

WRS COMPLETION REPORTCOMPLETIONS SEC 20 TWP 13S RGE 32E
PI# 30-T-0009 12/08/89 30-025-30648-0000 PAGE 1NMEX LEA * 990FSL 990FEL SEC SE SE
STATE COUNTY FOOTAGE SPOT
YATES PET D DO
OPERATOR WELL CLASS INIT FIN
1 DROVER STATE UNIT
WELL NO LEASE NAME
4348KB 4332GR WILLIAMS
OPER ELEV FIELD POOL AREAAPI 30-025-30648-0000
LEASE NO PERMIT OR WELL I.D. NO
07/31/1989 11/01/1989 ROTARY VERT OIL
SPUD DATE COMF DATE TYPE TOOL HOLE TYPE STATUS
11500 PNNSYLVN MORANCO 7 RIG SUB 15
PROJ DEPTH PROJ FORM CONTRACTOR
DTD 11525 PB 11380 FM/TD ASTN CYC
DRILLERS T.D. LOG T.D. FLUG BACK TO OLD T.D. FORM T.D.LOCATION DESCRIPTION

15 MI S CAPROCK, NM

WELL IDENTIFICATION/CHANGES

SEC CHGD FROM 22

CASING/LINER DATACSG 13 3/8 @ 448 W/ 450 SACKS
CSG 8 5/8 @ 3850 W/ 1300 SACKS
CSG 5 1/2 @ 11525 W/ 2550 SACKSTUBING DATA

TBG 2 7/8 AT 10894

INITIAL POTENTIALIPF 160BOPD 540 MCFD 4BW 26/64CK 24HRS
ATOKA PERF W/ 15/IT 11087-11094
TP 160
GTY 44.0 GOR 3375
FIELD /RESERVOIR
/PENNSYLVANIAN
FCP PKR

TYPE	FORMATION	LTH	TOP DEPTH/SUB	BSE DEPTH/SUB
LOG	YATES		2306 2026	

CONTINUED IC# 300257020089

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YATES PET D DO
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TYPE	FORMATION	LTB	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	QUEEN		3060	1272		
LOG	SN ANDRS		3674	658		
LOG	GLORIETA		5148	-816		
LOG	TUBB		6598	-2266		
LOG	ABO		7304	-2972		
LOG	WFCMP LM		8672	-4340		
LOG	CISCO		9746	-5414		
LOG	CANYON		10028	-5696		
LOG	STRAWN		10350	-6018		
LOG	ATOKA		10710	-6378		
LOG	MORROW		11128	-6796		
LOG	ASTN CYC		11368	-7036		

SUBSEA MEASUREMENTS FROM GR

FORMATION TEST DATA

DST 1 9430- 9481 BOUGH
 REC 900.0 FT MUD 191.0 FT FWTR
 REC 1950.0 CC WTR
 INIT OP 30M IFP 64 FFP 230
 FINAL OP 1H IFP 446 FFP 547
 ISIP 3344 1H IHP 4768
 SPL CHAM PRESS FINAL 350
 WS 32000 PPM CL

NO OTHER DETAILS
 OP 30 MINS SI 1 HR; OP 1 HR SI 3 HRS; OP 1 HR
 IFP 64-230, 255-408, 446-547
 SIP 3344, 3382

DST 2 10273-10340 CANYON MISRUN
 LOST FLUID ON BACKSIDE

DST 3 10280-10340 CANYON CUSH 566 WTR
 REC 566.0 FT WCUSH 1795.0 FT MUD
 INIT OP 30M IFP 575 FFP 575 OP W/WK BLOW
 FINAL OP 15M IFP 575 FFP 575 NO BLOW
 ISIP 2789 1H IHP 5294 FHP 5294
 WS 60000 PPM CL

OP W/WK BLOW, DECR TO V-WK BLOW AT END OF IF
 RE-OP W/NO BLOW ON 2ND & 3RD FP
 WS 60000 PPM CL IN DP MUD
 SPL REC-NONE

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YATES PET
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DROVER STATE UNIT

D DO

FORMATION TEST DATA

OP 30 MINS SI 1 HR; OP 30 MINS SI 3 HRS; OP 15 MINS
IFP 575-575, 575-575, 575-575
SIP 2789, 2890

DST 4 11034-11113 ATOKA SD CUSH 3382 WTR S
GAS TS IN 21M
REC 3382.0 FT OGWCUSH 24.1 CFT GAS
REC 400.0 CC OIL
INIT OP 22M IFP 713 FFP 889 OP W/GD BLOW
FINAL OP 1H IFP 864 FFP 1518
ISIP 3997 FSIP 4010 4H IHP 5633 FHP 5596
SPL CHAM PRESS FINAL 2825
GTY 46.0
OP W/GD BLOW, BUBBLE TO BTM IN 1 MIN. GAS IN 21 MINS
@ 140 PSI
RE-OP @ 25 PSI, INCR TO 230 PSI IN 1 HR
MIDDLE CHART READINGS @ 11108
IFP TIME-NO DETAILS
DP REC 3382 FT O&GCWCUSH
SPL REC 24.19 CFT GAS

PRODUCTION TEST DATA

ATOKA PERF W/ 15/IT 11087-11094
PERF 11087-11094
ACID 11087-11094 2500GALS
7 1/2%
SFFR 11087-11094 40000GALS 40000LBS SAND
70 QUAL 20/40 ADDTVFOAM
CO2 AMT-NO DETAILS

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS CNL LDT DLL

DRILLING PROGRESS DETAILS

YATES PET
105 S 4TH ST
ARTESIA, NM 88210
505-748-1471

CONTINUED

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YATES PET

D DO

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DROVER STATE UNIT

DRILLING PROGRESS DETAILS

07/26 LOC/1989/
07/31 RURT
08/11 DRLG 6280
08/18 8470 TD, TRIP
08/23 DRLG 9033
08/30 10340 TD, PREP DST #2
09/08 DRLG 11010
09/15 11525 TD, WOCT
09/15 DEVIATION SURVEYS @ 448 (3/4 DEG), 846 (1/2 DEG)
1250 (1 DEG), 1655 (1 DEG), 2061 (3/4 DEG),
2463 (1/2 DEG), 2842 (3/4 DEG), 3240 (1 DEG),
3331 (3/4 DEG), 3850 (1/2 DEG), 4297 (1/2 DEG),
4741 (1/2 DEG), 5151 (1/2 DEG), 5625 (1/2 DEG),
6065 (1/2 DEG), 6505 (1/2 DEG), 6841 (3/4 DEG),
7295 (3/4 DEG), 7739 (1 DEG), 8200 (2 DEG),
8326 (2 DEG), 8470 (1 1/4 DEG), 8935 (3/4 DEG),
9409 (1/4 DEG), 9840 (1/2 DEG), 10340 (1/2 DEG),
10759 (1/4 DEG), 10882 (3/4 DEG), 11113 (1/2
DEG), 11525 (1/2 DEG)
10/27 11525 TD, PB 11380, RECG LD
11/06 11525 TD, PB 11380, WOCT
TD REACHED 09/10/89 RIG REL 09/12/89
12/07 11525 TD, PB 11380
COMP 11/1/89, IPF 160 BO, 540 MCFG, 4 BWPD
26/64 CK, GOR 3375, GTY 44,
FTP 160, FCP PKR
PROD ZONE - PENNSYLVANIAN 11087-11094
NO CORES, FOUR DSTS RPTD