

# WRS COMPLETION REPORT

COMPLETIONS SEC 3 TWP 16S RGE 35E  
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NMEX LEA \* 2310FNL 1650FEL SEC  
STATE COUNTY FOOTAGE SPOT  
YATES PET D DO  
OPERATOR WELL CLASS INIT FIN  
1 DAISY "AFS" STATE  
WELL NO. LEASE NAME  
4027KB 4008GR TOWNSEND  
OPER ELEV FIELD/POOL/AREA  
API 30-025-30769-0000  
LEASE NO. PERMIT OR WELL I.D. NO.  
05/08/1990 08/11/1990 ROTARY VERT OIL  
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS  
12600 PNSLVN U ZIADRIL INC 3 RIG SUB 18  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 12700 PB 11500 FM/TD MSSP  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

## LOCATION DESCRIPTION

IRREG SEC  
11 NE BUCKEYE, NM

## WELL IDENTIFICATION/CHANGES

PROJ FM CHGD FROM MISSISSIPPIAN  
FIELD CHGD FROM EIDSON NORTHEAST

## CASING/LINER DATA

CSG 13 3/8 @ 425 W/ 450 SACKS  
CSG 8 5/8 @ 4582 W/ 1800 SACKS  
CSG 5 1/2 @ 12700 W/ 1875 SACKS

## TUBING DATA

TBG 2 7/8 AT 11102

## INITIAL POTENTIAL

IPP 44BOPD 160 MCFD 21BW 21HRS  
WOLFCAMP PERF W/ 39/IT 10234-11052 GROSS  
GTY 37.5 GOR 3636  
FIELD /RESERVOIR  
/PENNSYLVANIAN-PERMIAN U

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG  | RUSTLER   |     | 1810 2198     |               |

CONTINUED IC# 300257000390

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Petroleum Information

PI-WRS-GET  
Form No 187

DB a company of  
The Dun & Bradstreet Corporation

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YATES PET D DO  
 1 DAISY "AFS" STATE

| TYPE | FORMATION | LTH   | TOP  | DEPTH/SUB | BSE | DEPTH/SUB |
|------|-----------|-------|------|-----------|-----|-----------|
| LOG  | SALT      |       | 1912 | 2096      |     |           |
| LOG  | YATES     |       | 2991 | 1017      |     |           |
| LOG  | QUEEN     |       | 3846 | 162       |     |           |
| LOG  | GRAYBURG  |       | 4259 | -251      |     |           |
| LOG  | SN ANDRS  |       | 4511 | -503      |     |           |
| LOG  | GLORIETA  |       | 6166 | -2158     |     |           |
| LOG  | TUBB      |       | 7340 | -3332     |     |           |
| LOG  | ABO       |       | 7968 | -3960     |     |           |
| LOG  | WFCMP LM  |       | 9688 | -5680     |     |           |
| LOG  | STRAWN    | 11414 |      | -7406     |     |           |
| LOG  | STRAWN L  | 11737 |      | -7729     |     |           |
| LOG  | ATOKA SH  | 11901 |      | -7893     |     |           |
| LOG  | MORROW    | 12159 |      | -8151     |     |           |
| LOG  | ASTN CYC  | 12302 |      | -8294     |     |           |
| LOG  | MSSP LM   | 12550 |      | -8542     |     |           |

SUBSEA MEASUREMENTS FROM GR

# FORMATION TEST DATA

DST 1 10200-10259 WOLFCAMP S  
 REC 465.0 FT O&GCM .2 CFT GAS  
 REC 700.0 CC OIL 850.0 CC MUD  
 INIT OP 37M IFP 103 FFP 128  
 FINAL OP 1H IFP 204 FFP 254 IHP 4647 FHP 4672  
 ISIP 1923 1H  
 SPL REC .25 CFT GAS  
 OP 37 MINS, SI 1 HR; OP 1 HR, SI 3 HRS;  
 OP 1 HR, SI-NO DETAILS  
 IFP 103-128, 153-379, 204-254  
 SIP 1923, 2438, #3-NO DETAILS

DST 2 11000-11059 WOLFCAMP CUSH 612 WTR S  
 REC 2964.0 FT GCM 612.0 FT WCUSH  
 REC .0 TR OIL 2400.0 CC MUD  
 INIT OP 30M IFP 329 FFP 340  
 FINAL OP 50M IFP 290 FFP 365 IHP 5330 FHP 5330  
 ISIP 5268 1H  
 SPL CHAM PRESS FINAL 460  
 WS 76000 PPM CL  
 OP 30 MINS, SI 1 HR; OP 1 HR, SI 2 HRS;  
 OP 50 MINS, SI-NO DETAILS  
 IFP 329-340, 338-336, 290-365

