

# PowerTools Map

Project: C:\Program Files\IHS Energy\PTools30\PROJECTS\Test.mdb

Date: 6/28/1999  
Time: 8:50 AM

|                          |                         |                                             |                           |                       |    |
|--------------------------|-------------------------|---------------------------------------------|---------------------------|-----------------------|----|
| 17                       | 16                      | 15                                          | 14                        | 13                    | 18 |
|                          | 19S 33E                 |                                             |                           |                       |    |
| 20                       | 21                      | 22                                          | 23                        | 24                    | 19 |
| MADUROUNIT FED.<br>4     | MADUROFEDERAL UNIT<br>5 | 27                                          | 26                        | 25 SMITH<br>1         | 30 |
| MADUROUNIT FED.<br>1     |                         | FEDERAL *BAGUNA DEEP FEDERAL<br>1-Y         |                           |                       |    |
| MADUROUNIT<br>2          | MADUROUNIT<br>3         | Jade 34 Fed #2                              | 35                        | BENZOIL 36 STATE<br>1 |    |
| TONTOSTATE.COM<br>000001 |                         |                                             |                           |                       |    |
| 5                        | 4                       | 3                                           | 2                         | 1                     | 6  |
|                          |                         | Viper 3 Fed #2                              |                           |                       |    |
| 8                        | 9                       | 10                                          | 11                        | 12                    | 7  |
|                          |                         | TONTOFEDERAL<br>SMITH RANCH 11 FEDERAL<br>1 | ESMITH RANCH FED.COM<br>1 |                       |    |
| 17                       |                         | 15                                          |                           |                       | 18 |

**UNITED STATES DEPARTMENT OF THE INTERIOR**  
BUREAU OF LAND MANAGEMENT

(See instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                              |  |                                              |  |                                                                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|--|-----------------------------------------------------------------------------|--|
| 1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                    |  |                                              |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM-27570                             |  |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ |  |                                              |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                        |  |
| 2. NAME OF OPERATOR<br>Nearburg Producing Company                                                                                                                                                                            |  |                                              |  | 7. UNIT AGREEMENT NAME                                                      |  |
| 3. ADDRESS AND TELEPHONE NO.<br>3300 North A Street, Building 2, Suite 120, Midland, Texas 79705 (915) 686-8235                                                                                                              |  |                                              |  | 8. FARM OR LEASE NAME, WELL NO.<br>Maduro Federal Unit #5                   |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface<br>1,980' FNL & 1,980' FWL<br>At top prod. Interval reported below<br><br>At total depth                          |  |                                              |  | 9. API WELL NO.<br>30-025-34121                                             |  |
| 14. PERMIT NO. _____ DATE ISSUED _____                                                                                                                                                                                       |  |                                              |  | 10. FIELD AND POOL, OR WILDCAT<br>Undesignated - Morrow                     |  |
| 15. DATE SPUDDED<br>08/14/97                                                                                                                                                                                                 |  |                                              |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Section 28, T19S, R33E |  |
| 16. DATE T.D. REACHED<br>12/07/97                                                                                                                                                                                            |  | 17. DATE COMPL. (Ready to prod.)<br>03/26/98 |  | 12. COUNTY OR PARISH<br>Lea                                                 |  |
| 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*<br>3,599' GR                                                                                                                                                                         |  | 19. ELEV. CASINGHEAD<br>3,614' KB            |  | 13. STATE<br>New Mexico                                                     |  |
| 20. TOTAL DEPTH, MD & TVD<br>13,760'                                                                                                                                                                                         |  | 21. PLUG, BACK T.D., MD & TVD<br>13,644'     |  | 22. IF MULTIPLE COMPL., HOW MANY*                                           |  |
| 23. INTERVALS DRILLED BY                                                                                                                                                                                                     |  | ROTARY TOOLS<br>X                            |  | CABLE TOOLS                                                                 |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*<br>13,403' - 13,483' (OA)                                                                                                                      |  |                                              |  | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                       |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>DLL/LDT/CNL/GR/CAL                                                                                                                                                                   |  |                                              |  | 27. WAS WELL CORED<br>No                                                    |  |

