65

Field Name: JALMAT

PBTD: 3240

County: LEA

TD: 3697

Location: P 0660 FSL 0660 FEL 01-24S-36E

RKB: 10.0

WI: 1.000000

NRI Oil: 0.878910

Status: 6/1/1987AC

Prod. Meth: NF Type: PG

NRI Gas: 0.878910

|                            | Size:  | Weight: | Grade: | Set @ | Cmt Sx: | TOC:  |
|----------------------------|--------|---------|--------|-------|---------|-------|
| <b>SURFACE CASING</b>      | 13.375 | 40.0    | H-40   | 193   | 225     | SURF. |
| <b>INTERMEDIATE CASING</b> | 8.625  | 32.0    | J-55   | 2761  | 350     | SURF. |
| <b>PRODUCTION CASING</b>   | 5.5    | 17.0    | J-55   | 3310  | 25      | CIRC. |
| <b>LINER</b>               |        |         |        | TOL:  | BOL:    |       |

| FORMATION | Top Perf | Bot Perf | OH Perf | Reason |
|-----------|----------|----------|---------|--------|
| 1. JALMAT | 2860     | 3192     |         |        |
| 2.        |          |          |         |        |
| 3.        |          |          |         |        |

|             |                                              |              |               |          |
|-------------|----------------------------------------------|--------------|---------------|----------|
| <b>UNIT</b> | Manufacturer:                                | <b>MOTOR</b> | Manufacturer: | SPM: 0.0 |
| Type:       | Gr Box: BM Ld: Max Strk: Rotation: UnSheave: | Size:        | MO Sheave:    | SL: 0    |
|             |                                              |              |               | RPM:     |

| <b>TUBING</b> | Size: | Grade: | Thread | Coat | # Jts: | Footage: | Anchor/ Depth |
|---------------|-------|--------|--------|------|--------|----------|---------------|
| 1.            | 2.375 | J-55   | Eue8rd |      | 106    | 3210     | No /          |
| 2.            |       |        |        |      |        |          |               |

| <b>RODS</b> | Size/in | # Ft/Run | Grade | <b>WELLTESTS</b> | Date      | Obs Oil | Obs H2O | Obs Gas |
|-------------|---------|----------|-------|------------------|-----------|---------|---------|---------|
| 1.          |         |          |       |                  | 4/5/2000  | 0       | 0       | 68      |
| 2.          |         |          |       |                  | 3/13/2000 | 0       | 0       | 66      |
| 3.          |         |          |       |                  | 1/26/2000 | 0       | 0       | 65      |
| 4.          |         |          |       |                  |           |         |         |         |
| 5.          |         |          |       |                  |           |         |         |         |

| <b>PUMP</b> | Size | Bore | Type | BBLTyp | Seat Loc | Seat Typ | BBL Lgt | Plgr Lgth | Ext Lgth | Pmp Depth | Capacity |
|-------------|------|------|------|--------|----------|----------|---------|-----------|----------|-----------|----------|
|             |      |      |      |        |          |          |         |           |          | 3211      |          |

| <b>PACKER</b> | Type | Depth | <b>ANCHORS</b> | Description |
|---------------|------|-------|----------------|-------------|
| No            |      |       | MUD            | No          |
|               |      |       | GAS            | No          |

## CRISP

4/25/2000

Supv H44  
P.A: 18

**CURRY FREDRICK H WN GAS # 3**

Well Code: 12025151  
API No: 3002526881  
ICOR Prop: 642421008

Orig. Comp Date: 1-6-80

Field Name: JALMAT

PBTD: 3332

County: Lea

TD: 3750

Location: O 0660 FSL 1980 FEL 01-24S-36E

RKB: 13

WI: 1.000000

NRI Oil: 0.878910

Status: 7/1/1997AC

Prod. Meth: NF Type: PG

NRI Gas: 0.878910

|                            | Size: | Weight: | Grade: | Set @ | Cmt Sx: | TOC: |
|----------------------------|-------|---------|--------|-------|---------|------|
| <b>SURFACE CASING</b>      | 8 5/8 | 32      | K-55   | 1161  | 650     | SURF |
| <b>INTERMEDIATE CASING</b> |       |         |        |       |         |      |
| <b>PRODUCTION CASING</b>   | 5 1/2 | 15.5    | K-55   | 3750  | 1100    | SURF |
| <b>LINER</b>               |       |         |        | TOL:  | BOL:    |      |

| FORMATION | Top Perf | Bot Perf | OH Perf | Reason |
|-----------|----------|----------|---------|--------|
| 1. JALMAT | 2899     | 3206     |         |        |
| 2.        |          |          |         |        |
| 3.        |          |          |         |        |

| UNIT  | Manufacturer:                                | MOTOR | Manufacturer: | SPM: |
|-------|----------------------------------------------|-------|---------------|------|
| Type: | Gr Box: BM Ld: Max Strk: Rotation: UnSheave: | Size: | MO Sheave:    | SL:  |
|       |                                              |       |               | RPM: |

| TUBING | Size: | Grade: | Thread  | Coat | # Jts: | Footage: | Anchor/ Depth |
|--------|-------|--------|---------|------|--------|----------|---------------|
| 1.     | 2.375 | J-55   | EUE 8rd |      | 102    | 3190     | No /          |
| 2.     |       |        |         |      |        |          |               |

| RODS | Size/in | # Ft/Run | Grade | WELLTESTS | Date      | Obs Oil | Obs H2O | Obs Gas |
|------|---------|----------|-------|-----------|-----------|---------|---------|---------|
| 1.   |         |          |       |           | 4/5/2000  | 0       | 0       | 32      |
| 2.   |         |          |       |           |           |         |         |         |
| 3.   |         |          |       |           | 3/13/2000 | 0       | 0       | 31      |
| 4.   |         |          |       |           |           |         |         |         |
| 5.   |         |          |       |           | 1/26/2000 | 0       | 0       | 31      |

| PUMP | Size | Bore | Type | BBLType | Seat Loc | Seat Typ | BBL Lgt | Plgr Lgth | Ext Lgth | Pmp Depth | Capacity |
|------|------|------|------|---------|----------|----------|---------|-----------|----------|-----------|----------|
|      |      |      |      |         |          |          |         |           |          |           | 0        |

