

# WRS COMPLETION REPORT

REISSUES SEC 12 TWP 17S RGE 38E  
PI# 30-T-0009 10/03/88 30-025-29708-0000 PAGE 1

NMEX LEA \* 1830FSL 660FEL SEC NE SE  
STATE COUNTY FOOTAGE SPOT  
CHEVRON USA D DO  
OPERATOR WELL CLASS INIT WFIN

3 CONE W F  
WELL NO LEASE NAME  
3704KB 3682GR KNOWLES S  
OPER ELEV FIELD POOL AREA  
API 30-025-29708-0000

LEASE TYPE NO PERMIT OR WELL ID NO  
07/22/1986 11/19/1986 ROTARY OIL  
SPUD DATE COMP DATE TYPE TOOL AT FORM ID STATUS  
12600 DEVONIAN CHEVRON DRLG 2 RIG SUB 21  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 12606 PB 12150 FM/TD DEVONIAN  
DRILLERS T.D. LOG T.D. FLUG BACK TO OLD T.D. FORM TO

## LOCATION DESCRIPTION

2 MI NE KNOWLES, NM

## WELL IDENTIFICATION/CHANGES

FTG CHGD FROM 1980 FSL

## CASING/LINER DATA

CSG 13 3/8 @ 462 W/ 510 SACKS  
CSG 8 5/8 @ 4808 W/ 900 SACKS  
CSG 5 1/2 @ 12606 W/ 1250 SACKS

## TUBING DATA

TBG 2 3/8 AT 11987

## INITIAL POTENTIAL

IPP 32BOPD 22 MCFD 403BW 24HRS  
DEVONIAN PERF W/ 4/FT 12091-12124 GROSS  
GTY 45.5 GOR 688

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG  | RUSTLER   |     | 2300 1404     |               |
| LOG  | SALT      |     | 2380 1324     | 3490 214      |
| LOG  | YATES     |     | 3520 184      |               |
| LOG  | GRAYBURG  |     | 4800 -1096    |               |
| LOG  | SN ANDRS  |     | 5330 -1626    |               |

CONTINUED IC# 300257017886

REISSUES SEC 12 TWP 17S RGE 38E  
PI# 30-T-0009 10/03/88 30-025-29708-0000 PAGE 2

CHEVRON USA D DO  
3 CONE W F

| TYPE | FORMATION | LTH   | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-------|---------------|---------------|
| LOG  | ABO       |       | 8708 -5004    |               |
| LOG  | WOLFCAMP  |       | 9354 -5650    |               |
| LOG  | PNNSYLVN  | 10610 | -6906         |               |
| LOG  | ATOKA     | 11040 | -7336         |               |
| LOG  | MSSP      | 11248 | -7544         |               |
| LOG  | DEVONIAN  | 12078 | -8374         |               |

SUBSEA MEASUREMENTS FROM KB

FORMATION TEST DATA

DST 1 9728- 9848 WOLFCAMP S  
REC 2.0 FT OIL 90.0 FT OGCFLUD  
REC 559.0 FT SGCFLUD .0 TR GAS  
REC 2300.0 CC WTR

BHT 148F

BHT DEPTH @ 9844  
SPL REC - .013 CFT GAS  
NO OTHER DETAILS

DST 2 12100-12152 DEVONIAN CUSH 1000 WTR S  
REC 22.0 BBL OGWCUSH 11.0 BBL MCW  
REC 12.0 BBL OIL 3.3 CFT GAS  
REC 1700.0 CC O&G

IHP 5717

SPL REC - 3.35 CFT GAS  
NO OTHER DETAILS

DST 3 12234-12288 DEVONIAN  
REC 8.0 BBL MUD 7.8 BBL WCUSH  
REC 2300.0 CC WTR  
INIT OP 10M IFP 548 FFP 580  
FINAL OP 1H30M IFP 640 FFP 1062 BHT 177F  
ISIP 4593 1H FSIP 4607 3H IHP 5692 FHP 5724  
SPL CHAM PRESS FINAL 32600  
WS 25000 PPM CL  
WS 32600 PPM CL

BHT @ 12216

PRODUCTION TEST DATA

PTS 36BW  
DEVONIAN PERF W/ 4/FT 12451-12508 GROSS

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REISSUES  
PI# 30-T-0009 10/03/88 SEC 12 TWP 17S RGE 38E  
30-025-29708-0000 PAGE 3

