

# WRS COMPLETION REPORT

COMPLETIONS SEC 35 TWP 17S RGE 33E  
PI# 30-T-0009 01/19/90 30-025-30675-0000 PAGE 1

NMEX LEA \* 990FSL 1980FWL SEC SE SW  
STATE COUNTY FOOTAGE SPOT  
UNION OIL OF CALIF D DO  
OPERATOR WELL CLASS INITIATION

6 STATE "35"  
WELL NO. LEASE NAME  
4113KB 4101GR MALJAMAR  
OPER ELEV FIELD POOL AREA

LEASE NO. API 30-025-30675-0000  
10/03/1989 10/16/1989 ROTARY VERT OIL  
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS

4950 GRBG-SAD CACTUS DRLG 54 RIG SUB 11  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 4850 PB 4808 FM/TD SN ANDRS

DRILLERS T.D. LOG T.D. PLUG BACK TO OLD T.D. FORM T.D.  
LOCATION DESCRIPTION

9 MI SE MALJAMAR, NM

## WELL IDENTIFICATION/CHANGES

FTG CHGD FROM 1260 FSL

## CASING/LINER DATA

CSG 8 5/8 @ 1605 W/ 800 SACKS  
CSG 5 1/2 @ 4850 W/ 1330 SACKS

## TUBING DATA

TBG 2 7/8 AT 4288

## INITIAL POTENTIAL

IPP 44BOPD 34 MCFD 811BW 24HRS  
GRAYBURG PERF W/ 112/IT 4378- 4592 GROSS  
PREMIER PERF W/ 48/IT 4594- 4626 GROSS  
SN ANDRS PERF W/ 64/IT 4674- 4764 GROSS  
GTY 36.8 GOR 773

FIELD /RESERVOIR  
/GRAYBURG-SAN ANDRES

COMMINGLED

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG  | YATES     |     | 2870 1231     |               |

CONTINUED IC# 300257024989

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Petroleum Information

CB a company of  
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POWER OF  
ATTORNEY

COMPLETIONS SEC 35 TWP 17S RGE 33E  
PI# 30-T-0009 01/19/90 30-025-30675-0000 PAGE 2

UNION OIL OF CALIF D DO  
6 STATE "35"

| TYPE | FORMATION | LTH | TOP  | DEPTH/SUB | BSE | DEPTH/SUB |
|------|-----------|-----|------|-----------|-----|-----------|
| LOG  | SVN RVRS  |     | 3264 | 837       |     |           |
| LOG  | QUEEN     |     | 3885 | 216       |     |           |
| LOG  | GRAYBURG  |     | 4259 | -158      |     |           |
| LOG  | PREMIER   |     | 4592 | -491      |     |           |
| LOG  | SN ANDRS  |     | 4658 | -557      |     |           |

SUBSEA MEASUREMENTS FROM GR

PRODUCTION TEST DATA

SN ANDRS PERF W/ 64/IT 4674- 4764 GROSS  
PERF 4674- 4678 4694- 4710 4714- 4718 4760- 4764  
ACID 4674- 4764 3000GALS  
15% NEFE HCL

GRAYBURG PERF W/ 112/IT 4378- 4592 GROSS  
PREMIER PERF W/ 48/IT 4594- 4626 GROSS  
PERF 4378- 4382 4403- 4405 4514- 4518 4544- 4556  
PERF 4560- 4570 4574- 4592 4594- 4604 4609- 4616  
PERF 4622- 4626  
ACID 4378- 4626 41000GALS  
15% NEFE HCL  
SWFR 4378- 4626 40000GALS 77000LBS SAND

ADDTVGELA

MINI-MAX 30# BORATE  
20/40

PTP 44BOPD 811BW 24HRS  
GRAYBURG PERF 4378- 4592 GROSS  
PREMIER PERF 4594- 4626 GROSS  
SN ANDRS PERF 4674- 4764 GROSS  
GTY 36.8 GOR 773  
COMMINGLED

LOGS AND SURVEYS /INTERVAL,TYPE/

| LOGS | DLL | FRXL | LDT |
|------|-----|------|-----|
| LOGS | CNL | GR   | PDC |

DRILLING PROGRESS DETAILS

UNION OIL OF CALIF  
BOX 671

CONTINUED

COMPLETIONS SEC 35 TWP 17S RGE 33E  
PI# 30-T-0009 01/19/90 30-025-30675-0000 PAGE 3

UNION OIL OF CALIF D DO  
6 STATE "35"

DRILLING PROGRESS DETAILS

MIDLAND, TX 79702  
915-682-9731  
09/18 LOC/1989/  
10/12 4850 TD, WOCT  
10/12 DEVIATION SURVEYS @ 250 (1/4 DEG), 750 (1/2 DEG)  
1248 (3/4 DEG), 1605 (1 DEG), 2088 (1 1/4 DEG),  
2327 (1 DEG), 2672 (1 1/4 DEG), 2922 (1 1/4 DEG)  
3231 (1 1/4 DEG), 3723 (1 1/2 DEG), 4188 (1 1/4  
DEG), 4686 (1 1/4 DEG), 4850 (1 1/2 DEG)  
TOTAL DISPLACEMENT 90.8210 FT @ TD  
11/07 4850 TD, PB 4808, SWBG  
12/08 4850 TD, PB 4808, WOPT  
TD REACHED 10/08/89 RIG REL 10/10/89  
01/15 4850 TD, PB 4808  
COMP 10/16/89, IPP 44 BO, 34 MCFG, 811  
BWP, GOR 773, GTY 36.8  
PROD ZONE - GRAYBURG-SAN ANDRES 4378-4764  
(COMMINGLED)  
NO CORES OR DSTS RPTD