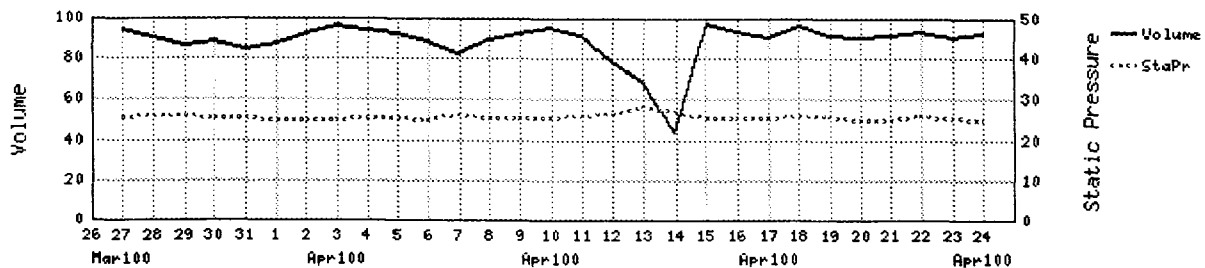
| PACKER | Type | Depth | ANCHORS | Description |
|--------|------|-------|---------|-------------|
| No     |      |       | MUD     | No          |
|        |      |       | GAS     | No          |



**Gas Volume Data for SE NEW MEXICO: BROCK/PRICE: KEN MITCHELL  
COOPER WN #3 - 96046 - GPM - ORIFICE**



| Date       | StaPr | Temp | Volume | SLPres |
|------------|-------|------|--------|--------|
| 04/24/2000 | 24.8  | 62   | 92     | 0      |
| 04/23/2000 | 25.3  | 67   | 90     | 0      |
| 04/22/2000 | 25.5  | 66   | 93     | 0      |
| 04/21/2000 | 25.0  | 59   | 91     | 0      |
| 04/20/2000 | 24.9  | 59   | 90     | 0      |
| 04/19/2000 | 25.7  | 71   | 91     | 0      |
| 04/18/2000 | 25.5  | 67   | 96     | 0      |
| 04/17/2000 | 25.3  | 60   | 90     | 0      |
| 04/16/2000 | 25.1  | 54   | 93     | 0      |
| 04/15/2000 | 25.4  | 67   | 97     | 0      |
| 04/14/2000 | 26.9  | 62   | 44     | 0      |
| 04/13/2000 | 28.2  | 52   | 68     | 0      |
| 04/12/2000 | 26.2  | 52   | 78     | 0      |
| 04/11/2000 | 25.9  | 61   | 91     | 0      |
| 04/10/2000 | 25.3  | 62   | 95     | 0      |
| 04/09/2000 | 25.4  | 53   | 92     | 0      |
| 04/08/2000 | 25.4  | 55   | 89     | 0      |
| 04/07/2000 | 26.1  | 61   | 82     | 0      |
| 04/06/2000 | 24.9  | 61   | 88     | 0      |
| 04/05/2000 | 25.2  | 54   | 92     | 0      |
| 04/04/2000 | 25.2  | 46   | 94     | 0      |
| 04/03/2000 | 25.0  | 49   | 96     | 0      |
| 04/02/2000 | 24.8  | 47   | 92     | 0      |
| 04/01/2000 | 24.9  | 46   | 87     | 0      |
| 03/31/2000 | 25.1  | 56   | 84     | 0      |
| 03/30/2000 | 25.4  | 56   | 88     | 0      |
| 03/29/2000 | 25.6  | 58   | 86     | 0      |
| 03/28/2000 | 25.7  | 58   | 90     | 0      |
| 03/27/2000 | 25.2  | 58   | 94     | 0      |
| Average:   | 25.5  | 58   | 88     | 0      |