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

| CASING SIZE/GRADE | WEIGHT, LB./FT.     | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED       |
|-------------------|---------------------|----------------|-----------|---------------------------------|---------------------|
| 13-3/8"           | 48#                 | 513'           | 17-1/2"   | 410 sx cement                   | Circ 140 sx to surf |
| 8-5/8"            | 24# & 32#           | 5,100'         | 11"       | 3,535 sx cement                 | Circ to surface     |
| 4-1/2"            | 11.6, 12.75 & 13.5# | 13,760'        | 6-1/8"    | 516 sx cement                   | Est. TOC @ 10,400'  |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2-3/8"            | 13,296'        | 13,296'         |

| 31. PERFORATION RECORD (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|----------------------------------------------------|--|------------------------------------------------|----------------------------------|
|                                                    |  | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
| 13,403' - 13,483' - .4" - 168 holes                |  |                                                |                                  |
|                                                    |  |                                                |                                  |
|                                                    |  |                                                |                                  |
|                                                    |  |                                                |                                  |

| 33. * PRODUCTION                  |                      |                                                                                 |                        |                 |                 |                                                 |                           |
|-----------------------------------|----------------------|---------------------------------------------------------------------------------|------------------------|-----------------|-----------------|-------------------------------------------------|---------------------------|
| DATE FIRST PRODUCTION<br>03/26/98 |                      | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                        |                 |                 | WELL STATUS (Producing or shut-in)<br>Producing |                           |
| DATE OF TEST<br>03/26/98          | HOURS TESTED<br>4    | CHOKE SIZE<br>24/64"                                                            | PROD'N FOR TEST PERIOD | OIL—BBL.<br>2.5 | GAS—MCF.<br>84  | WATER—BBL.<br>0                                 | GAS-OIL RATIO<br>33,600:1 |
| FLOW. TUBING PRESS.<br>1200       | CASING PRESSURE<br>0 | CALCULATED 24-HOUR RATE                                                         | OIL—BBL.<br>15         | GAS—MCF.<br>504 | WATER—BBL.<br>0 | OIL GRAVITY-API (CORR.)<br>46.6                 |                           |

|                                                                    |  |                               |  |
|--------------------------------------------------------------------|--|-------------------------------|--|
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold |  | TEST WITNESSED BY<br>Matt Lee |  |
|--------------------------------------------------------------------|--|-------------------------------|--|

|                                                          |  |
|----------------------------------------------------------|--|
| 35. LIST OF ATTACHMENTS<br>C-104, Deviation Report, Logs |  |
|----------------------------------------------------------|--|

|                                                                                                                                   |                     |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records |                     |
| SIGNED <i>A. Deetle Kumbay</i>                                                                                                    | DATE <u>3/31/98</u> |

ACCEPTED FOR RECORD

APR 14 1998

Manager of Drilling and Production

BLM

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

API NO. 30-025-27709 CO-ORD \_\_\_\_\_  
 F.R. 1-13-82 OBJ 14,500' RT ELEV KB \_\_\_\_\_  
 CTR \_\_\_\_\_ 2-27-82  
 TD 13,700' <sup>SPUD</sup> 13,340' DF 3593' op  
 PBD \_\_\_\_\_ P & A \_\_\_\_\_ GL \_\_\_\_\_

| GOR    | GTY                  | CP | TP   | BHP | POT DATE             | TREATMENT |
|--------|----------------------|----|------|-----|----------------------|-----------|
| 37,097 | ,678                 |    | 3588 |     | 7-20-82              | A/6000    |
|        | 61                   |    |      |     |                      |           |
|        |                      |    |      |     |                      |           |
| CSG    | 13-3/8 - 1395 - 1300 |    |      |     | 5 1/2 - 13700 - 1100 |           |
|        | 8-5/8 - 5003 - 2410  |    |      |     |                      |           |