CHEVRON USA  
3 CONE W F D DO

PRODUCTION TEST DATA

PERF 12451-12453 12490-12492 12506-12508  
BRPG @12404 12451-12508  
SWBD 36 BW IN 12 RUNS

PTS 13BO 173BW  
DEVONIAN PERF W/ 24/IT 12159-12175 GROSS  
PERF 12159-12161 12167-12169 12173-12175  
ACID 12159-12175 7BBLs  
15%  
SQZD W/ 150S 12159-12175  
SWBD 13 BO + 173 BW IN 35 RUNS  
CMT RET @ 12050  
SQZD & DOC TO 12182

PTS 4BW  
DEVONIAN REPERF W/ 8/IT 12159-12161  
PERF 12159-12161  
SWBD 4 BW IN 4 RUNS

PTS 77BW 4HRS  
DEVONIAN PERF 12159-12161  
ACID 12159-12161  
AMT-NO DETAILS

PTS 1BO 5BW  
DEVONIAN PERF 12159-12161  
PERF 12159-12161  
SQZD W/ 75S 12159-12161  
SWBD 1 BO + 5 BW IN 1 HR 30 MINS  
SQZD & DOC TO 12150

PTS 66BO 12HRS  
DEVONIAN PERF W/ 4/FT 12091-12124 GROSS  
PERF 12091-12094 12102-12105 12120-12124  
ACID 12091-12124 500GALS  
15%  
SWBD 66 BO + 23 BLW IN 12 HRS

PTS 28BO 143BW  
DEVONIAN PERF 12091-12124 GROSS  
ACID 12091-12124 158GALS  
15%

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REISSUES SEC 12 TWP 17S RGE 38E  
PI# 30-T-0009 10/03/88 30-025-29708-0000 PAGE 4

CHEVRON USA D DO  
3 CONE W F

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PRODUCTION TEST DATA  
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SWBD 28 BO + 143 BW IN 8 HRS 30 MINS

PTP 435BOPD 435BW 24HRS  
DEVONIAN PERF 12091-12124 GROSS

PTP 56BOPD 409BW 24HRS  
DEVONIAN PERF 12091-12124 GROSS

PTP 30BOPD 451BW 24HRS  
DEVONIAN PERF 12091-12124 GROSS

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LOGS AND SURVEYS /INTERVAL,TYPE/  
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|                     |                 |                  |
|---------------------|-----------------|------------------|
| LOGS 0-12606 GR     | 0-12606 CNL     | 0-12606 CDL      |
| LOGS 4795-12603 DLL | 4795-12603 MLL  | 10080-12603 DIPM |
| LOGS 7700-12515 GR  | 7700-12515 CCL  | 7700-12515 CBL   |
| LOGS11500-12515 GR  | 11500-12515 CCL | 11500-12515 CBL  |
| LOGS11500-12515 CEL | 11500-12515 CET |                  |

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DRILLING MEDIA /TYPE,DEPTH/  
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475 8.4 PPG

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DRILLING BREAKS  
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09214-09229  
09404-09648  
09750-09760  
09810-09844  
12482-12522

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DRILLING PROGRESS DETAILS  
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|       |                 |
|-------|-----------------|
|       | CHEVRON USA     |
|       | BOX 670         |
|       | HOBBS, NM 88240 |
|       | 505-393-4121    |
| 06/23 | LOC/1986/       |
| 07/25 | DRLG 475        |
| 08/06 | DRLG 6100       |
| 08/12 | DRLG 8005       |
| 08/18 | DRLG 9400       |

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REISSUES SEC 12 TWP 17S RGE 38E  
PI# 30-T-0009 10/03/88 30-025-29708-0000 PAGE 5

CHEVRON USA  
3

CONE W F

D DO

DRILLING PROGRESS DETAILS

08/26 DRLG 11028  
08/29 11619 TD, TRIP  
09/09 12606 TD, RNG 5 1/2 CSG  
09/11 12606 TD, WOCT  
09/17 12606 TD, PB 12516, PREP PERF  
09/22 12606 TD, PB 12404, TOP  
10/01 12606 TD, PB 12182, SWBG  
10/06 12606 TD, PB 12150, SWBG  
10/14 12606 TD, PB 12150, POP  
10/21 12606 TD, PB 12150, TOP  
10/28 12606 TD, PB 12150, TOP  
11/03 12606 TD, PB 12150, TOP  
11/07 12606 TD, PB 12150, SI  
11/24 12606 TD, PB 12150, WOPT  
01/20 TD REACHED 09/06/86 RIG REL 09/09/86  
12606 TD, PB 12150  
COMP 11/19/86, IPP 32 BO, 22 MCFG, 403  
BWP, GOR 688, GTY 45.5  
PROD ZONE - DEVONIAN 12091-12124  
NO CORES, THREE DSTS RPTD  
09/26 REISSUED TO ADD DSTS  
REPLACEMENT FOR CT ISSUED 1/26/87