Top

ARCO Permian

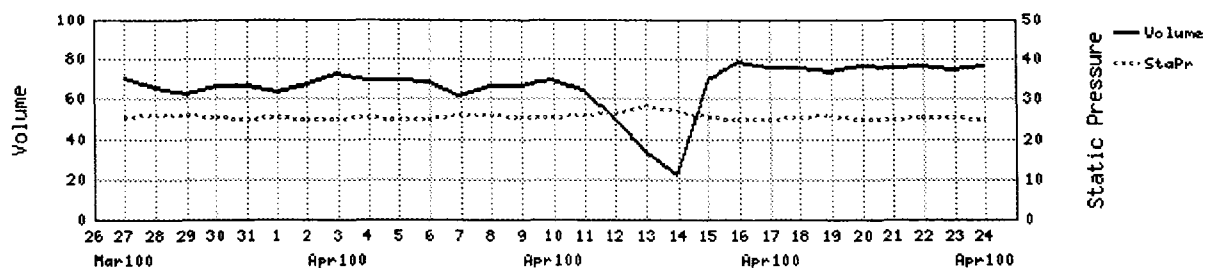
Tue Apr 25,  
2000

3:04:12 PM

# Gas Volume Data for SE NEW MEXICO: BROCK/PRICE: KEN MITCHELL CURRY FH #1 - 96047 - GPM - ORIFICE



| Date       | StaPr | Temp | Volume | SLPres |
|------------|-------|------|--------|--------|
| 04/24/2000 | 24.9  | 64   | 76     | 0      |
| 04/23/2000 | 25.3  | 67   | 74     | 0      |
| 04/22/2000 | 25.3  | 68   | 76     | 0      |
| 04/21/2000 | 24.7  | 62   | 75     | 0      |
| 04/20/2000 | 24.6  | 61   | 76     | 0      |
| 04/19/2000 | 25.5  | 69   | 73     | 0      |
| 04/18/2000 | 25.1  | 66   | 75     | 0      |
| 04/17/2000 | 25.0  | 61   | 75     | 0      |
| 04/16/2000 | 24.9  | 59   | 78     | 0      |
| 04/15/2000 | 25.3  | 66   | 69     | 0      |
| 04/14/2000 | 26.6  | 61   | 22     | 0      |
| 04/13/2000 | 28.2  | 52   | 34     | 0      |
| 04/12/2000 | 26.1  | 54   | 50     | 0      |
| 04/11/2000 | 25.8  | 60   | 64     | 0      |
| 04/10/2000 | 25.1  | 60   | 69     | 0      |
| 04/09/2000 | 25.3  | 56   | 66     | 0      |
| 04/08/2000 | 25.5  | 56   | 66     | 0      |
| 04/07/2000 | 25.9  | 61   | 61     | 0      |
| 04/06/2000 | 24.9  | 59   | 68     | 0      |
| 04/05/2000 | 25.0  | 53   | 69     | 0      |
| 04/04/2000 | 25.2  | 46   | 69     | 0      |
| 04/03/2000 | 25.0  | 49   | 72     | 0      |
| 04/02/2000 | 24.9  | 47   | 67     | 0      |
| 04/01/2000 | 25.1  | 46   | 63     | 0      |
| 03/31/2000 | 25.0  | 56   | 66     | 0      |
| 03/30/2000 | 25.4  | 55   | 66     | 0      |
| 03/29/2000 | 25.5  | 60   | 62     | 0      |
| 03/28/2000 | 25.5  | 58   | 65     | 0      |
| 03/27/2000 | 25.3  | 57   | 70     | 0      |
| Average:   | 25.4  | 58   | 66     | 0      |



Top

ARCO Permian

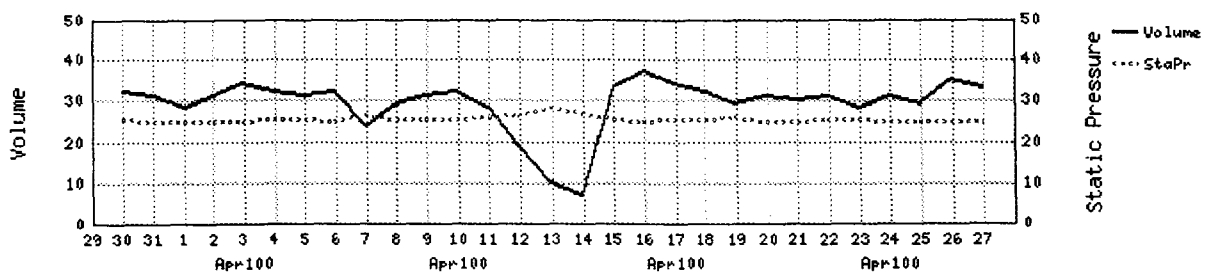
Fri Apr 28,  
2000

7:51:53 AM

# Gas Volume Data for SE NEW MEXICO: BROCK/PRICE: KEN MITCHELL CURRY FH #3 - 705165 - GPM - ORIFICE



| Date       | StaPr | Temp | Volume | SLPres |
|------------|-------|------|--------|--------|
| 04/27/2000 | 25.0  | 67   | 33     | 0      |
| 04/26/2000 | 25.0  | 64   | 35     | 0      |
| 04/25/2000 | 24.6  | 56   | 29     | 0      |
| 04/24/2000 | 24.8  | 56   | 31     | 0      |
| 04/23/2000 | 25.3  | 65   | 28     | 0      |
| 04/22/2000 | 25.4  | 64   | 31     | 0      |
| 04/21/2000 | 24.9  | 51   | 30     | 0      |
| 04/20/2000 | 24.9  | 51   | 31     | 0      |
| 04/19/2000 | 25.5  | 69   | 29     | 0      |
| 04/18/2000 | 25.3  | 65   | 32     | 0      |
| 04/17/2000 | 25.2  | 53   | 34     | 0      |
| 04/16/2000 | 25.0  | 48   | 37     | 0      |
| 04/15/2000 | 25.4  | 66   | 33     | 0      |
| 04/14/2000 | 26.8  | 59   | 7      | 0      |
| 04/13/2000 | 28.0  | 48   | 10     | 0      |
| 04/12/2000 | 26.1  | 49   | 19     | 0      |
| 04/11/2000 | 25.8  | 58   | 28     | 0      |
| 04/10/2000 | 25.2  | 60   | 32     | 0      |
| 04/09/2000 | 25.3  | 45   | 31     | 0      |
| 04/08/2000 | 25.3  | 51   | 29     | 0      |
| 04/07/2000 | 26.0  | 56   | 24     | 0      |
| 04/06/2000 | 24.8  | 59   | 32     | 0      |
| 04/05/2000 | 25.1  | 50   | 31     | 0      |
| 04/04/2000 | 25.1  | 35   | 32     | 0      |
| 04/03/2000 | 24.9  | 42   | 34     | 0      |
| 04/02/2000 | 24.8  | 43   | 31     | 0      |
| 04/01/2000 | 24.9  | 44   | 28     | 0      |
| 03/31/2000 | 25.0  | 53   | 31     | 0      |
| 03/30/2000 | 25.3  | 53   | 32     | 0      |
| Average:   | 25.3  | 54   | 29     | 0      |

