

# WRS COMPLETION REPORT

COMPLETIONS SEC 18 TWP 11S RGE 38E  
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NMEX LEA \* 660FNL 990FWL SEC NW NW  
STATE COUNTY FOOTAGE  
APACHE CORP  
OPERATOR WELL CLASS IN

1 ECHOLS "18" STATE

WELL NO 3916GR

WILDCAT

OPER ELEV

API 30-025-30174-0000

01/01/1988 02/19/1988 ROTARY

D&A

12800 DEVONIAN NORTON DRLG

13

DTD 12300

FM/TD DEVONIAN

## LOCATION DESCRIPTION

15 MI SE CROSS ROADS, NM

## CASING/LINER DATA

CSG 13 3/8 @ 450 W/ 475 SACKS  
CSG 8 5/8 @ 4425 W/ 1400 SACKS  
PLUGS @ 12106-12220 W/35 SX, 10171-10285 W/35 SX,  
7676-7790 W/35 SX, 5686-5800 W/35 SX, BRPG @  
4415, 384-500 W/80 SX, 0-30 W/10 SX

| TYPE | FORMATION | LTH | TOP   | DEPTH/SUB | BSE | DEPTH/SUB |
|------|-----------|-----|-------|-----------|-----|-----------|
| LOG  | RUSTLER   |     | 2260  | 1656      |     |           |
| LOG  | YATES     |     | 3020  | 896       |     |           |
| LOG  | SN ANDRS  |     | 4355  | -439      |     |           |
| LOG  | GLORIETA  |     | 5800  | -1884     |     |           |
| LOG  | TUBB      |     | 7095  | -3179     |     |           |
| LOG  | ABO       |     | 7790  | -3874     |     |           |
| LOG  | WOLFCAMP  |     | 9050  | -5134     |     |           |
| LOG  | CISCO     |     | 9775  | -5859     |     |           |
| LOG  | STRAWN    |     | 10285 | -6369     |     |           |
| LOG  | ATOKA     |     | 11070 | -7154     |     |           |
| LOG  | MSSP      |     | 11705 | -7789     |     |           |
| LOG  | DEVONIAN  |     | 12220 | -8304     |     |           |

## FORMATION TEST DATA

DST 1 5030- 5124 SN ANDRS  
REC 624.0 FT WTR 2400.0 CC WTR

CONTINUED IC# 300257041587

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APACHE CORP  
1 ECHOLS "18" STATE WF WF

FORMATION TEST DATA

INIT OP 30M IFP 54 FFP 136  
FINAL OP 1H IFP 163 FFP 298 BHT 110F  
ISIP 1658 1H FSIP 1671 3H IHP 2156 FHP 2156  
SPL CHAM PRESS FINAL 20

DST 2 12093-12236 MSSP CUSH 3016 WTR  
OVERLAPS DEVONIAN  
REC 3016.0 FT WCUSH 90.0 FT MUD  
REC 2200.0 CC MUD  
INIT OP 30M IFP 1314 FFP 1331  
FINAL OP 1H IFP 1335 FFP 1345  
ISIP 2249 1H FSIP 2349 2H IHP 5723 FHP 5723  
WS 32000 PPM CL

DST 3 12236-12300 DEVONIAN  
REC 2500.0 CC WTR  
INIT OP 30M IFP 1502 FFP 1565  
FINAL OP 1H IFP 1564 FFP 1814  
ISIP 4514 1H FSIP 4514 3H IHP 5931 FHP 5931

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS DLL FDC CNL  
LOGS SONL

DRILLING PROGRESS DETAILS

APACHE CORP  
600 W ILLINOIS STE 303  
MIDLAND, TX 79701  
915-684-4298  
12/07 LOC/1987/  
01/08 DRLG 2300  
01/14 DRLG 4425  
01/21 DRLG 7515  
01/28 DRLG 10070  
02/04 DRLG 11551  
02/11 DRLG 11940  
02/18 12300 TD, PREP D&A  
02/25 12300 TD, HOLDING FOR DATA  
03/28 TD REACHED 02/14/88 RIG REL 02/19/88  
12300 TD

CONTINUED

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WF WF

APACHE CORP  
1

ECHOLS "18" STATE

DRILLING PROGRESS DETAILS

COMP 2/19/88, D&A  
NO CORES, THREE DSTS RPTD