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YATES PET D DO  
1 DAISY "AFS" STATE

FORMATION TEST DATA

SIP 5268, 5267, #3-NO DETAILS

DST 3 11429-11500 STRAWN CUSH 1300 WTR S  
REC 1300.0 FT WCUSH .9 CFT GAS  
REC 1650.0 CC MUD  
INIT OP 30M IFP 796 FFP 796  
FINAL OP 1H IFP 809 FFP 809  
ISIP 2043 1H IHP 5734 FHP 5734  
SPL CHAM PRESS FINAL 450  
SPL REC .96 CFT GAS  
FSIP-NO DETAILS

PRODUCTION TEST DATA

ASTN CYC PERF 12356-12379  
PERF 12356-12379  
ACID 12356-12379 10000GALS  
20% NEFE  
SWBD DRY

PTS 1 UG 1UW  
STRAWN PERF W/ 16/IT 11433-11613 GROSS  
PERF 11433,11438,11439,11445,11446,11450,11579,11580  
PERF 11581,11582,11606,11608,11610,11611,11612,11613  
ACID 11579-11613 2000GALS  
20% NEFE  
BLKW  
BRPG @11500 11433-12379  
SWBD BLK WTR W/TR GAS

WOLFCAMP PERF W/ 10/IT 11016-11052 GROSS  
PERF 11016,11017,11026,11032,11033,11034,11035,11050  
PERF 11051,11052  
ACID 11016-11052 11500GALS  
20% NEFE

WOLFCAMP PERF W/ 29/IT 10234-10475 GROSS  
PERF 10234,10235,10236,10237,10238,10239,10240,10243  
PERF 10244,10245,10447,10448,10449,10452,10453,10454  
PERF 10455,10456,10460,10461,10462,10468,10469,10470  
PERF 10471,10472,10473,10474,10475  
ACID 10234-10475 5000GALS

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DAISY "AFS" STATE

PRODUCTION TEST DATA

20% NEFE

LOGS AND SURVEYS /INTERVAL,TYPE/

| LOGS | LDT | CNL | DLL |
|------|-----|-----|-----|
| LOGS | LSS |     |     |

DRILLING PROGRESS DETAILS

YATES PET  
105 S 4TH ST  
ARTESIA, NM 88210  
505-748-1471  
LOC/1990/  
01/03  
05/08 RURT  
05/14 DRLG 4135  
05/22 DRLG 7825  
05/29 DRLG 10485  
05/30 DRLG 10810  
06/05 DRLG 11771  
06/15 12700 TD, WOCT  
06/15 DEVIATION SURVEYS @ 188 (1/2 DEG), 397 (3/4 DEG),  
925 (3/4 DEG), 1395 (3/4 DEG), 1892 (3/4 DEG),  
2387 (1/4 DEG), 2883 (1/2 DEG), 2986 (1 1/2 DEG),  
3289 (1 3/4 DEG), 3631 (1 1/2 DEG), 4130 (1/4  
DEG), 4582 (1/4 DEG), 5051 (1/2 DEG), 5551 (3/4  
DEG), 6049 (1 1/4 DEG), 6549 (3/4 DEG), 7047  
(1/4 DEG), 7253 (3/4 DEG), 7766 (1/4 DEG), 8265  
(1 1/4 DEG), 8762 (1 1/4 DEG), 9298 (3/4 DEG),  
9780 (1/4 DEG), 10259 (1/4 DEG), 10760 (1 DEG),  
10896 (3/4 DEG), 11059 (1 1/2 DEG), 11500 (1 1/4  
DEG), 12040 (3/4 DEG), 12700 (1 1/2 DEG)  
08/07 12700 TD, PB 11500, TSTG  
09/05 LOCAL CALL: TOWNSEND 10445  
TD REACHED 06/10/90 RIG REL 06/12/90  
09/05 12700 TD, PB 11500  
COMP 8/11/90, IPP 44 BO, 160 MCFG, 21 BWPD  
GOR 3636, GTY 37.5  
PROD ZONE - PENNSYLVANIAN-PERMIAN U  
10234-11052  
NO CORES, THREE DSTS RPTD