

## JOB LOG

TICKET #

3187377

TICKET DATE

07/29/04

REGION

## NORTH AMERICA LAND

| NWA / COUNTRY |     |
|---------------|-----|
| 1             | USA |
| 2             | USA |
| 3             | USA |
| 4             | USA |
| 5             | USA |
| 6             | USA |
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| 96            | USA |
| 97            | USA |
| 98            | USA |
| 99            | USA |
| 100           | USA |

## CENTRAL REGION

BDA / STATE

## PERMIAN

COUNTY

Lea

MBU ID / EMPL #

AR0101/104476

|                     |  |
|---------------------|--|
| H.E.S EMPLOYEE NAME |  |
|---------------------|--|

## HECTOR REZA

PSL DEPARTMENT

## ZONAL ISOLATION

**LOCATION****ARTESIA NM**

**COMPANY**

**Pogo Producing Co.**

CUSTOMER REP / PHONE

## Grant Eldon

**432-661-2560**

TICKET AMOUNT

WELL TYPE

01-OIL

|           |  |
|-----------|--|
| API/UMI # |  |
|-----------|--|

WELL LOCATION

W.Hobbs

DEPARTMENT

**CEMTING SERVICES 10003**

|                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>JOB PURPOSE CODE</b><br>1. <b>RESEARCH</b><br>2. <b>TECHNICAL</b><br>3. <b>MANAGEMENT</b><br>4. <b>OPERATIONS</b><br>5. <b>SALES</b><br>6. <b>MARKETING</b><br>7. <b>FINANCE</b><br>8. <b>ADMINISTRATIVE</b><br>9. <b>OTHER</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

7522

LEASE / WELL #

## Lost Tank 35 State

Well No.

**#14**

SEC / TWP / RNG

WP/RNG  
30-015-33434

[illegible]



# JOB SUMMARY

|                                         |                                               |                                                         |                                          |
|-----------------------------------------|-----------------------------------------------|---------------------------------------------------------|------------------------------------------|
| REGION<br><b>NORTH AMERICA</b>          | NWA / COUNTRY<br><b>PERMIAN BASIN</b>         | SALES ORDER NUMBER<br><b>3187377</b>                    | TICKET DATE<br><b>7/29/2004</b>          |
| WBU ID / EMPL #<br><b>AR0101/104476</b> | H.E.S. EMPLOYEE NAME<br><b>HECTOR REZA</b>    | BDA / STATE<br><b>MIDLAND, TX</b>                       | COUNTY<br><b>Lea NM</b>                  |
| LOCATION<br><b>ARTESIA NM</b>           | COMPANY<br><b>Pogo Producing Co.</b>          | PSL DEPARTMENT<br><b>CEMENT</b>                         |                                          |
| TICKET AMOUNT                           | WELL TYPE<br><b>01-OIL</b>                    | CUSTOMER REP / PHONE<br><b>Grant Eldon 432-661-2560</b> |                                          |
| WELL LOCATION<br><b>W.Hobbs</b>         | DEPARTMENT<br><b>CEMENTING SERVICES 10003</b> | SAP BOMB NUMBER<br><b>7522</b>                          | Description<br><b>8 5/8 INTERMEDIATE</b> |
| LEASE NAME<br><b>Lost Tank 35 State</b> | Well No.<br><b>#14</b>                        | SEC / TWP / RNG                                         |                                          |

| H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS) | HRS  | HRS | HRS | HRS |
|--------------------------------------------|------|-----|-----|-----|
| HECTOR REZA/104476                         | 10.0 |     |     |     |
| DON KRAFT/231776                           | 10.0 |     |     |     |
| EBER PEREZ 305567                          | 10.0 |     |     |     |

| H.E.S. UNIT #S / (R/T MILES) | R/T MILES | R/T MILES | R/T MILES | R/T MILES |
|------------------------------|-----------|-----------|-----------|-----------|
| 10001727                     | 140       |           |           |           |
| 10243538-77129               | 140       |           |           |           |
| 10582276-10565344            | 140       |           |           |           |

|                   |             |           |            |             |             |               |
|-------------------|-------------|-----------|------------|-------------|-------------|---------------|
| Form. Name        | Type:       | Date      | Called Out | On Location | Job Started | Job Completed |
| Form. Thickness   | From To     | 7/29/2004 | 0:00       | 7/29/2004   | 7/29/2004   | 7/29/2004     |
| Packer Type       | Set At      | Time      | 05:00      | 08:00       | 1246        | 1420          |
| Bottom Hole Temp. | Pressure    |           |            |             |             |               |
| Retainer Depth    | Total Depth |           |            |             |             |               |

