

May 30, 1996

**Federal Express**

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

Re: Angel Peak B #45  
1839'FSL, 697'FEL, Section 24, T-28-N, R-11-W, San Juan County, NM  
API #30-045-25688

Dear Mr. Stogner:

This is a request for administrative approval for a non-standard gas well location in the Blanco Mesa Verde pool.

Meridian Oil Inc. is planning to recompleate the Angel Peak B #45 in the Blanco Mesa Verde pool and temporarily abandon the Armenta Gallup formation. To comply with the New Mexico Oil Conservation Division rules, Meridian is submitting the following for your approval of this non-standard location:

1. C-102 plat showing location of the well;
2. Plat showing offset owners/operators - Meridian is the offset operator
3. Copy of Well Completion Log for original completion.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Peggy Bradfield".

Peggy Bradfield  
Regulatory/Compliance Administrator

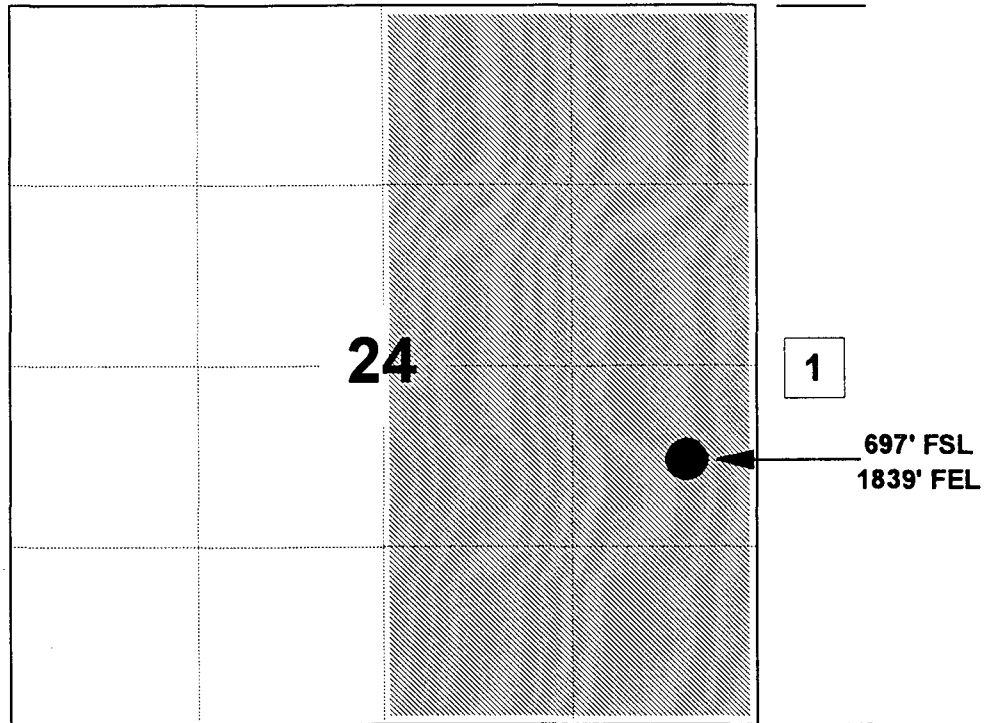
# MERIDIAN OIL INC

## ANGEL PEAK B #45

### OFFSET OPERATOR \ OWNER PLAT

Unorthodox Mesaverde Well Location

Township 28 North, Range 11 West



1) Meridian Oil Inc.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

RECEIVED NOV 5 1983

Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR

P.O. Box 1290, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1839 ft/South; 697 ft/East

At top prod. interval reported below Same as above

At total depth

Same as above

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

SF 047017B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Angel Peak B

9. WELL NO.

45

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 24, T28N-R11W NMP

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED 8-6-83 16. DATE T.D. REACHED 8-19-83 17. DATE COMPL. (Ready to prod.) 8-25-83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5920' RKB 19. ELEV. CASINGHEAD 5908' GR

20. TOTAL DEPTH, MD &amp; TVD 6362' 21. PLUG, BACK T.D., MD &amp; TVD 6311' 22. IF MULTIPLE COMPL., HOW MANY\* → 23. INTERVALS DRILLED BY 0-6362' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 6212'-6266' Greenhorn 5453'-6004' Gallup 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CDL-GR-CNL; IEL-GR 27. WAS WELL CORED No

## 28. CASING RECORD (Report all strings set in well)

| CASING SIZE      | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD      | AMOUNT PULLED |
|------------------|-----------------|----------------|-----------|-----------------------|---------------|
| 9-5/8"           | 36#             | 321'           | 13-1/2"   | 330 cu.ft.            |               |
| 7"               | 23#             | 5361'          | 8-3/4"    | 1941 cu.ft. (2 stage) |               |
| 4-1/2"           | 11.6#           | 5154' 6360'    | 6-1/4"    | 192 cu.ft.            |               |
| (See Attachment) |                 |                |           |                       |               |