SUNTY LEA, N. M. FIELD TEAS (PENNY)  
 LL: GRACE PET. #1 EAST SMITH RANCH FEDERAL COM (LOG) MARKERS

The Subsurface Library  
P. O. Box 2588  
Midland, Texas

# WRS COMPLETION REPORT

COMPLETIONS SEC 11 TWP 20S RGE 33E  
PI# 30-1-0002 12/30/93 30-025-31683-0000 PAGE 1

NMEX LEA \* 2250FSL 2014FWL SEC NE SW  
STATE COUNTY FOOTAGE SPOT  
DEVON ENERGY D DO  
OPERATOR WELL CLASS INIT FIN  
2 SMITH RANCH"11"FED  
WELL NO. LEASE NAME  
3582GR TEAS  
OPER ELEV FIELD/POOL/AREA  
API 30-025-31683-0000  
LEASE NO. PERMIT OR WELL I.D. NO.  
07/29/1993 11/08/1993 ROTARY VERT OIL  
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS  
10350 BONE SPG MIDESSA DRLG 1  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 9520 PB 9501 FM/TD BONE SPG  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

## LOCATION DESCRIPTION

7 MI NE HALFWAY, NM

## CASING/LINER DATA

CSG 13 3/8 @ 1400  
CSG 8 5/8 @ 5077  
CSG 5 1/2 @ 9520 W/ 1876 SACKS

## TUBING DATA

TBG 2 7/8 AT 9261

## INITIAL POTENTIAL

IPF 101BOPD 150 MCFD 33BW 24HRS  
BONE SPG PERF W/ 19/IT 9410- 9474  
PERF 9410- 9474  
ACID 9410- 9474 2000GALS  
7 1/2% NEFE  
SWFR 9410- 9474 50000GALS 60000LBS SAND  
20/40 SAND ADDTVC02  
TP 35 THE SUBSURFACE LIBRARY  
GTY 42.0 GOR 1485 PRODUCTION  
FCP: PKR MEASUREMENT

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG  | RUSTLER   |     | 1332 2250     |               |

CONTINUED IC# 300257039293

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Petroleum Information  
Corporation

PI-WRS-GET  
Form No 187

COUNTY LEA, N.M. FIELD TEAS (BS)  
 OPR SIETE OIL & GAS CORP.  
 LSE TONTO WELL NO. 1  
 LOC Sec 10, T-20-S, R-33-E (H)  
1980 FNL & 660 FEL of Sec  
REISSUE TO ADD INFO  
30-025-29265  
 API NO. 5-15-85 CO-ORD 11,000' RT  
 F.R. Sierra #4 OBJ 6-2-85 ELEV KB 3576' op  
 CTR 10,710 SPUD 10-11-85 GL P & A  
 TD PBD

| PAY ZONE | PROD INTERVAL | IP        | BO | W | HRS | CHK | TEST BASIS |
|----------|---------------|-----------|----|---|-----|-----|------------|
|          | PLUGGED AND   | ABANDONED |    |   |     |     |            |

| GOR | GTY             | CP | TP | BHP               | POT DATE | TREATMENT |
|-----|-----------------|----|----|-------------------|----------|-----------|
| CSG | 13 3/8-523-400  |    |    | 5 1/2-10,710-1535 |          |           |
|     | 8 5/8-5000-2900 |    |    |                   |          |           |

MIDLAND OIL SCOUTS ASSOCIATION WELL RECORD

|        |                                       |                   |                   |
|--------|---------------------------------------|-------------------|-------------------|
| COUNTY | LEA, N.M.                             | FIELD             | TEAS (BS)         |
| WELL   | SIETE OIL & GAS CORP. #1              | TONTO             |                   |
| DATE   | TD 10,710'; P&A 10-11-85              | SPL (LOG) MARKERS | B/Salt (3132)     |
|        | Gd show in Dela, shot SWC's           |                   | Yates (3360)      |
|        | DST #1 10,218-294, op 65", R/24 bbls  |                   | Dela Mtn (5354)   |
|        | mud, SC R/2500cc mud, 60"/4/38,       |                   | BS 1m (7927)      |
|        | pkf leaked, no press rptd             |                   | Wife (10,395)     |
|        | DST #2 10,320-706, op 75", R/220'     |                   |                   |
|        | GCM, SC R/.8 CFG @ 180#, 60"/957,     |                   | FP 384-317,       |
|        | 180"/1256, HP 5195-5185               |                   |                   |
|        | Pf/BS/15/10,446-455, S/dwn, SSO, BP   |                   | @ 10,300';        |
|        | Pf/BS/6/10,240-247, 9/9812-24, A/500, |                   | P/15-10 BOPD,     |
|        | (9812-10,247), BP @ 8110'; Pf/Dela/   |                   | 10/8081-90, A/500 |
|        | P/1d, 5% oil, BP @ 3590'; Pf/L Yates  |                   | 12/3545-79,       |
|        | S/dry, NS O&G, BP @ 3470'; Pf/Yates   |                   | 25/3380-3456,     |
|        | A/500, P/27 BOPD, P/5 BO, 170 BW/24'  |                   |                   |
|        | (3-26-86)                             |                   |                   |
|        | (4-2-86)                              |                   |                   |
|        | (4-16-86)                             |                   |                   |
|        | THE SURFACE LOGS BY                   |                   |                   |
|        | P. O. BOX 222                         |                   |                   |
|        | MIDLAND, TEX                          |                   |                   |