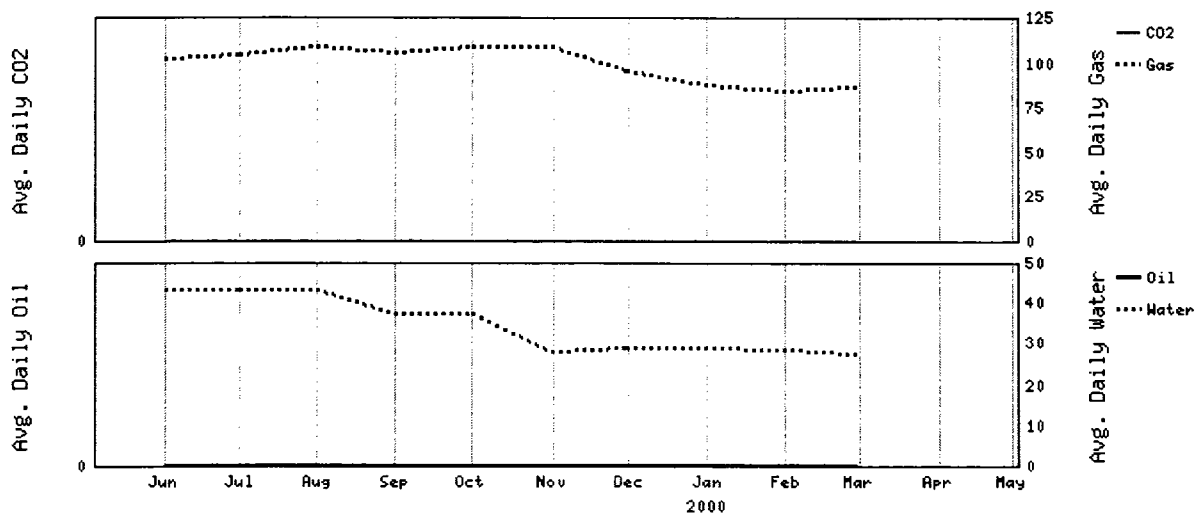




**Average Daily Production Data for SE NEW MEXICO: E J TREND: COOPER  
WN  
COOPER WN 3 - 300252440100 - PG - AC**



| Date       | Days | Oil | Water | Gas | CO2 |
|------------|------|-----|-------|-----|-----|
| 03/01/2000 | 31   | 0   | 27    | 86  | 0   |
| 02/01/2000 | 29   | 0   | 28    | 84  | 0   |
| 01/01/2000 | 31   | 0   | 29    | 88  | 0   |
| 12/01/1999 | 31   | 0   | 29    | 96  | 0   |
| 11/01/1999 | 30   | 0   | 28    | 108 | 0   |
| 10/01/1999 | 31   | 0   | 37    | 109 | 0   |
| 09/01/1999 | 30   | 0   | 37    | 105 | 0   |
| 08/01/1999 | 31   | 0   | 43    | 108 | 0   |
| 07/01/1999 | 31   | 0   | 43    | 104 | 0   |
| 06/01/1999 | 30   | 0   | 43    | 102 | 0   |
| Average:   | 30   | 0   | 34    | 99  | 0   |



execution time = 1 seconds

Top

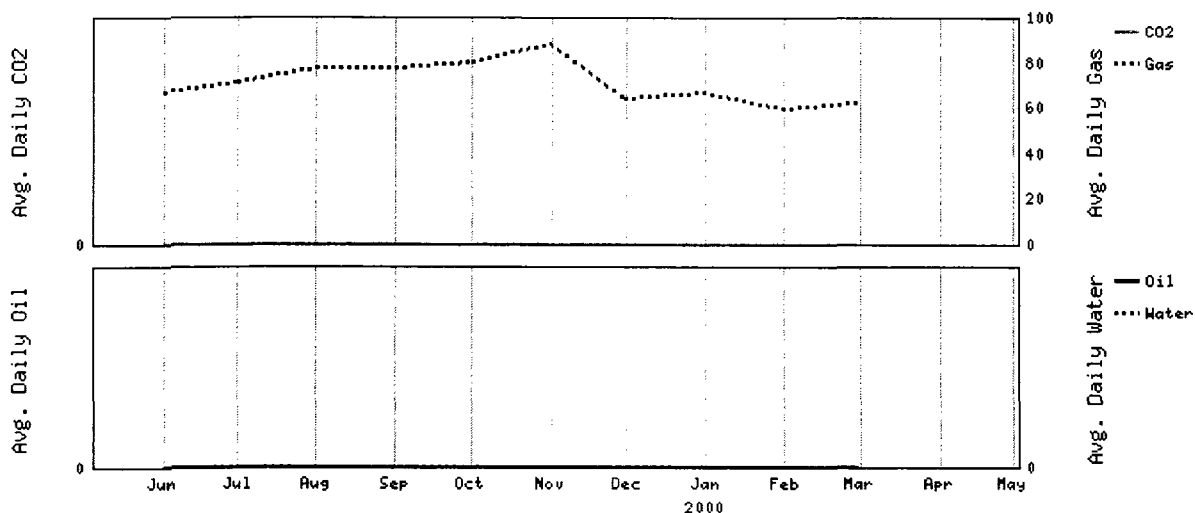
Wed May 3,  
2000  
10:35:48 AM

**Average Daily Production Data for SE NEW MEXICO: E J TREND: CURRY  
FREDRICK H WN  
CURRY FREDRICK H WN 1 - 300250949100 - PG - AC**