## 29. LINER RECORD

| SIZE   | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| 4-1/2" | 5154'    | 6360'       | 192cu.ft.     |             | 2-3/8" | 5869'          |                 |

## 31. PERFORATION RECORD (Interval, size and number)

6212'-6266' 18 shots  
5453'-6004' 51 shots

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 6212'-6266'         | See Attachment                   |
| 5453'-6004'         | See Attachment                   |

## 33. PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| 9-27-83               |                 | Pumping                                                              |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 10-7-83               | 24              | 1-1/4"                                                               | →                       | 55       | 241        | 5                                  | 4382          |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 40                    | 144             | →                                                                    | 55                      | 241      | 5          | 40°                                |               |

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

Bennie Brown

## 35. LIST OF ATTACHMENTS

Cementing and Stimulation Record

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

J.A. Edmister

TITLE Engineering Analyst

DATE

NOV 02 1983  
10-25-83

\*(See Instructions and Spaces for Additional Data on Reverse Side)

FARMINGTON RESOURCE AREA

BY Jmm

OPERATOR

Lower DD, Armenta, NM 88211-8719

District III

1000 Mile Broom Rd., Aztec, NM 87410

District IV

PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

56 MAY 20 PM 1:51

☐ AMENDED REPORT

070 FARMINGTON, NM

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |                                    |                                              |
|----------------------------|------------------------------------|----------------------------------------------|
| API Number<br>30-045-25668 | Pool Code<br>72319/2290            | Pool Name<br>Blanco Mesaverde/Armenta Gallup |
| Property Code<br>6788      | Property Name<br>Angel Peak B      | Well Number<br>45                            |
| OGRID No.<br>14538         | Operator Name<br>MERIDIAN OIL INC. | Elevation<br>5908'                           |

## 10 Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| I             | 24      | 23 N     | 11 W  |         | 1839          | South            | 697           | East           | S.J.   |

## 11 Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                               |                    |                       |              |
|-------------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acre<br>E/320/40 | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|-------------------------------|--------------------|-----------------------|--------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|                                                                                |    |                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16<br>Not resurveyed, prepared<br>from a plat by Michael<br>Daly dated 2-3-83. | 24 | 17 OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is<br>true and complete to the best of my knowledge and belief.<br><br>Signature<br>Peggy Bradfield<br>Printed Name<br>Regulatory Administrator<br>Title<br>5-17-96<br>Date                                                                                                                           |
|                                                                                |    | 18 SURVEYOR CERTIFICATION<br>I hereby certify that the well location shown on this plat<br>was plotted from field notes of actual surveys made by<br>or under my supervision, and that the same is true and<br>correct to the best of my belief.<br>5-16-96<br>Date of Survey<br>Signature and Seal of Professional Surveyor:<br>NEALE C. EDWARDS<br>8857<br>8857<br>Certification Number |

CMD :  
OG6IWC

ONGARD  
INQUIRE WELL COMPLETIONS

06/03/96 11:04:25  
OGOMES -EME2

API Well No : 30 45 7366 Eff Date : 01-01-1900 WC Status : A  
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
OGRID Idn : 14538 MERIDIAN OIL INC  
Prop Idn : 6788 ANGEL PEAK B

Well No : 020  
GL Elevation: 99999

|               | U/L | Sec | Township | Range | North/South | East/West   | Prop/Act (P/A) |
|---------------|-----|-----|----------|-------|-------------|-------------|----------------|
|               | --- | --- | -----    | ----  | -----       | -----       | -----          |
| B.H. Locn : A | 24  | 28N | 11W      | FTG   | 999 F S     | FTG 999 F E | P              |

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.

|           |      |           |              |              |             |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo    | PF05         | PF06        |
| PF07      | PF08 | PF09      | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

06/03/96 11:04:48  
OGOMES -EME2

API Well No : 30 45 25654 Eff Date : 08-01-1987 WC Status : T  
Pool Idn : 2290 ARMENTA-GALLUP (O)  
OGRID Idn : 14538 MERIDIAN OIL INC  
Prop Idn : 6788 ANGEL PEAK B

Well No : 037  
GL Elevation: 5888

|               | U/L | Sec | Township | Range | North/South | East/West   | Prop/Act (P/A) |
|---------------|-----|-----|----------|-------|-------------|-------------|----------------|
|               | --- | --- | -----    | ----- | -----       | -----       | -----          |
| B.H. Locn : A | 24  | 28N | 11W      | FTG   | 795 F N     | FTG 569 F E | P              |