# WRS COMPLETION REPORT

COMPLETIONS SEC 36 TWP 19S RGE 33E  
PI# 30-T-0015 05/09/88 30-025-29918-0000 PAGE 1

NMEX LEA \* 1980FSL 660FEL SEC NE SE  
STATE COUNTY FOOTAGE SPOT  
PENNZOIL CO D DG  
OPERATOR WELL CLASS INIT FIN  
1 PENNZOIL STATE "36" COM  
WELL NO. LEASE NAME  
3615KB 3598GR QUAIL RIDGE  
OPER ELEV FIELD/POOL AREA  
API 30-025-29918-0000  
LEASE TYPE NO. PERMIT OR WELL I.D. NO.  
05/24/1987 10/29/1987 ROTARY GAS  
SPUD DATE COMP. DATE TYPE TOOL STATUS  
14000 MORROW MCVAY DRLG 7 RIG SUB 16  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 13690 PB 13646 FM/TD BARNETT  
DRILLERS T.D. LOG T.D. PLUG BACK TO OLD T.D. FORM T.D.

## LOCATION DESCRIPTION

14 MI SW BUCKEYE, NM

## CASING/LINER DATA

CSG 13 3/8 @ 1391 W/ 1525 SACKS  
CSG 8 5/8 @ 4925 W/ 3375 SACKS  
CSG 5 1/2 @ 13690 W/ 3123 SACKS

## TUBING DATA

TBG 2 7/8 AT 13058

## INITIAL POTENTIAL

IPF 6609 MCFD 24HRS  
MORROW PERF W/ 320/IT 13145-13333 GROSS  
SITP 4355  
@13239FT BHT 160F  
890MCFD TP 4059 BHFP 5935  
1204MCFD TP 3897 BHFP 5752  
1585MCFD TP 3724 BHFP 5556  
3100MCFD TP 3047 BHFP 4778  
BH 6267 FPCAOF 6609MCFD  
GTY 51.8 GOR 17358  
GAS GTY .659  
P/L CON NONE  
1ST THRU 4TH PT TEST IN 60 MINS, CKS-NO DETAILS

CONTINUED IC# 300257013087

30-025-27619

|         |          |       |           |         |        |
|---------|----------|-------|-----------|---------|--------|
| API NO. | 11-25-81 | OBJ   | 13,650'RT | CO-ORD  |        |
| F.R.    | McVay    | SPUD  | 12-3-81   | ELEV KB | 3562'* |
| CTR     | 13,657   | TA    | 4-1-82    | DF      | 3540'* |
| TD      | PBD      | P & A |           | GL      |        |

| GOR | GTY | CP            | TP | BHP   | POT DATE    | TREATMENT |
|-----|-----|---------------|----|-------|-------------|-----------|
|     |     |               |    |       |             |           |
|     |     |               |    |       |             |           |
|     |     |               |    |       |             |           |
| CSG | 13  | 3/8-1350-900  |    | 5 1/2 | 13,657-1350 |           |
|     | 9   | 5/8-5392-1550 |    |       |             |           |

COUNTY LEA, N.M. FIELD UNDES (MORR)

