

WRS COMPLETION REPORT

COMPLETIONS SEC 14 TWP 16S RGE 38E
 PIA 30-T-0013 06/22/87 30-025-29787-0000 PAGE 1

NMEX LEA * 330FSL 990FEL SEC SE SE
 STATE COUNTY FOOTAGE SPOT
 MARATHON OIL WD WDD
 OPERATOR WELL CLASS INIT FIN

1 BENSON
 WELL NO. LEASE NAME
 3723KB 3698GR KNOWLES N
 OPER ELEV FIELD/POOL/AREA
 API 30-025-29787-0000

LEASE TYPE/NO. PERMIT OR WELL I.D. NO.
 11/15/1986 03/01/1987 ROTARY OIL
 SPUD DATE COMP. DATE TYPE TOOL STATUS
 13500 DEVONIAN MCVAY DRLG 10 RIG SUB 24
 PROJ. DEPTH PROJ. FORM CONTRACTOR
 DTD 13345 PB 13248 FM/TD DEVONIAN
 DRILLERS T.D. LOG T.D. PLUG BACK TO OLD T.D. FORM T.D.

LOCATION DESCRIPTION

13 MI SE LOVINGTON, NM

WELL IDENTIFICATION/CHANGES

FIELD CHGD FROM WILDCAT
 PROJ FM CHGD FROM SILURO-DEVONIAN

CASING/LINER DATA

CSG 20 @ 40
 CSG 13 3/8 @ 319 W/ 430 SACKS
 CSG 9 5/8 @ 5017 W/ 2015 SACKS
 CSG 5 1/2 @ 13344 W/ 1800 SACKS

TUBING DATA

TBG 2 7/8 AT 9035

INITIAL POTENTIAL

IPP 313BOPD 11.4MCFD 120BW 24HRS
 DEVONIAN PERF JET W/ 104/IT 13120-13150 GROSS
 GTY 46.9 GOR 36

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	SN ANDRS		5010	-1287		
LOG	GLORIETA		6327	-2604		
LOG	PADDOCK		6524	-2801		

CONTINUED IC# 300257032086

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Petroleum Information

DB a company of
 The Dun & Bradstreet Corporation

PI-WRS-GET
 Form No 187

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MARATHON OIL WD WDD
 1 BENSON

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	TUBB		7692	-3969		
LOG	ABO		8320	-4597		
LOG	WOLFCAMP		9490	-5767		
LOG	ATOKA		11290	-7567		
LOG	DEVONIAN		13118	-9395		

FORMATION TEST DATA

DST 1 13130-13220 DEVONIAN CUSH 2000 WTR S
 REC 1600.0 FT OIL 200.0 FT O&GCM
 REC 2000.0 FT WCUSH 2300.0 CC OIL
 REC 300.0 CC MUD
 INIT OP 15M IFP 867
 FINAL OP 2H IFP 1233
 ISIP 4709 30M FSIP 4765 4H40M IHP 6491 FHP 6278
 SPL CHAM PRESS FINAL 265
 WEAK BLOW ON IF, FAIR BLOW INCREASING TO 18 OZ AT END
 OF FINAL FLOW
 NO OTHER PRESSURES RPTD

DST 2 13175-13245 DEVONIAN CUSH 2000 WTR
 REC 180.0 FT MUD 2000.0 FT WCUSH
 REC 2600.0 CC MUD
 INIT OP 17M IFP 976
 FINAL OP 1H IFP 1044
 ISIP 4992 1H FSIP 5025 2H IHP 6597 FHP 6597
 SPL CHAM PRESS FINAL 115
 WEAK BLOW IN IF & FF
 NO OTHER PRESSURES RPTD

DST 3 - MISRUN
 PKR SEAT FAILED

DST 4 13221-13295 DEVONIAN CUSH 2500 WTR
 REC 965.0 FT MUD 2500.0 FT WCUSH
 REC 2600.0 CC MUD
 INIT OP 15M IFP 1657
 FINAL OP 1H IFP 1667
 ISIP 1954 30M FSIP 2337 2H IHP 6453 FHP 6447
 SPL CHAM PRESS FINAL 75
 WEAK BLOW IN IF, NO BLOW IN FF
 NO OTHER PRESSURES RPTD

CONTINUED

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MARATHON OIL
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BENSON

WD WDD

PRODUCTION TEST DATA

PTP 301BOPD 261BW
 DEVONIAN PERF W/ 104/IT 13120-13150 GROSS 24HRS
 PERF 13120-13130 13130-13150
 ACID 13120-13150 6000GALS
 15% NEFE HCL
 ACFR 13120-13150 30000GALS
 20% HCL

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS	GR LDT	DLL BHC	CNL SONL
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DRILLING PROGRESS DETAILS

MARATHON OIL
 BOX 552
 MIDLAND, TX 78702
 915-682-1626
 11/04 LOC/1986/
 11/20 DRLG 2200
 11/25 DRLG 5030
 12/04 DRLG 7050
 12/11 DRLG 9204
 12/18 DRLG 10200
 12/22 DRLG 11370
 12/29 DRLG 11989
 01/08 DRLG 12122
 01/15 DRLG 13027
 01/22 DRLG 13295 (DOLO)
 01/29 13345 TD, WOCT
 02/02 13345 TD, WOCT
 02/05 13345 TD, RECG LD
 02/12 13345 TD, PB 13248, TSTG
 02/19 13345 TD, PB 13248, TSTG
 02/26 13345 TD, PB 13248, TSTG
 03/04 13345 TD, PB 13248, WOPT
 06/15 RIG REL 01/26/87
 13345 TD, PB 13248
 COMP 3/1/87, IPP 313 BO, 11.4 MCFG, 120
 BWPD, GOR 36, GTY 46.9
 PROD ZONE - DEVONIAN 13120-13150

CONTINUED

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MARATHON OIL
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BENSON

WD WDD

DRILLING PROGRESS DETAILS

06/15 NO CORES, FOUR DSTS RPTD
DEVONIAN DISCOVERY - DEEPER POOL
FIELD DESIGNATED KNOWLES NORTH