Test Down Inject

| Date       | Days | Oil | Water | Gas | CO2 |
|------------|------|-----|-------|-----|-----|
| 03/01/2000 | 31   | 0   | 0     | 62  | 0   |
| 02/01/2000 | 29   | 0   | 0     | 60  | 0   |
| 01/01/2000 | 31   | 0   | 0     | 66  | 0   |
| 12/01/1999 | 31   | 0   | 0     | 63  | 0   |
| 11/01/1999 | 30   | 0   | 0     | 88  | 0   |
| 10/01/1999 | 31   | 0   | 0     | 80  | 0   |
| 09/01/1999 | 30   | 0   | 0     | 77  | 0   |
| 08/01/1999 | 30   | 0   | 0     | 77  | 0   |
| 07/01/1999 | 31   | 0   | 0     | 71  | 0   |
| 06/01/1999 | 30   | 0   | 0     | 66  | 0   |
| Average:   | 30   | 0   | 0     | 71  | 0   |



Test Down Inject

execution time = 0 seconds

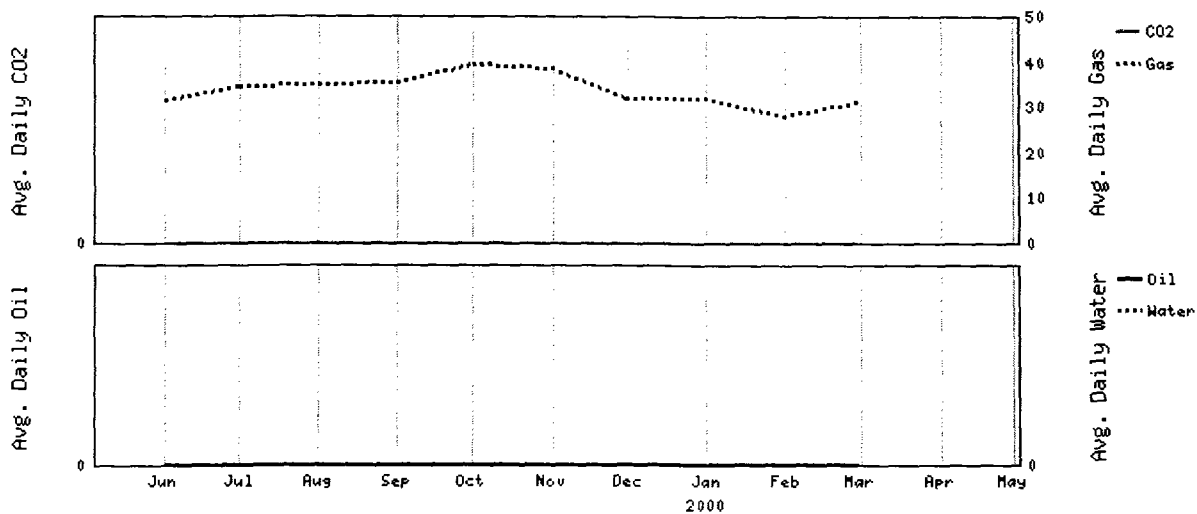
Top  Wed May 3, 2000 10:36:00 AM

**Average Daily Production Data for SE NEW MEXICO: E J TREND: CURRY  
FREDRICK H WN  
CURRY FREDRICK H WN 3 - 300252688100 - PG - AC**



☒ Test ☐ Down ☐ Inject ☐ ▶

| Date       | Days | Oil | Water | Gas | CO2 |
|------------|------|-----|-------|-----|-----|
| 03/01/2000 | 31   | 0   | 0     | 31  | 0   |
| 02/01/2000 | 29   | 0   | 0     | 28  | 0   |
| 01/01/2000 | 31   | 0   | 0     | 32  | 0   |
| 12/01/1999 | 31   | 0   | 0     | 32  | 0   |
| 11/01/1999 | 30   | 0   | 0     | 38  | 0   |
| 10/01/1999 | 31   | 0   | 0     | 39  | 0   |
| 09/01/1999 | 30   | 0   | 0     | 36  | 0   |
| 08/01/1999 | 31   | 0   | 0     | 35  | 0   |
| 07/01/1999 | 31   | 0   | 0     | 35  | 0   |
| 06/01/1999 | 30   | 0   | 0     | 31  | 0   |
| Average:   | 30   | 0   | 0     | 34  | 0   |



☒ Test ☐ Down ☐ Inject ☐ ▶

execution time = 0 seconds

**STATE OF TEXAS**

**COUNTY OF MIDLAND**

**BEFORE ME**, the undersigned authority on this day personally appeared Elizabeth A. Casbeer, an Regulatory Compliance Analyst with **ARCO Permian**, who being by me duly sworn, deposes and states that the persons listed on the foregoing attached list have been sent a copy on May 3, 2000, of the New Mexico Oil Conservation Division Form C-103 entitled, "Sundry Notices and Reports on Wells" regarding surface commingle for the Fredrick H. Curry and WN Cooper Leases, located in Sections 1 & 12, T-24-S, R-26-E, Lea County New Mexico.

**ARCO Permian**

  
Elizabeth A. Casbeer

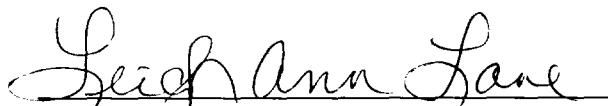
**SUBSCRIBED AND SWORN TO** before me on May 3, 2000, to certify which witness my hand and seal of office.



