

WRS COMPLETION REPORT
 COMPLETIONS SEC 2 TWP 20S RGE 33E
 PI# 30-T-0020 12/01/89 30-025-30468-0001 PAGE 1

NMEX LEA * 660FNL 2310FWL SEC NE NW
 STATE COUNTY FOOTAGE SPOT
 BTA OIL PRODUCERS D X DO
 OPERATOR WELL CLASS INIT FIN
 2 GEM 8705 JV-P
 WELL NO. LEASE NAME
 3589GR TEAS
 OPER ELEV FIELD/POOL AREA
 API 30-025-30468-0001

LEASE NO. PERMIT OR WELL I.D. NO.
 10/25/1989 11/04/1989 WO-UNIT VERT OIL-WO
 SPUD DATE COMP DATE TYPE TOOL HOLE TYPE STATUS
 10155 BONE SPG NOT RPTD
 PROJ. DEPTH PROJ. FORM CONTRACTOR
 DTD 13630 PB 10155 OTD 13630 FM/TD MORROW
 DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

7 MI NE HALFWAY, NM

INITIAL POTENTIAL

IPP 149BOPD 286 MCFD 27BW 24HRS
 BONE SPG PERF 9288- 9822 GROSS
 PERF 9288- 9426 9804- 9822
 ACID 9804- 9822 1500GALS
 GOR, GTY-NO DETAIL

PRODUCTION TEST DATA

MORROW PERF 13199-13226
 PERF 13199-13226
 BRPG @10155 13199-13226

DRILLING PROGRESS DETAILS

BTA OIL PRODUCERS
 104 S PECOS
 MIDLAND, TX 79701
 915-682-3753
 OWWO: OLD INFO: FORMERLY BTA OIL PRODUCERS 2
 GEM 8705 JV-P. ELEV 3589 GR, 3609 KB. SPUD
 11/9/88. 20 @ 1360 W/2400 SX, 13 3/8 @ 3105,
 9 5/8 @ 5476 W/1600 SX, 7 @ 12570 W/1900 SX,
 5 LNR 12167-13630 W/200 SX. LOG TOPS: WOLFCAMP
 SH 10865, STRAWN 12120, ATOKA 12340. OTD 13630.
 PB 13523. COMP 1/11/89. IPCAOF 3118 MCFGPD.

CONTINUED IC# 300257034389

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Petroleum Information

PI-WRS-GE
 Form No 1B

DB a company of
 The Dun & Bradstreet Corporation

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BTA OIL PRODUCERS D X DO
2 GEM 8705 JV-P

DRILLING PROGRESS DETAILS

11/13 PROD ZONE: MORROW 13199-13226.
11/30 LOC/1989/
13630 TD, PB 10155
COMP 11/4/89, IPP 149 BO, 286 MCFG, 27
BWP, GOR (NR), GTY (NR)
PROD ZONE - BONE SPRING 9288-9822
FIRST REPORT & COMPLETION

WRS COMPLETION REPORT
 REISSUES SEC 2 TWP 20S RGE 33E
 PI# 30-T-0005 03/06/89 30-025-30468-0000 PAGE 1

NMEX LEA * 660FNL 2310FWL SEC NE NW
 STATE COUNTY FOOTAGE SPOT
 BTA OIL PRODUCERS D DG
 OPERATOR WELL CLASS INIT FIN
 2 GEM 8705 JV-P
 WELL NO. LEASE NAME
 3609KB 3589GR GEM E
 OPER ELEV FIELD/POOL/AREA
 API 30-025-30468-0000
 LEASE TYPE/NO. PERMIT OR WELL I.D. NO.