Lot Identifier:  
Dedicated Acre: 40.00  
Lease Type : F  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

|           |      |           |              |              |             |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo    | PF05         | PF06        |
| PF07      | PF08 | PF09      | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD :  
OG6IWCM

ONGARD  
INQUIRE·WELL COMPLETIONS

06/03/96 11:04:55  
OGOMES -EME2

API Well No : 30 45 25654 Eff Date : 12-01-1992 WC Status : A  
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)  
OGRID Idn : 14538 MERIDIAN OIL INC  
Prop Idn : 6788 ANGEL PEAK B

Well No : 037  
GL Elevation: 5888

|               | U/L | Sec | Township | Range | North/South | East/West | Prop/Act (P/A) |
|---------------|-----|-----|----------|-------|-------------|-----------|----------------|
|               | --- | --- | ---      | ---   | ---         | ---       | ---            |
| B.H. Locn : A | 24  | 28N | 11W      | FTG   | 795 F N FTG | 569 F E   | P              |

Lot Identifier:  
Dedicated Acre: 320.00  
Lease Type : F  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

|           |      |           |              |              |             |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo    | PF05         | PF06        |
| PF07      | PF08 | PF09      | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

06/03/96 11:05:05  
OGOMES -EME2

API Well No : 30 45 25654 Eff Date : 08-24-1987 WC Status : A  
Pool Idn : 82329 OTERO CHACRA (GAS)  
OGRID Idn : 14538 MERIDIAN OIL INC  
Prop Idn : 6788 ANGEL PEAK B

Well No : 037  
GL Elevation: 5888

|               | U/L | Sec | Township | Range | North/South | East/West   | Prop/Act (P/A) |
|---------------|-----|-----|----------|-------|-------------|-------------|----------------|
|               | --- | --- | -----    | ----- | -----       | -----       | -----          |
| B.H. Locn : A | 24  | 28N | 11W      | FTG   | 795 F N     | FTG 569 F E | P              |

Lot Identifier:  
Dedicated Acre: 160.00  
Lease Type : F  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

|           |      |           |              |              |             |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo    | PF05         | PF06        |
| PF07      | PF08 | PF09      | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

06/03/96 11:05:42  
OGOMES -EME2

API Well No : 30 45 7340 Eff Date : 01-01-1900 WC Status : S  
Pool Idn : 77200 FULCHER KUTZ PICTURED CLIFFS (GAS)  
OGRID Idn : 14538 MERIDIAN OIL INC  
Prop Idn : 6788 ANGEL PEAK B

Well No : 015  
GL Elevation: 99999

| U/L | Sec | Township | Range | North/South | East/West | Prop/Act (P/A) |
|-----|-----|----------|-------|-------------|-----------|----------------|
|-----|-----|----------|-------|-------------|-----------|----------------|

|           |     |    |     |     |                         |   |
|-----------|-----|----|-----|-----|-------------------------|---|
| B.H. Locn | : G | 24 | 28N | 11W | FTG 999 F S FTG 999 F E | P |
|-----------|-----|----|-----|-----|-------------------------|---|

Lot Identifier:

Dedicated Acre: 160.00

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

|           |      |           |              |              |             |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo    | PF05         | PF06        |
| PF07      | PF08 | PF09      | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

OGRID Identifier : 14538 MERIDIAN OIL INC

Prop Identifier : 6788 ANGEL PEAK B

API Well Identifier : 30 45 25668

Well No : 045

Surface Locn - UL : I Sec : 24 Twp : 28N Range : 11W Lot Idn :

Multiple comp (S/M/C): S TVD Depth (Feet) : 99999 MVD Depth (Feet):

Spud Date : P/A Date :

Casing/Linear Record:

| S Size   | Grade Weight | Depth(ft) | Depth(ft) | Hole Size | Cement  | TOC    |      |
|----------|--------------|-----------|-----------|-----------|---------|--------|------|
| (inches) | (lb/ft)      | Top-Liner | Bot-Liner | (inches)  | (Sacks) | (feet) | Code |
| 99.000   | 99.0         | 99999.0   | 99999.0   | 99.000    | 9999    | 99999  | C    |

E0009: Enter data to modify record

PF01 HELP

PF02

PF03 EXIT

PF04 GoTo

PF05

PF06 CONFIRM

PF07

PF08

PF09 COMMENT

PF10 TLOG

PF11

PF12

API Well No : 30 45 25668    Eff Date : 09-01-1983    WC Status : S  
Pool Idn : 2290 ARMENTA-GALLUP (O)  
OGRID Idn : 14538 MERIDIAN OIL INC  
Prop Idn : 6788 ANGEL PEAK B