LEIGH ANN LANE

Notary Public, State of Texas

My Commission Expires: 12-12-2000

  
**NOTARY PUBLIC, STATE OF TEXAS**

**ARCO Permian  
Surface Commingle Application  
Royalty Interest Owners  
WN Cooper & F. H. Curry Battery  
Jalmat Pool**

The Hart Revocable Trust  
13101 Preston RD Suite 400  
Dallas, TX 75240

Tortuga Oil & Gas, Inc.  
Two Trutle Creek Village  
3838 Oak Lawn, Suite 1216  
Dallas, TX 75219

Virgie L. Sharp  
9050 Telephone Rd Apt. #406  
Ventura, CA 93004

Mobil Oil Corporation Lease Support  
Services  
P.O. Box 890328  
Dallas, TX 75389-0328

Mobil Oil Corporation  
P.O. Box 4999  
Woodlands, TX 77380-4999

Conoco Inc.  
P.O. Box 201940  
Houston, TX 77216-1940

Samedan Oil Corporation  
P.O. Box 910083  
Dallas, TX 75391-0083

Samedan Oil Corporation  
P.O. Box 909  
Ardmore, OK 73402-0909

Penn Brothers Inc.  
Two Turtle Creek Village  
3838 Oak Lawn, Suite 1216  
Dallas, TX 75219

Lem B. Allen  
P.O. Box 69  
Luling, TX 78648

Nancy Elizabeth Penson  
1201 Elm St., #4255  
Dallas, TX 75270

Lavenia Perry  
2517 Falcon Drive  
Round Rock, TX 78681

Cities Service Oil & Gas Corporation  
P.O. Box 841735  
Dallas, TX 75284-1735

Cities Service Oil & Gas Corporation  
P.O. Box 300  
Tulsa, OK 74102

Nancy Smith Hurd  
P.O. Box 6846  
San Antonio, TX 78209-0846

Sharon Cooper Hurst  
715 Countryside Pl  
Carlsbad, NM 88220

John Byron MC Kean  
P.O. Box 349  
Luling, TX 78648

Frost National Bank of San Antonio  
Trustee Acct. No. 747  
P.O. Drawer 1600  
San Antonio, TX 78296

Venice Narramore  
P.O. Box 576  
Sudan, TX 79371

Barbara Elise Fadden  
1071 The Pointe Drive  
West Palm Beach, FL 33409

Virgina Stein Bromley  
1938 Old Carriage Lane  
Baton Rouge, LA 70806

Leon Richard Smith, Jr.  
115 Gatewood Ct  
San Antonio, TX 78209

Georgia Ann Stieren, Individually &  
Independent Executrix of the Estate of Fack  
Stieren  
P.O. Box 791225  
San Antonio, TX 78279

Nan M. Tice  
132 E. Evergreen St.  
Boerne, TX 78006

J.L. Burke III  
8928 Meadowknoll Drive  
Dallas, TX 75243

Beverly B. Strohl  
4353 Bromfield Avenue  
San Diego, CA 92122

Marilyn B. Salter  
20031 82nd Ave. W  
Edmonds, WA 98020

**ARCO Permian  
Surface Commingle Application  
Royalty Interest Owners  
WN Cooper & F. H. Curry Battery  
Jalmat Pool**

Nancy I. Farmer  
5136 East 35th Street  
Tulsa, OK 74135

Donna Burkett  
P.O. Box 357  
Paftoka, IN 47666-0357

Thelma M. Cooper  
P.O. Box 72  
Jal, NM 88252

Ohio State Univeristy  
Real Estate & Property Management  
ATTN: Shanon Seward  
53 W. 11th  
Columbus, OH 43201-2098

West Texas State University  
P.O. Box 999  
WT Station  
Canyon, TX 79106-0999

College of the Southwest  
6610 Lovington Highway  
Hobbs, NM 88240

Viola A. Curry  
18 S. Montana Avenue  
Helena, MT 59601

Lewis H. Curry  
3605 Township Ave.  
Simi Valley, CA 93063

Annie May Anderson  
6802 Pensacola  
Fort Pierce, FL 34951

Jessie Evelyn Richerson  
1705 Cumberland  
Garland, TX 75040

Carlos Rasberry  
3371 Columbia Ave. Apt. #14-E  
Emerson, AR 71740

Paula Barnes  
P.O. Box 2247  
Magnolia, AR 71753

Myrtle Curry Revocable Living Trust #2  
Ernest Walker & Sybil Walker, Successor  
Co-trustees  
P.O. Box 458  
Greenville, MO 63944

Mary Jo Treat  
1910 E. Hawthorne  
Tuscon, AZ 85719

Southwestern Baptist Theological Seminary  
C/O Baptist Foundation of Texas  
1601 Elm Street, Suite 1700  
Dallas, TX 75201-4718

Aldyth Rose Watson  
Route 2, Box 58-B  
Stinnett, TX 79083

Cecil C. Curry  
5928 Co. Rd 605-B  
Burlson, TX 76028

Gifford E. Curry  
P.O. Box 192  
Glendale, OR 97442

Homer C. Curry  
21423 Rossford  
Lakewood, CA 90713

Lawrence L. Curry & Blanche M. Curry,  
Trustees of the Curry Family Trust Dated  
10/11/91  
10148 Elkwood Street  
Sun Valley, CA 91352

Ossie O. Hargis  
3317 Columbia Rd 14E  
Emerson, AR 71740

Venola Peterson  
148 Villa Ave.  
San Rafael, CA 94901

Trustees of Texas Tech University  
at Lubbock, Texas  
Investments Management Office  
ATTN: J.W. Thornton Estate  
P.O. Box 41098  
Lubbock, TX 79409