11/09/1988 01/11/1989 ROTARY GAS
 SPUD DATE COMP. DATE TYPE TOOL STATUS
 13500 MORROW PARKER 161 RIG SUB 19
 PROJ. DEPTH PROJ. FORM CONTRACTOR
 DTD 13630 PB 13523 FM/TD MORROW
 DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

7 MI NE HALFWAY, NM

CASING/LINER DATA

CSG 20 @ 1360 W/ 2400 SACKS
 CSG 13 3/8 @ 3105
 CSG 9 5/8 @ 5476 W/ 1600 SACKS
 CSG 7 @12570 W/ 1900 SACKS
 LNR 5 12167-13630 W/ 200S

TUBING DATA

TBG 2 7/8 AT 13118

INITIAL POTENTIAL

IPF 3118 MCFD 24HRS
 MORROW PERF W/ 19/IT 13199-13226
 @13212FT BHT 188F
 674MCFD TP 3780 BHFP 5780
 1470MCFD TP 2895 BHFP 4694
 1899MCFD TP 2290 BHFP 3878
 2535MCFD TP 1673 BHFP 2803
 BH 6443 FPCAOF 3118MCFD
 GTY 54.1 GOR 25000
 GAS GTY .689
 P/L CON LLANO INC
 SITP-NO DETAILS
 1ST THRU 4TH PT IN 60 MINS, CHKS-NO DETAILS

CONTINUED IC# 300257037388

BTA OIL PRODUCERS D DG
 2 GEM 8705 JV-P

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG | YATES | | 3240 | 369 |
| LOG | SVN RVRS | | 3330 | 279 |
| LOG | DELWR SD | | 5647 | -2038 |
| LOG | BONE SPG | | 7930 | -4321 |
| LOG | WFCMP SH | | 10865 | -7256 |
| LOG | STRAWN | | 12120 | -8511 |
| LOG | ATOKA | | 12340 | -8731 |

SUBSEA MEASUREMENTS FROM KB

PRODUCTION TEST DATA

PTF 100BOPD 2500 MCFD 40BW 24HRS
 MORROW PERF W/ 19/IT 13199-13226
 PERF 13199-13226
 TP 1095
 CP PKR
 NATURAL

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS DLL DI CNDL

DRILLING PROGRESS DETAILS

BTA OIL PRODUCERS
 104 S PECOS
 MIDLAND, TX 79701
 915-682-3753
 LOC/1988/
 09/16 MIRT
 11/08 3105 TD, WOC
 11/29 DRLG 5506
 12/06 DRLG 9100
 12/13 DRLG 11613
 12/20 DRLG 12465
 12/27 DRLG 13005
 01/03 13630 TD, PREP RUN 5 LNR
 01/10 DEVIATION SURVEYS @ 480 (1/4 DEG), 938 (1/2 DEG)
 1435 (1 DEG), 1758 (3/4 DEG), 2070 (3/4 DEG),
 2477 (1 DEG), 2785 (1/2 DEG), 3105 (1/2 DEG),
 3410 (3/4 DEG), 3722 (3/4 DEG), 4030 (1 DEG),
 5476 (3/4 DEG), 5596 (3/4 DEG), 6495 (3/4 DEG),

CONTINUED

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BTA OIL PRODUCERS D DG
2 GEM 8705 JV-P

DRILLING PROGRESS DETAILS

7485 (1/2 DEG), 7980 (1/2 DEG), 8695 (1 1/2 DEG)
9160 (1 3/4 DEG), 9655 (1 1/2 DEG), 10150 (1 1/2
DEG), 11172 (1 1/2 DEG), 11670 (1 1/2 DEG),
12446 (1 DEG), 12570 (1 DEG), 13030 (1 3/4 DEG),
13630 (2 DEG)
TOTAL DISPLACEMENT 238.27 FT @ TD
01/17 13630 TD, PB 13523, WOPT
TD REACHED 01/03/89 RIG REL 01/05/89
01/25 13630 TD, PB 13523
COMP 1/11/89, IPCAOF 3118 MCFGPD, GOR
25000, GTY (GAS) .689,
(COND) 54.1, SIWHF (NR),
SIBHP 6443
PROD ZONE - MORROW 13199-13226
NO CORES OR DSTS RPTD
03/02 REISSUE TO CORRECT IP & ADD FOUR POINT
TESTS
REPLACEMENT FOR CT ISSUED 1/30/89