Well No : 045  
GL Elevation: 99999

|                                                                | U/L | Sec | Township | Range | North/South | East/West   | Prop/Act (P/A) |
|----------------------------------------------------------------|-----|-----|----------|-------|-------------|-------------|----------------|
|                                                                | --- | --- | -----    | ----- | -----       | -----       | -----          |
| B.H. Locn : I                                                  | 24  | 28N | 11W      | FTG   | 999 F S     | FTG 999 F E | P              |
| Lot Identifier:                                                |     |     |          |       |             |             |                |
| Dedicated Acre: 40.00                                          |     |     |          |       |             |             |                |
| Lease Type : F                                                 |     |     |          |       |             |             |                |
| Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : |     |     |          |       |             |             |                |

M0025: Enter PF keys to scroll

|           |      |           |              |              |             |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo    | PF05         | PF06        |
| PF07      | PF08 | PF09      | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

06/03/96 12:13:45  
OGOMES -EME3

API Well No : 30 45 25668 Eff Date : 09-01-1983 WC Status : S  
Pool Idn : 2290 ARMENTA-GALLUP (O)  
OGRID Idn : 14538 MERIDIAN OIL INC  
Prop Idn : 6788 ANGEL PEAK B

Well No : 045  
GL Elevation: 99999

|                                                                | U/L | Sec | Township | Range | North/South | East/West   | Prop/Act (P/A) |
|----------------------------------------------------------------|-----|-----|----------|-------|-------------|-------------|----------------|
|                                                                | --- | --- | -----    | ----- | -----       | -----       | -----          |
| B.H. Locn : I                                                  | 24  | 28N | 11W      | FTG   | 999 F S     | FTG 999 F E | P              |
| Lot Identifier:                                                |     |     |          |       |             |             |                |
| Dedicated Acre: 40.00                                          |     |     |          |       |             |             |                |
| Lease Type : F                                                 |     |     |          |       |             |             |                |
| Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : |     |     |          |       |             |             |                |

M0025: Enter PF keys to scroll

|           |      |           |              |              |             |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo    | PF05         | PF06        |
| PF07      | PF08 | PF09      | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD :  
OG6IWC

ONGARD  
INQUIRE WELL COMPLETIONS

06/03/96 12:13:20  
OGOMES -EME3

API Well No : 30 45 20611 Eff Date : 05-07-1994 WC Status : A  
Pool Idn : 77200 FULCHER KUTZ PICTURED CLIFFS (GAS)  
OGRID Idn : 4076 CHAPARRAL OIL & GAS CO  
Prop Idn : 2531 SALLY

Well No : 001  
GL Elevation: 99999

|           | U/L | Sec | Township | Range | North/South | East/West   | Prop/Act (P/A) |
|-----------|-----|-----|----------|-------|-------------|-------------|----------------|
| B.H. Locn | : O | 24  | 28N      | 11W   | FTG 999 F S | FTG 999 F E | P              |

Lot Identifier:

Dedicated Acre: 160.00

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

|           |      |           |              |              |             |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo    | PF05         | PF06        |
| PF07      | PF08 | PF09      | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

06/03/96 11:04:06  
OGOMES -EME2  
PAGE NO: 1

Sec : 24 Twp : 28N Rng : 11W Section Type : NORMAL

|                                 |                                        |                                      |                                        |
|---------------------------------|----------------------------------------|--------------------------------------|----------------------------------------|
| D<br>40.00<br><br>Federal owned | C<br>40.00<br><br>Federal owned<br>A   | B<br>40.00<br><br>Federal owned      | A<br>40.00<br><br>Federal owned<br>A A |
| E<br>40.00<br><br>Federal owned | F<br>40.00<br><br>Federal owned<br>A A | G<br>40.00<br><br>Federal owned<br>A | H<br>40.00<br><br>Federal owned        |

|           |          |            |           |      |      |
|-----------|----------|------------|-----------|------|------|
| PF01 HELP | PF02     | PF03 EXIT  | PF04 GoTo | PF05 | PF06 |
| PF07 BKWD | PF08 FWD | PF09 PRINT | PF10 SDIV | PF11 | PF12 |

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

06/03/96 12:13:38  
OGOMES -EME3  
PAGE NO: 2

Sec : 24 Twp : 28N Rng : 11W Section Type : NORMAL

|               |               |               |               |
|---------------|---------------|---------------|---------------|
| L<br>40.00    | K<br>40.00    | J<br>40.00    | I<br>40.00    |
| Federal owned | Federal owned | Federal owned | Federal owned |
|               | A A           |               | A             |
| M<br>40.00    | N<br>40.00    | O<br>40.00    | P<br>40.00    |
| Federal owned | Federal owned | Federal owned | Federal owned |
| A             | A             | A             |               |

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12