

**WRS COMPLETION REPORT**REISSUES SEC 27 TWP 18S RGE 35E  
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NMEX LEA \* 660FNL 660FEL SEC NE NE  
STATE COUNTY FOOTAGE SPOT  
YATES HARVEY E D DO  
OPERATOR WELL CLASS INIT FIN  
1 MOBIL "27" STATE  
WELL NO LEASE NAME  
3910KB 3900GR LEA CO UNDESIGNTD  
OPER ELEV FIELD POOL AREA  
API 30-025-25551-0000  
LEASE NO PERMIT OR WELL I.D. NO  
06/28/1977 08/06/1977 ROTARY VERT OIL  
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS  
5000 QUEEN W E K DRLG  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 4900 PB 4790 FM/TD PENROSE  
DRILLERS T.D. LOG T.D. PLUG BACK T.D. OLD T.D. FORM T.D.

**LOCATION DESCRIPTION**

7 MI SE BUCKEYE, NM

**CASING/LINER DATA**

CSG 8 5/8 @ 425 W/ 300 SACKS  
CSG 4 1/2 @ 4900 W/ 950 SACKS

**TUBING DATA**

TBG 2 3/8 AT 4546

**INITIAL POTENTIAL**

IPP 18BOPD 24HRS  
QUEEN PERF W/ 12/IT 4453- 4459  
PERF 4453- 4459  
ACID 4453- 4459 1000GALS  
15% BDA  
ACID 4453- 4459 2000GALS  
15% HCL (RE-ACIDIZE)  
SWFR 4453- 4459 10000GALS 10000LBS SAND  
YFGO-II 20/40

GOR TSTM

GTY-NO DETAILS

POT BASED ON 120 HR TEST, FLWD 88.55 BO.

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG  | SALT      |     | 3028          | 882           |

CONTINUED IC# 300257013577

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**Petroleum Information  
Corporation**P - WRS - GET  
Form No 187

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YATES HARVEY E D DO  
1 MOBIL "27" STATE

| TYPE                        | FORMATION | LTH | TOP  | DEPTH/SUB | BSE | DEPTH/SUB |
|-----------------------------|-----------|-----|------|-----------|-----|-----------|
| LOG                         | YATES     |     | 3226 | 684       |     |           |
| LOG                         | QUEEN     |     | 4428 | -518      |     |           |
| SUBSEA MEASUREMENTS FROM KB |           |     |      |           |     |           |

PRODUCTION TEST DATA

PTS 1UO 1UW  
QUEEN PERF W/ 3/IT 4836- 4838 GROSS  
PERF 4836, 4837, 4838  
ACID 4836- 4838 250GALS  
15% BDA  
BRPG @ 4810 4836- 4838  
SWBD WTR W/TRACE OIL  
CMT PLUG 4790-4810

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS SNP DLL GR

DRILLING PROGRESS DETAILS

YATES HARVEY E  
BOX 1933  
ROSWELL, NM 88202  
505-673-6601  
FM: QUEEN-PENROSE  
05/30 LOC/1977/  
07/12 4900 TD, WOCT  
07/19 4900 TD, PB 4790, PREP FRAC  
08/09 4900 TD, PB 4790, WOPT  
08/16 4900 TD, PB 4790, WO STATE FORMS  
01/28 TD REACHED 07/10/77 RIG REL 07/10/77  
4900 TD, PB 4790  
COMP 8/6/77, IPP 18 BOPD, GOR TSTM,  
GTY (NR)  
PROD ZONE - QUEEN 4453-4459  
NO CORES OR DSTS RPTD  
REISSUED TO CORRECT PBD, SPUD DATE, COMP  
DATE, SURF CSG, PROD TEST, IP, & ADD  
TUBING, LOGS RUN, TD & RR DATE, NO CORES  
STMT  
REPLACEMENT FOR CT ISSUED 9/10/77

F.R. 5-30-77  
(Queen-Penrose)  
7-12-77 TD 4900'; WOCU  
7-19-77 TD 4900'; PBD 4855'; Prep Frac  
Perf (Queen) 4836', 4837', 4838'  
Acid (4836-38') 1000 gals  
Swbd wtr w/trace oil (4836-38')  
Acid (4836-38') 2000 gals  
Frac (4836-38') 10,000 gals + 10,000# sd  
8-9-77 TD 4900'; PBD 4855'; TOP  
Ppd 30 BO in 24 hrs (4836-38')  
8-16-77 TD 4900'; PBD 4855'; TOP  
Ppd 26 BO in 24 hrs (4836-38')  
9-5-77 TD 4900'; PBD 4855; Complete  
LOG TOPS: Base Salt 3028', Yates 3226', Queen 4428'  
9-10-77 COMPLETION ISSUED  
9-2-11 NM  
IC 30-025-70135-77