

WRS COMPLETION REPORT

COMPLETIONS SEC 16 TWP 19S RGE 33E
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NMEX LEA * 1980FSL 660FWL SEC
STATE COUNTY FOOTAGE SPOT
SUN EXPL & PROD D DO
OPERATOR MADURO STATE COM WELL CLASS INIT FIN
1 LEASE NAME
WELL NO. 3645GR LEA CO UNDESIGNTD
OPER ELEV FIELD POOL AREA
API 30-025-29332-0000
LEASE TYPE/NO. PERMIT OR WELL I.D. NO
10/05/1985 04/08/1986 ROTARY OIL
SPUD DATE COMP. DATE TYPE TOOL
13900 MORROW WILLBROS DRLG 7
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 13712 PB 13647 FM/TD ATOKA
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

14 MI SW BUCKEYE, NM

CASING/LINER DATA

CSG 13 3/8 @ 416 W/ 425 SACKS	01
CSG 8 5/8 @ 5200 W/ 3150 SACKS	02
CSG 5 1/2 @ 13712 W/ 1800 SACKS	08

TUBING DATA

TBG 2 7/8 AT 13018

INITIAL POTENTIAL

IPF 32BOPD 1500.0MCFD 8BW 16/64CK 24HRS
MORROW PERF W/ 76/IT 13216-13524 GROSS 016
PERF 13216-13524
TP 1750

GOR 46875

GTY NOT RPTD

FCP PKR

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	RUSTLER		1410	2235		
LOG	SALT		3200	445		
LOG	YATES		3230	415		
LOG	QUEEN		4200	-555		
LOG	GRAYBURG		4685	-1040		
LOG	SN ANDRS		5030	-1385		

CONTINUED IC# 300257034185

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Petroleum Information
CORPORATION

PI-WRS-G
Form No 18

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SUN EXPL & PROD D DO
 1 MADURO STATE COM

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	BONE SPG		7800	-4155		
LOG	BONE SP1		9110	-5465		
LOG	BONE SP2		9730	-6085		
LOG	BONE SP3		10500	-6855		
LOG	WOLFCAMP		10945	-7300		
LOG	STRAWN		12070	-8425		
LOG	ATOKA		12717	-9072		

FORMATION TEST DATA

DST 1 9234- 9250 BONE SPG 003
 REC 2200.0 CC MUD
 INIT OP 30M IFP 54 FFP 254
 FINAL OP 1H30M IFP 54 FFP 54 BHT 134F
 ISIP 205 1H FSIP 2003 3H IHP 4518 FHP 4480
 WS 74000 PPM CL
 SAMPLE CHAMBER PRESSURE 30
 CHL 74000 PPM @ 60 DEG

DST 2 12265-12281 STRAWN 004
 INIT OP 30M
 FINAL OP 1H30M IFP 45 FFP 41
 ISIP 45 1H FSIP 50 3H
 GTS 40 MINS - 8 FT FLARE FOR 20 MINS
 REV OUT 1934 SCF GAS + 45 BBLs GCWCUSH
 REV OUT 150 BBLs GCM
 NO OTHER DETAILS

DST 3 12282-12298 S005
 REC 500.0 CC MUD 200.0 CC WTR
 REC 10.0 CC OIL
 IFP 1302 FFP 1376
 IFP 1395 FFP 1579 BHT 166F
 ISIP 5538 FSIP 5759 IHP 7011 FHP 6974
 SPL REC 500 CC MUD + 200 CC WTR + 10 CC OIL + 5.75
 CFT GAS, CHL 140000 PPM + 4000 PPM @ 60 DEG
 TIMES NOT RPTD

DST 4 12970-13024 ATOKA CUSH 4000 WTR S006
 REC 2000.0 CC GCM
 INIT OP 30M IFP 1788 FFP 1788
 FINAL OP 1H30M IFP 1788 FFP 1788 BHT 172F

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SUN EXPL & PROD D DO
1 MADURO STATE COM