James R. Sanders Jr.  
P.O. Box 2183  
Poston, AZ 85371

# Curry/Cooper Battery

## Jalmat Pool

|                                                                                                      | WN Cooper<br>E/2 NW/4 & W/2<br>NW/4 Sec. 12<br>24S-R36E | F. H. Curry<br>S/2 Sec. 1<br>24S-36E | <u>REMARKS</u>                    |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------|-----------------------------------|
| <b>Royalty Interest</b>                                                                              |                                                         |                                      |                                   |
| James R. Sanders Jr.<br>P.O. Box 2183<br>Poston, AZ 85371                                            | 0.00390625                                              |                                      | <b>Correspondence<br/>Address</b> |
| The Hart Revocable Trust<br>13101 Preston RD Suite 400<br>Dallas, TX 75240                           | 0.00001300                                              |                                      |                                   |
| Tortuga Oil & Gas, Inc.<br>Two Trutle Creek Village<br>3838 Oak Lawn, Suite 1216<br>Dallas, TX 75219 | 0.00003500                                              |                                      |                                   |
| Virgie L. Sharp<br>9050 Telephone Rd Apt. #406<br>Ventura, CA 93004                                  | 0.00390625                                              |                                      |                                   |
| Mobil Oil Corporation Lease Support Services<br>P.O. Box 890328<br>Dallas, TX 75389-0328             | 0.09375000                                              |                                      |                                   |
| Mobil Oil Corporation<br>P.O. Box 4999<br>Woodlands, TX 77380-4999                                   |                                                         |                                      |                                   |
| Conoco Inc.<br>P.O. Box 201940<br>Houston, TX 77216-1940                                             | 0.00390600                                              |                                      |                                   |
| Samedan Oil Corporation<br>P.O. Box 910083<br>Dallas, TX 75391-0083                                  | 0.00781300                                              |                                      |                                   |
| Samedan Oil Corporation<br>P.O. Box 909<br>Ardmore, OK 73402-0909                                    |                                                         |                                      |                                   |
| Penn Brothers Inc.<br>Two Turtle Creek Village<br>3838 Oak Lawn, Suite 1216<br>Dallas, TX 75219      | 0.00095500                                              |                                      | <b>Correspondence<br/>Address</b> |
| Lem B. Allen<br>P.O. Box 69<br>Luling, TX 78648                                                      | 0.00195300                                              |                                      |                                   |
| Nancy Elizabeth Penson<br>1201 Elm St., #4255<br>Dallas, TX 75270                                    | 0.00286500                                              |                                      |                                   |
| Lavenia Perry<br>2517 Falcon Drive<br>Round Rock, TX 78681                                           | 0.00010868                                              |                                      |                                   |
| Cities Service Oil & Gas Corporation<br>P.O. Box 841735<br>Dallas, TX 75284-1735                     | 0.03515600                                              |                                      |                                   |

**Curry/Cooper Battery  
Jalmat Pool**

|                                                                                                                                        | <b>WN Cooper<br/>E/2 NW/4 &amp; W/2<br/>NW/4 Sec. 12<br/>24S-R36E</b> | <b>F. H. Curry<br/>S/2 Sec. 1<br/>24S-36E</b> | <b><u>REMARKS</u></b>             |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------|-----------------------------------|
| Cities Service Oil & Gas Corporation<br>P.O. Box 300<br>Tulsa, OK 74102                                                                |                                                                       |                                               | <b>Correspondence<br/>Address</b> |
| Nancy Smith Hurd<br>P.O. Box 6846<br>San Antonio, TX 78209-0846                                                                        | 0.00010866                                                            |                                               |                                   |
| Sharon Cooper Hurst<br>715 Countryside Pl<br>Carlsbad, NM 88220                                                                        | 0.00390625                                                            |                                               |                                   |
| John Byron MC Kean<br>P.O. Box 349<br>Luling, TX 78648                                                                                 | 0.00081300                                                            |                                               |                                   |
| Frost National Bank of San Antonio<br>Trustee Acct. No. 747<br>P.O. Drawer 1600<br>San Antonio, TX 78296                               | 0.00039000                                                            |                                               |                                   |
| Venice Narramore<br>P.O. Box 576<br>Sudan, TX 79371                                                                                    | 0.00390625                                                            |                                               |                                   |
| Barbara Elise Fadden<br>1071 The Pointe Drive<br>West Palm Beach, FL 33409                                                             | 0.00010601                                                            |                                               |                                   |
| Virgina Stein Bromley<br>1938 Old Carriage Lane<br>Baton Rouge, LA 70806                                                               | 0.00010599                                                            |                                               |                                   |
| Leon Richard Smith, Jr.<br>115 Gatewood Ct<br>San Antonio, TX 78209                                                                    | 0.00010866                                                            |                                               |                                   |
| Georgia Ann Stieren, Individually &<br>Independent Executrix of the Estate of Jack Stieren<br>P.O. Box 791225<br>San Antonio, TX 78279 | 0.00004100                                                            |                                               |                                   |
| Nan M. Tice<br>132 E. Evergreen St.<br>Boerne, TX 78006                                                                                | 0.00021200                                                            |                                               |                                   |
| J.L. Burke III<br>8928 Meadowknoll Drive<br>Dallas, TX 75243                                                                           |                                                                       | 0.00078140                                    |                                   |
| Beverly B. Strohl<br>4353 Bromfield Avenue<br>San Diego, CA 92122                                                                      |                                                                       | 0.00078140                                    |                                   |
| Marilyn B. Salter<br>20031 82nd Ave. W<br>Edmonds, WA 98020                                                                            |                                                                       | 0.00078140                                    |                                   |
| Nancy I. Farmer<br>5136 East 35th Street<br>Tulsa, OK 74135                                                                            |                                                                       | 0.00078140                                    |                                   |