ELL: UNION OIL CO. OF CALIF #3 MADURO UNIT SPL (LOG) MARKERS

The Suburban Library  
P. O. Box 2538  
Milford, Tenn

The Subsurface Library  
P. O. Box 2698  
Midland, Texas

# WRS COMPLETION REPORT

COMPLETIONS SEC 29 TWP 19S RGE 33E  
PI# 30-T-0018 06/15/90 30-025-30840-0000 PAGE 1

NMEX LEA \* 460FNL 1980FEL SEC NW NE  
STATE COUNTY FOOTAGE SPOT  
UNION OIL OF CALIF D DG  
OPERATOR WELL CLASS INIT FIN  
4 MADURO FEDERAL UNIT  
WELL NO. LEASE NAME  
3619KB 3601GR GEM  
OPER ELEV FIELD POOL AREA

API 30-025-30840-0000  
LEASE NO. PERMIT OR WELL I.D. NO.  
12/28/1989 04/19/1990 ROTARY VERT GAS  
SPUD DATE COMP. DATE TYPE TOO. HOLE TYPE STATUS  
13750 MORROW MCVAY DRLG 8 RIG SUB 17  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 13750 PB 13230 FM/TD MORROW L  
DRILLERS T.D. LOG T.D. PLUG BACK T.D. OLD T.D. FORM T.D.

## LOCATION DESCRIPTION

6 MI N HALFWAY, NM

## CASING/LINER DATA

CSG 13 3/8 @ 465 W/ 400 SACKS  
CSG 9 5/8 @ 4943 W/ 1705 SACKS  
CSG 5 1/2 @ 13750 W/ 2460 SACKS

## TUBING DATA

TBG 2 7/8 AT 12966

## INITIAL POTENTIAL

IPF 1913 MCFD 24HRS  
MORROW U PERF W/ 40/IT 13052-13062

SITP 4720  
504MCFD TP 3822 BHFP 5743  
722MCFD TP 3260 BHFP 5099  
695MCFD TP 3020 BHFP 4762  
1325MCFD TP 2240 BHFP 3716

BH 6706 FPCAOF 1913MCFD THE SUBSURFACE LIBRARY  
GTY 55.4 GOR 27604 P.O. BOX 2538  
GAS GTY .663 MIDLAND, TX 79702  
P/L CON NONE  
FIELD /RESERVOIR  
/MORROW

1ST THRU 4TH PT TEST IN 60 MINS, THRU ADJ CHK

CONTINUED IC# 300257019889

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Petroleum Information

BB a company of  
The Dun & Bradstreet Corporation

PI WRS 017  
Form No 117

COUNTY LEA, NEW MEXICO FIELD WILDCAT (L/MORROW) DISCOVERY  
 OPR UNION OIL COMPANY OF CALIFORNIA  
 LSE MADURO UNIT FEDERAL WELL NO. 1  
 LOC Sec 29, T-19-S, R-33-E (J)  
1980 FSL & 1980 FEL of Sec

UNIQUE NO. 30-025-26308

MAPS 5-2-79 CO-ORD 13,700 RT 5-25-79  
 F. R. 5-2-79 OBJ 13,700 RT SPUD 3603\*  
 CTR LAHEE CLASS ELEV D. F. 3586\*  
 LOGS 13,660 SPLS 13,571 GL  
 TD 13,660 PBD 13,571 ABD LOC. P & A

| PAY ZONE | PROD INTERVAL | IP   | BO    | W   | HRS   | CHK | TEST BASIS |
|----------|---------------|------|-------|-----|-------|-----|------------|
| L/Morr   | 13,446-457    | CAOF | 6,686 | 000 | CFGPD |     |            |
|          |               |      |       |     |       |     |            |
|          |               |      |       |     |       |     |            |

| GOR    | GTY  | CP  | F TP | BHP | POT DATE | TREATMENT |
|--------|------|-----|------|-----|----------|-----------|
| 35,714 | .666 | pkc | 2900 |     | 8-2-79   | A/250     |
|        | 48.5 |     | SITP |     |          |           |
|        |      |     | 4300 |     |          |           |