DRILLING PROGRESS DETAILS

03/04 13712 TD, PB 13647, SI
03/10 13712 TD, PB 13647, TSTG
04/01 13712 TD, PB 13647, PREP ACID
04/09 13712 TD, PB 13647, WOPT
06/19 TD REACHED 12/25/85 RIG REL 12/29/85
13712 TD, PB 13647
COMP 4/8/86, IPF 32 BO, 1500 MCFG, 8 BWPD,
16/64 CK, GOR 46875, GTY (NR)
FTP 1750, FCP PKR
PROD ZONE - MORROW 13216-13524
NO CORES, FIVE DSTS RPTD

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SUN EXPL & PROD D DO
1 MADURO STATE COM

PRODUCTION TEST DATA

PTF 32BCPD 2.0MCFD 8BW 16/64CK 24HRS
MORROW PERF W/ 43/IT 13216-13320 GROSS 015
PERF 13216-13224 13308-13320
TP 1750

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS 5200-13626 DLL CNL 5200-13600 LDT
LOGS GR CCL

DRILLING BREAKS

09236-09249
12270-12279 CIRC SAMPLES, 100% LM
12279-12281 CIRC SAMPLES, LM & CHT W/NS
13125-13145 CIRC SAMPLES, 100% SD

DRILLING PROGRESS DETAILS

SUN EXPL & PROD
OBX 1861
MIDLAND, TX 79702
915-688-0300
LOC/1985/
07/08 13712 TD, WOCT
01/07 416 TD, WOC
10/07 DRLG 4085 (DOLO)
10/15 DRLG 5029 (ANHY)
10/21 DRLG 7740 (LM & SD)
10/29 DRLG 9217 (SD, SH & LM)
11/04 DRLG 10995 (LM & SH)
11/18 DRLG 11750 (SH)
11/26 DRLG 12281
12/03 DRLG 12814 (LM & SH)
12/10 DRLG 13145
12/16 13712 TD, RNG LOGS
12/27 13712 TD, PB 13647, PREP LOG
01/15 13712 TD, PB 13647, PREP PERF
01/21 13712 TD, PB 13647, SI BHP
01/28 13712 TD, PB 13647, SI BHP
02/04 13712 TD, PB 13647, FLWG
02/11 13712 TD, PB 13647, SI BHP
02/25

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SUN EXPL & PROD D DO
1 MADURO STATE COM

FORMATION TEST DATA

ISIP 6481 1H FSIP 6481 3H IHP 8157 FHP 8589
WS 6000 PPM CL
DP REV OUT 56 BBLS GCWCUSH

DST 5 13114-13145 MORROW U CUSH 4000 WTR S007
GAS TS IN 35M MCFD
REC 2.2 CFT GAS 2400.0 CC GCM
INIT OP 15M IFP 1853 FFP 1853
FINAL OP 1H IFP 1853 FFP 8302 BHT 170F
ISIP 6497 45M IHP 8302 FHP 8302
WS135000 PPM CL
DP REV OUT 56 BBLS GCWCUSH

PRODUCTION TEST DATA

MORROW PERF W/ 33/IT 13508-13524 009
PERF 13508-13524
SWBD 19 BLW IN 2 HRS

PTF 286 MCFD 48/64CK 2HRS
MORROW PERF 13508-13524 010
ACID 13508-13524 2000GALS
10% NEFE HCL
TP 100

PTF 4BO 6BW 32/64CK 14HRS
MORROW PERF 13508-13524 011
TP 200

PTF 5BCPD 370.0MCFD 48/64CK 24HRS
MORROW PERF 13508-13524 012
SGFR 13508-13524 37200GALS 36500LBS SAND
13800 CO2 PURGEL
TP 170
FLWD 370 MCFG + 5 BC + 9 BLWPD THRU 48/64 CK

PTF 11BCPD 530.0MCFD 10BW 23/64CK
MORROW PERF 13508-13524 013
TP 800

MORROW PERF 13248-13268 014
PERF 13248-13268

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