

WRS COMPLETION REPORT

REISSUES SEC 20 TWP 13S RGE 34E
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NMEX LEA * 330FSL 990FEL SEC SE SE
STATE COUNTY FOOTAGE SPOT
YATES PET WD WDD
OPERATOR WELL CLASS INIT FIN
1 FORT "AIO"
WELL NO. LEASE NAME
4175KB 4157GR NONOMBRE N
OPER ELEV FIELD/POOL/AREA
API 30-025-31181-0000

LEASE NO. PERMIT OR WELL I.D. NO.
03/27/1991 07/06/1991 ROTARY VERT OIL
SPUD DATE COM DATE TYPE TOOL HOLE TYPE STATUS
11000 PNNSYLVN ZIADRIL INC 7 RIG SUB 17
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 10981 FM/TD CANYON
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

19 MI SE CAPROCK, NM
1 3/4 MI N/10700 (PSLV) OIL PROD IN NONOMBRE FLD

WELL IDENTIFICATION/CHANGES

FIELD CHGD FROM WILDCAT
FIELD CHGD FROM UNNAMED

CASING/LINER DATA

CSG 13 3/8 @ 376 W/ 400 SACKS
CSG 8 5/8 @ 4248 W/ 1750 SACKS
CSG 5 1/2 @10981 W/ 750 SACKS

TUBING DATA

TBG 2 7/8 AT 10892

INITIAL POTENTIAL

IPP 30BOPD 5BW 24HRS
CANYON PERF W/ 10/IT 10828-10847
PERF 10828-10847
ACID 10828-10847 22000GALS
20% NEFE
GTY 37.2 GOR TSTM
FIELD /RESERVOIR
/PENNSYLVANIAN U

CONTINUED IC# 300257010491

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PI-WRS-GET
Form No 187

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FORT "AIO"

WD WDD

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	RUSTLER		2023	2134		
LOG	YATES		2801	1356		
LOG	SN ANDRS		4204	-47		
LOG	GLORIETA		5678	-1521		
LOG	TUBB		7088	-2931		
LOG	ABO		7874	-3717		
LOG	WFCMP LM		9398	-5241		
LOG	BOUGH A		10290	-6133		
LOG	BOUGH B		10350	-6193		
LOG	BOUGH C		10433	-6276		
LOG	CANYON		10733	-6576		

SUBSEA MEASUREMENTS FROM GR

FORMATION TEST DATA

DST 1 10302-10353 BOUGH A S
 REC 651.0 FT GCM 828.0 FT GCW
 REC .6 CFT GAS 2000.0 CC WTR
 INIT OP 5M IFP 48 FFP 96
 FINAL OP 1H IFP 552 FFP 741
 ISIP 3162 1H
 SPL CHAM PRESS FINAL IHP 5356 FHP 5343
 SPL REC .64 CFT GAS 690
 OP 5 MINS, SI 1 HR; OP 1 HR, SI 3 HRS; OP 1 HR
 IFP 48-96, 124-527, 552-741
 ISIP 3162, 3162, 3SIP NOT TAKEN

DST 2 10455-10500 BOUGH C S
 REC 60.0 FT GCM 5940.0 FT WTR
 REC .1 CFT GAS 2300.0 CC WTR
 INIT OP 5M IFP 212 FFP 666
 FINAL OP 3H IFP 2494 FFP 3402 BHT 161F
 ISIP 3717 1H FSIP 5457 1H IHP 5457
 SPL CHAM PRESS FINAL 655
 WS 80000 PPM CL
 SPL REC .18 CFT GAS
 WS 80000 PPM CHL IN SPL
 OP 5 MINS, SI 1 HR; #2-NO DETAILS, OP 3 HRS, SI 1 HR
 IFP 212-666, 704-2482, 2494-3402
 ISIP 3717, 3717, 5757

DST 3 10797-10878 CANYON S

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WD WDD

FORMATION TEST DATA

REC 430.0 FT HGCM 1170.0 FT HGO&W
REC 241.0 FT HGCO 2.8 CFT GAS
REC 150.0 CC OIL 1150.0 CC WTR
INIT OP 5M IFP 278 FFP 298
FINAL OP 1H IFP 488 FFP 488 BHT 160F
ISIP 4032 1H IHP 5701 FHP 5689
SPL CHAM PRESS FINAL 442
WS 20000 PPM CL
SPL REC 2.82 CFT GAS
WS 20000 PPM CHL IN SPL
OP 5 MINS, SI 1 HR: OP 1 HR, SI 3 HRS; OP 1 HR
IFP 278-298, 517-517, 488-488
ISIP 4032, 3806, 3SIP-NOT TAKEN

DST 4 10770-10880 CANYON PKRFLR
DST 5 10808-10980 CANYON CUSH 1057 WTR S
REC 90.0 FT GCM 658.0 FT HGCO
REC 1057.0 FT WCUSH 2.3 CFT GAS
REC 1500.0 CC OIL
IFP 837 FFP 924
IHP 5640 FHP 5640

SPL REC 2.38 CFT GAS
TIMES & PRESSURES-NO OTHER DETAILS

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS CNL LDT DLL

DRILLING PROGRESS DETAILS

YATES PET
105 S 4TH
ARTESIA, NM 88210
505-748-1471
LOC/1991/
02/22 MIRT
03/25 4248 TD, WOC
04/05 7377 TD, TRIP
04/11 9271 TD, TRIP
04/16 DRLG 10490
04/22 DRLG 10955
04/30

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FORT "AIO"

WD WDD

DRILLING PROGRESS DETAILS

05/07 10981 TD, WOCT
06/11 10981 TD, PREP TEST
07/25 TD REACHED 04/29/91 RIG REL 05/04/91
10981 TD
COMP 7/6/91, IPP 30 BO, 5 BWPD, GOR TSTM,
GTY 37.2
PROD ZONE - PENNSYLVANIAN U 10828-10847
NO CORES, FIVE DSTS RPTD
07/25 PENNSYLVANIAN U DISCOVERY - DEEPER POOL
11/07 REISSUED TO CORRECT FIELD, RESERVOIR
REPLACEMENT FOR CT ISSUED 8/2/91