# Curry/Cooper Battery Jalmat Pool

|                                                                                                                                       | WN Cooper<br>E/2 NW/4 & W/2<br>NW/4 Sec. 12<br>24S-R36E | F. H. Curry<br>S/2 Sec. 1<br>24S-36E | <u>REMARKS</u> |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------|----------------|
| Donna Burkett<br>P.O. Box 357<br>Paftoka, IN 47666-0357                                                                               |                                                         | 0.00390625                           |                |
| Thelma M. Cooper<br>P.O. Box 72<br>Jal, NM 88252                                                                                      |                                                         | 0.01171800                           |                |
| Ohio State Univeristy<br>Real Estate & Property Management<br>ATTN: Shanon Seward<br>53 W. 11th<br>Columbus, OH 43201-2098            |                                                         | 0.00015628                           |                |
| West Texas State University<br>P.O. Box 999<br>WT Station<br>Canyon, TX 79106-0999                                                    |                                                         | 0.00015628                           |                |
| College of the Southwest<br>6610 Lovington Highway<br>Hobbs, NM 88240                                                                 |                                                         | 0.00015628                           |                |
| Viola A. Curry<br>18 S. Montana Avenue<br>Helena, MT 59601                                                                            |                                                         | 0.00390625                           |                |
| Lewis H. Curry<br>3605 Township Ave.<br>Simi Valley, CA 93063                                                                         |                                                         | 0.00390625                           |                |
| Annie May Anderson<br>6802 Pensacola<br>Fort Pierce, FL 34951                                                                         |                                                         | 0.00390625                           |                |
| Jessie Evelyn Richerson<br>1705 Cumberland<br>Garland, TX 75040                                                                       |                                                         | 0.00390625                           |                |
| Carlos Rasberry<br>3371 Columbia Ave. Apt. #14-E<br>Emerson, AR 71740                                                                 |                                                         | 0.01171875                           |                |
| Paula Barnes<br>P.O. Box 2247<br>Magnolia, AR 71753                                                                                   |                                                         | 0.01171875                           |                |
| Myrtle Curry Revocable Living Trust #2<br>Ernest Walker & Sybil Walker, Successor Co-trustees<br>P.O. Box 458<br>Greenville, MO 63944 |                                                         | 0.01562500                           |                |
| Mary Jo Treat<br>1910 E. Hawthorne<br>Tuscon, AZ 85719                                                                                |                                                         | 0.01562500                           |                |
| Southwestern Baptist Theological Seminary<br>C/O Baptist Foundation of Texas<br>1601 Elm Street, Suite 1700<br>Dallas, TX 75201-4718  |                                                         | 0.00015628                           |                |

# Curry/Cooper Battery

## Jalmat Pool

|                                                                                                                                                           | WN Cooper<br>E/2 NW/4 & W/2<br>NW/4 Sec. 12<br>24S-R36E | F. H. Curry<br>S/2 Sec. 1<br>24S-36E | <u>REMARKS</u> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------|----------------|
| Aldyth Rose Watson<br>Route 2, Box 58-B<br>Stinnett, TX 79083                                                                                             |                                                         | 0.00390625                           |                |
| Cecil C. Curry<br>5928 Co. Rd 605-B<br>Burleson, TX 76028                                                                                                 |                                                         | 0.00520833                           |                |
| Gifford E. Curry<br>P.O. Box 192<br>Glendale, OR 97442                                                                                                    |                                                         | 0.00520833                           |                |
| Homer C. Curry<br>21423 Rossford<br>Lakewood, CA 90713                                                                                                    |                                                         | 0.00260417                           |                |
| Lawrence L. Curry & Blanche M. Curry,<br>Trustees of the Curry Family Trust Dated 10/11/91<br>10148 Elkwood Street<br>Sun Valley, CA 91352                |                                                         | 0.00260417                           |                |
| Ossie O. Hargis<br>3317 Columbia Rd 14E<br>Emerson, AR 71740                                                                                              |                                                         | 0.00781250                           |                |
| Venola Peterson<br>148 Villa Ave.<br>San Rafael, CA 94901                                                                                                 |                                                         | 0.00390625                           |                |
| Trustees of Texas Tech University at Lubbock, Texas<br>Investments Management Office<br>ATTN: J.W. Thornton Estate<br>P.O. Box 41098<br>Lubbock, TX 79409 |                                                         | 0.00015628                           |                |
| Atlantic Richfield Company<br>P.O. Box 1610<br>Midland, TX 79702                                                                                          | 0.01172000                                              | 0.00390625                           |                |
| <b>Working Interest</b>                                                                                                                                   |                                                         |                                      |                |
| Atlantic Richfield Company<br>P.O. Box 1610<br>Midland, TX 79702                                                                                          | 0.82421500                                              | 0.87500000                           |                |
| <b>Total Royalty Interest</b>                                                                                                                             | <b>0.17578500</b>                                       | <b>0.12500000</b>                    |                |
| <b>Total Overriding Royalty Interest</b>                                                                                                                  | <b>0.00000000</b>                                       | <b>0.00000000</b>                    |                |
| <b>Total Working Interest</b>                                                                                                                             | <b>0.82421500</b>                                       | <b>0.87500000</b>                    |                |
| <b>Total Interest</b>                                                                                                                                     | <b>1.00000000</b>                                       | <b>1.00000000</b>                    |                |