CSG 13-3/8 1275 w/1100 5-1/2 13,660 w/650  
 9-5/8 5162 w/1450

COUNTY LEA, NEW MEXICO FIELD WILDCAT (L/MORROW) DISCOVERY  
 WELL: UNION OIL OF CALIF #1 Maduro Unit Fed. ELEV

| DATE | WELL RECORD                                       | REACHED T. D. | SPL (LOG) MARKERS |
|------|---------------------------------------------------|---------------|-------------------|
|      | TD 13,660, PB 13,571                              |               | Rust (1208)       |
|      | Drilg Break 4163-69 & 4189-95                     |               | Yates (2965)      |
|      | DST 11,345-400, 1400' WB, op 60"                  |               | Capt Rf (3305)    |
|      | Rec WB & 30' GC&SOCW; SC/R 1162                   |               | Dela (5553)       |
|      | crg + 500 cc OCW @ 525#; 45/3500;                 |               | BS (7892)         |
|      | FP 756-756; 180/2335;                             |               | Wlfc (10,794)     |
|      | HP 5748-5748.                                     |               | Cisco (11,747)    |
|      | DST 12,100-425, op 120", 1500' WB                 |               | Str (12,061)      |
|      | Rec 225' DM 250' GCWB + 825'                      |               | Atoka (12,356)    |
|      | x'ly MCWB; SC/R 2500 cc OC& sli                   |               | Morr (12,883)     |
|      | GCM @ 550#; 90/4220; FP 886-907;                  |               | M/Morr (13,090)   |
|      | 330/6167; HP 6091-6157.                           |               | L/Morr (13,394)   |
|      | Sptd 250 gal acid                                 |               |                   |
|      | Perf 22/13,446-457;                               |               |                   |
|      | Flwd 3600 MCFGPD + 25 B cond 14/64" ck, FTP 2900# |               |                   |
|      | ONE POINT TEST:                                   |               |                   |
|      | MCF TIME CK FTP                                   |               |                   |
|      | 3601 60" 14/64 2900                               |               |                   |
|      | (9-5-79)                                          |               |                   |

The Subsurface Library  
 P. O. Box 2538  
 Midland, Texas

COUNTY LEA, N. M. FIELD TONTO (WOLFC) (E. GEM, MORR)  
 OPR AMOCO PRODUCTION CO  
 LSE FEDERAL "BU" WELL NO. 1-Y  
 CC Sec. 27, T-19-S, R-33-E (J)  
1980' FSL & 1905' FEL Sec.

API NO. 30-025-27286 CO-ORD \_\_\_\_\_  
 F.R. 3-4-81 OBJ 13,700' RT ELEV KB \_\_\_\_\_  
 CTR 13,700' SPUD 2-20-81 DF \_\_\_\_\_  
 TD 13,700' PBD 12,000' P & A \_\_\_\_\_ GL 3585' op

| PAY ZONE | PROD INTERVAL | IP | BO      | W     | HRS | CHK | TEST BASIS |
|----------|---------------|----|---------|-------|-----|-----|------------|
| Wolfc    | 11,240-368'   | F  | 218,000 | CRGPD |     |     | 20/64      |
|          |               |    | 105     | BC/24 | hrs |     |            |

| GOR                                         | GTY | CP | TP | BHP | POT DATE | TREATMENT |
|---------------------------------------------|-----|----|----|-----|----------|-----------|
| NR                                          | NR  |    |    |     | 8-10-81  | Nat'l     |
| CSG 13-3/8 - 512 - 550 5 1/2 - 13700 - 2950 |     |    |    |     |          |           |
| 9-5/8 - 5400 - 1700                         |     |    |    |     |          |           |

MIDLAND OIL SCOUTS ASSOCIATION WELL RECORD

COUNTY LEA, N. M. FIELD TONTO (WOLFC)  
 WELL: AMOCO PROD. #1-Y FEDERAL "BU" SPL (LOG) MARKERS  
 TD 13,700', PB 12,000' Anhy (1280)  
 Drlg brk 4452-70; 5560-65; 7711-41 Yates (3133)  
 Drlg brk 11,214-220; 11,763-770 BS (7999)  
 11,869-877; 11,883-897; 12,520-526; Wolfc (10569)  
 13,403-408; 13,554-565 Strn (12138)  
 Pf 16/13,268-276; 8/13,387-391; 6/ Atoka (12381)  
 13,538-541; A/2500 (13,268-541) Morr (12752)  
 S/18 BW/10 hrs (13,268-541). BP Morr sd (13000)  
 13,600'. Barn (13430)  
 Pf 13,320-330', A/1700. S/dry.  
 Pf 52/12,150-176, A/2150, did not rec ld  
 Pf 48/11,240-264; 12/11,352-358; 12/11,362-368  
 Comp nat'l

