

# WRS COMPLETION REPORT

COMPLETIONS SEC 28 TWP 19S RGE 34E  
PI# 30-T-0013 07/13/90 30-025-30892-0000 PAGE 1

NMEX LEA \* 2310FNL 1940FEL SEC SW NE  
STATE COUNTY FOOTAGE SPOT  
MANZANO OIL D DO  
OPERATOR WELL CLASS INIT FIN

3 SUN PEARL FEDERAL  
WELL NO. LEASE NAME  
3718KB 3708GR PEARL  
OPER ELEV FIELD/POOL/AREA

API 30-025-30892-0000  
LEASE NO. PERMIT OR WELL I.D. NO.

05/24/1990 06/20/1990 ROTARY VERT OIL  
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS  
5150 QUEEN W E K DRLG 3 RIG SUB 9

PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 5120 PB 5070 FM/TD PENROSE  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

## LOCATION DESCRIPTION

11 MI NE HALFWAY, NM

## WELL IDENTIFICATION/CHANGES

FIELD CHGD FROM PEARL WEST

## CASING/LINER DATA

CSG 8 5/8 @ 1372 W/ 400 SACKS  
CSG 5 1/2 @ 5120 W/ 850 SACKS

## TUBING DATA

TBG 2 3/8 AT 4971

## INITIAL POTENTIAL

IPP 97BOPD 33 MCFD 32BW 24HRS  
PENROSE PERF 4787- 4939 GROSS  
GOR 340 GTY-NO DETAILS  
FIELD /RESERVOIR  
/QUEEN

| TYPE | FORMATION | LTH | TOP  | DEPTH/SUB | BSE | DEPTH/SUB |
|------|-----------|-----|------|-----------|-----|-----------|
| LOG  | YATES     |     | 3594 | 124       |     |           |
| LOG  | SVN RVRS  |     | 3958 | -240      |     |           |
| LOG  | QUEEN     |     | 4504 | -786      |     |           |
| LOG  | PENROSE   |     | 4784 | -1066     |     |           |

CONTINUED IC# 300257015690

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Petroleum Information

PI-WRS-G  
Form No 11

DB a company of  
The Dun & Bradstreet Corporation

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MANZANO OIL D DO  
3 SUN PEARL FEDERAL

TYPE FORMATION LTH TOP DEPTH/SUB BSE DEPTH/SUB  
SUBSEA MEASUREMENTS FROM KB

PRODUCTION TEST DATA

PENROSE PERF 4787- 4939 GROSS  
PERF 4787- 4795 4837- 4844 4933- 4939  
ACID 4933- 4939 750GALS  
15% NEFE  
ACID 4837- 4844 800GALS  
15% NEFE  
ACID 4787- 4895 800GALS  
15% NEFE  
SWFR 4933- 4939 15000GALS 39000LBS SAND ADDTVGELA  
SWFR 4787- 4844 35000GALS 73000LBS SAND ADDTVGELA  
PERF'D 4787-4795, 4837 4844 W/14 IT, 4933-4939 W/2 PF

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS DLL MSFL CNL  
LOGS LDT CALP GR

DRILLING PROGRESS DETAILS

MANZANO OIL  
BOX 2107  
ROSWELL, NM 88202  
505-623-1996  
04/20 LOC/1990/  
05/29 DRLG 3635  
06/05 DRLG 5106  
06/11 5120 TD, WOCT  
06/11 DEVIATION SURVEYS @ 500 (1/2 DEG), 976 (1/2 DEG)  
1158 (1 DEG), 1372 (1 DEG), 1860 (3/4 DEG), 2357  
(3/4 DEG), 2852 (1 DEG), 3347 (1 DEG), 3842 (1/2  
DEG), 3939 (1/2 DEG), 4162 (1 DEG), 4641 (3/4  
DEG), 4705 (1 DEG), 5120 (1 DEG)  
06/21 5120 TD, PB 5070, RECG LD  
06/28 5120 TD, PB 5070, RECG LD  
07/05 5120 TD, PB 5070, WOPT  
RIG REL 06/07/90

CONTINUED

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DRILLING PROGRESS DETAILS  
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07/11 5120 TD, PB 5070  
COMP 6/20/90, IPP 97 BO, 33 MCFG, 32 BWPD,  
GOR 340, GTY (NR)  
PROD ZONE - QUEEN 4787-4939  
NO CORES OR DSTS RPTD