| Type and Size      | Qty | Make        | New/Used | Weight | Size  | Grade | From | To    | Max. Allow |
|--------------------|-----|-------------|----------|--------|-------|-------|------|-------|------------|
| Float Collar 8 5/8 |     |             | New      | 32.0   | 8 5/8 | J-55  | 0    | 4,102 | 2,000      |
| Float Shoe 8 5/8   |     |             |          |        |       |       |      |       |            |
| Centralizers 8 5/8 |     |             |          |        |       |       |      |       |            |
| Top Plug 8 5/8     | 1   | HALLIBURTON |          |        |       |       |      |       |            |
| Packer 8 5/8       |     |             |          |        |       |       |      |       |            |
| DV Tool 8 5/8      |     |             |          |        |       |       |      |       |            |
| Insert Float 8 5/8 |     |             |          |        |       |       |      |       |            |
| Guide Shoe 8 5/8   |     |             |          |        |       |       |      |       |            |
| Other              |     |             |          |        |       |       |      |       |            |

| Well Data    | From   | To    | Max. Allow |
|--------------|--------|-------|------------|
| Casing       | 0      | 4,102 | 2,000      |
| Liner        |        |       |            |
| Liner        |        |       |            |
| Tubing       |        |       |            |
| Drill Pipe   |        |       |            |
| Open Hole    | 12 1/4 | 4,100 | Shots/Ft.  |
| Perforations |        |       |            |
| Perforations |        |       |            |
| DV Tool      |        |       |            |

| Materials      | Hours On Location | Operating Hours | Description of Job |
|----------------|-------------------|-----------------|--------------------|
| Mud Type       | Date              | Date            |                    |
| Disp. Fluid    | 7/29              | 7/29            | SEE JOB LOG        |
| Prop. Type     | 8.0               | 1.5             |                    |
| Prop. Type     |                   |                 |                    |
| Acid Type      |                   |                 |                    |
| Acid Type      |                   |                 |                    |
| Surfactant     |                   |                 |                    |
| NE Agent       |                   |                 |                    |
| Fluid Loss     |                   |                 |                    |
| Gelling Agent  |                   |                 |                    |
| Fric. Red.     |                   |                 |                    |
| Breaker        |                   |                 |                    |
| Blocking Agent |                   |                 |                    |
| Perfpac Balls  |                   |                 |                    |
| Other          |                   |                 |                    |
| Other          |                   |                 |                    |
| Other          |                   |                 |                    |
| Other          |                   |                 |                    |
| Other          |                   |                 |                    |

| Hydraulic Horsepower | Used                 |
|----------------------|----------------------|
| Ordered              | Avail.               |
| Treating             | Average Rates in BPM |
| Feet 44              | Disp.                |
|                      | Cement Left in Pipe  |
|                      | Reason               |
|                      | SHOE JOINT           |

| Stage | Sacks | Cement           | Bulk/Sks | Additives      | W/Rq. | Yield | Lbs/Gal |
|-------|-------|------------------|----------|----------------|-------|-------|---------|
|       | 900   | ton Light Premiu | B        | 5% Salt (BWOW) | 11.5  | 2.08  | 12.4    |
|       | 200   | Premium Plus     | B        | 1% Cacl2       | 6.3   | 1.33  | 14.8    |
|       |       |                  | B        |                |       |       |         |
|       |       |                  | B        |                |       |       |         |
|       |       |                  | B        |                |       |       |         |

| Summary          |                 |                |               |
|------------------|-----------------|----------------|---------------|
| Circulating      | Displacement    | Preflush:      | Gal - BBI     |
| Breakdown        | Maximum         | Load & Bkdn:   | Gal - BBI     |
| Lost Returns-YES | Lost Returns-NO | Excess /Return | Gal BBI       |
| Cmt Rtrn#Bbl     | Actual TOC      | Calc. TOC:     |               |
| Average          | Frac. Gradient  | Treatment:     | Gal - BBI     |
| Shut In: Instant | 5 Min. 15 Min.  | Cement Slurrv  | Gal - BBI     |
|                  |                 | Total Volume   | Gal - BBI 247 |

|              |              |              |              |
|--------------|--------------|--------------|--------------|
| Frac Ring #1 | Frac Ring #2 | Frac Ring #3 | Frac Ring #4 |
|--------------|--------------|--------------|--------------|

THE INFORMATION STATED HEREIN IS CORRECT  
CUSTOMER REPRESENTATIVE

SIGNATURE