(8-26-81)

The Subsurface Library  
 P. O. Box 2536  
 Midland, Texas

**WRS COMPLETION REPORT**COMPLETIONS  
PI# 30-T-0023 02/15/91 SEC 1 TWP 20S RGE 33E  
30-025-30896-0000 PAGE 1

NMEX LEA \* 1980FNL 660FEL SEC SE NE  
STATE COUNTY FOOTAGE SPOT  
GRACE PET D DO  
OPERATOR WELL CLASS INIT FIN  
1 GRACE "1" FEDERAL  
WELL NO. LEASE NAME  
3630KB 3604GR TEAS  
OPER ELEV FIELD/POOL/AREA  
API 30-025-30896-0000  
LEASE NO. PERMIT OR WELL LD. NO.  
06/01/1990 12/27/1990 ROTARY VERT OIL  
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS  
13700 BONE SPG GRACE DRLG 56 RIG SUB 25  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 13740 PB 10180 FM/TD MRW CLSC  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

**LOCATION DESCRIPTION**

8 MI NE HALFWAY, NM

**WELL IDENTIFICATION/CHANGES**FIELD CHGD FROM QUAIL RIDGE  
PROJ FM CHGD FROM MORROW**CASING/LINER DATA**

CSG 13 3/8 @ 480 W/ 500 SACKS  
CSG 8 5/8 @ 5200 W/ 3565 SACKS  
CSG 5 1/2 @ 13705 W/ 2225 SACKS THE SUBSURFACE LIBRARY  
PO BOX 2538  
MIDLAND, TX 79702

**TUBING DATA**

TBG 2 7/8 AT 9463

**INITIAL POTENTIAL**

IPP 5BOPD 20 MCFD 80BW 24HRS  
BN SPG M PERF W/ 143/IT 9414- 9514 GROSS  
GTY 41.0 GOR 4000  
FIELD /RESERVOIR  
/BONE SPRING

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG  | BONE SPG  |     | 8335 -4705    |               |
| LOG  | BN SPG M  |     | 9403 -5773    |               |

CONTINUED IC# 300257016990

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Form No. 18

**Petroleum Information.**

COUNTY LEA FIELD Gem, E. STATE NM  
 OPR UNION OIL CO. OF CALIFORNIA API 30-025-26440  
 NO 2 LEASE Laguna Deep Unit Federal MAP  
Sec 26, T19S, R33E CO-ORD  
990 FSL, 1980 FWL of Sec 12-2-15 NM  
14 1/2-mi SW/Buckeye RESPD5-21-83RE-CMP 7-5-83

| CSC                        | WELL CLASS: INIT DX FIN DG LSE CODE |       |           |       |
|----------------------------|-------------------------------------|-------|-----------|-------|
|                            | FORMATION                           | DATUM | FORMATION | DATUM |
| 13 3/8-1370-1200 sx        |                                     |       |           |       |
| 9 5/8-3046-900 sx          |                                     |       |           |       |
| 7-12,300-3000 sx           |                                     |       |           |       |
| 5-lnr-12,086-13,489-150 sx |                                     |       |           |       |
|                            | TO 13,490 (MRRW)                    | PBD   | 13,445    |       |

IP (Morrow) Perfs 13,158-13,390 F 344 MCFGPD. Pot based  
 on 24 hr test thru 4/64 chk. GOR (NR); gly (Gas) (NR);  
 (Cond) (NR); CP Pkr; TP 3270

CONTR 1 OPRSELEV 3596 GL sub-s

*owwo*

12-5-83 F.R.C. 9-24-83 OWWO  
 PD 13,445 NO  
 (Orig. Comp. 2-12-80 thru (Morrow) Perfs  
 13,381-13,500, OTD 13,490, OPE 13,445)  
 TD 13,490; PBD 13,445; Complete  
 Perf (Morrow) 13,158-13,166 w/4 SPF  
 Acid (13,158-13,166) 2500 gals  
 12-10-83 COMPLETION ISSUED

12-2-15 NM  
 IC 30-025-70891-83

**WILDLAND**