

WRS COMPLETION REPORT

REISSUES SEC 15 TWP 19S RGE 33E
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NMEX LEA * 2310FSL 660FEL SEC NE SE
STATE COUNTY FOOTAGE SPOT
MANZANO OIL D WSD
OPERATOR WELL CLASS INIT FIN
1 WYNELL FEDERAL
WELL NO. LEASE NAME
3686KB 3667GR TONTO
OPER ELEV FIELD/POOL/AREA
API 30-025-30508-0000
LEASE NO. PERMIT OR WELL I.D. NO.
05/24/1989 08/25/1989 ROTARY VERT GAS
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS
13700 ATOKA MORANCO 3 RIG SUB 18
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 13700 LTD 13703 PB 13660 FM/TD MRW CLSC
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

9 MI NE HALFWAY, NM

WELL IDENTIFICATION/CHANGES

FLD CHGD FROM WILDCAT
INIT CLASS CHGD FROM WD
FIELD CHGD FROM GEM
PROJ FM CHGD FROM MORROW
FIELD CHGD FROM UNNAMED

CASING/LINER DATA

CSG 13 3/8 @ 500 W/ 675 SACKS
CSG 8 5/8 @ 5200 W/ 2350 SACKS
CSG 5 1/2 @ 13700 W/ 1100 SACKS

TUBING DATA

TBG 2 3/8 AT 12484

INITIAL POTENTIAL

IPF 32504 MCFD 24HRS
ATOKA PERF W/ 14/IT 12630-12637
SITP 4920
@12633FT BHT 188F
11/64CK 2293MCFD TP 4740 BHFP 4715
12/64CK 3288MCFD TP 4620 BHFP 4675
14/64CK 4606MCFD TP 4420 BHFP 4596

CONTINUED IC# 300257042188

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Petroleum Information

PI-WRS-GFT
Form No 187

BB a company of
The Bank of America Corporation

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MANZANO OIL
1 WYNELL FEDERAL D WSD

INITIAL POTENTIAL

17/64CK 6402MCFD TP 4100 BHFP 4478
BH 4799 FPCAOF 32504MCFD
GTY 47.7 GOR 5.2
GAS GTY .698
P/L CON TO AIR
FIELD /RESERVOIR
/ATOKA

1ST PT TEST IN 120 MINS, 10.5/64 CK
2ND THRU 4TH PT TEST IN 60 MINS

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	DELAWARE		5906	-2220		
LOG	BN SP LM		7853	-4167		
LOG	BONE SP1 SS		9174	-5488		
LOG	BONE SP2 SS		9666	-5980		
LOG	BONE SP3 SS		10652	-6966		
LOG	WOLFCAMP		10945	-7259		
LOG	STRAWN		12136	-8450		
LOG	ATOKA		12492	-8806		
LOG	MCRRW LM		12786	-9100		
LOG	MRW CLSC		13046	-9360		

SUBSEA MEASUREMENTS FROM KB

FORMATION TEST DATA

DST 1 -
TITE
DST 2 -
TITE
DST 3 -
TITE
DST 4 -
TITE

PRODUCTION TEST DATA

PTF 4000 MCFD 12/64CK 24HRS
ATOKA PERF W/ 14/IT 12630-12637

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MANZANO OIL D WSD
 1 WYNELL FEDERAL

 PRODUCTION TEST DATA

PERF 12630-12637
 NATURAL

PTF1032BCPD 32504 MCFD 17/64CK 24HRS
 ATOKA PERF 12630-12637
 TP 4100

PTF 48BOPD 4000 MCFD 12/64CK 24HRS
 ATOKA PERF 12630-12637
 TP 4600

 LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS	CNL	LDT	CWL
LOGS	DLL	MSFL	DI

 DRILLING PROGRESS DETAILS

MANZANO OIL
 BOX 2107
 ROSWELL, NM 88202
 505-623-1996
 11/11 LOC/1988/
 05/25 DRLG, NO DETAILS
 06/06 DRLG 6590
 06/13 DRLG 9582
 06/23 DRLG 12350
 06/29 DRLG 12650
 07/05 DRLG 13421
 07/11 13700 TD, WOCT
 07/11 DEVIATION SURVEYS @ 245 (1/2 DEG), 500 (1/4 DEG)
 1011 (1/2 DEG), 1505 (1/2 DEG), 2004 (1/2 DEG),
 2506 (3/4 DEG), 3080 (2 1/2 DEG), 3166 (2 DEG),
 3258 (1 1/2 DEG), 3446 (1 DEG), 3757 (1/2 DEG),
 4158 (1/2 DEG), 4429 (1/4 DEG), 4905 (1 DEG),
 5186 (3/4 DEG), 5683 (1 DEG), 6177 (1 DEG), 6673
 (3/4 DEG), 7222 (0 DEG), 7732 (3/4 DEG), 8225
 (1/4 DEG), 8724 (2 3/4 DEG), 8822 (2 3/4 DEG),
 8915 (2 3/4 DEG), 9069 (2 1/2 DEG), 9224 (2 3/4
 DEG), 9379 (2 1/4 DEG), 9582 (1 1/2 DEG), 10066
 (1 3/4 DEG), 10571 (2 1/2 DEG), 10697 (2 1/2
 DEG), 10854 (1 1/2 DEG), 10975 (2 DEG), 11229

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MANZANO OIL D WSD
1 WYNELL FEDERAL

DRILLING PROGRESS DETAILS

(1 3/4 DEG), 11558 (1/2 DEG), 11949 (1/4 DEG),
12356 (1/2 DEG), 12605 (1/2 DEG), 13154 (0 DEG),
13700 (1/4 DEG)
08/31 13700 TD, PREP RUN 4 PT
09/06 13700 TD, WOPT
09/18 13700 TD, WO STATE FORMS
RIG REL 07/09/89
09/21 13700 TD, LTD 13703, PB 13660
COMP 8/25/89, IPCAOF 32504 MCFGPD, GOR
5.2, GTY 47.7, GTY (GAS)
.698, SIWHP 4920, SIBHP 4799
PROD ZONE - ATOKA 12630-12637
NO CORES, FOUR DSTS (TITE) RPTD
09/21 ATOKA DISCOVERY - SHALLOW POOL
03/14 REISSUED TO CORRECT FIELD
REPLACEMENT FOR CT ISSUED 9/22/89