

WRS COMPLETION REPORT

REISSUES SEC 18 TWP 17S RGE 39E
PI# 30-T-0001 04/24/92 30-025-31438-0000 PAGE 1

NMEX LEA * 1980FSL 1980FWL SEC NE SW
STATE COUNTY FOOTAGE SPOT
ANSCHUTZ CORP OPERATOR D DO
WELL CLASS INT/IN

1 ARCO
WELL NO LEASE NAME
3680KB 3662GR KNOWLES S
OPER ELEV FIELD POOL AREA
API 30-025-31438-0000

11/03/1991 02/23/1992 ROTARY VERT OIL
SPUD DATE COMP DATE TYPE TOOL HOLE TYPE STATUS
12500 DEVONIAN GRACE DRLG 319 RIG SUB 17
PROL DEPTH PROL FORM CONTRACTOR
DTD 12244 FM/TD DEVONIAN

DRILLERS T.D. LOG T.D. PLUG BACK TO OLD T.D. FORM T.D.

LOCATION DESCRIPTION

2 MI E KNOWLES, NM

CASING/LINER DATA

CSG 13 3/8 @ 490 W/ 500 SACKS
CSG 8 5/8 @ 4903 W/ 1950 SACKS
CSG 5 1/2 @12191 W/ 700 SACKS

TUBING DATA

TBG 2 7/8 AT 12000

INITIAL POTENTIAL

IPS 19BOPD 18BW 24HRS
DEVONIAN COMB 12062-12244 GROSS
PERF 12062-12080 12130-12170
OPEN 12191-12244
ACID 12062-12170 4000GALS
20% HCL 6500 GALS 15% HCL
GOR TSTM

GTY-NO DETAILS

TYPE	FORMATION	LTH	TOP DEPTH/SUB	BSE DEPTH/SUB
LOG	RUSTLER		2340 1322	
LOG	YATES		3582 80	
LOG	SN ANDRS		5409 -1747	
LOG	GLORIETA		7287 -3625	

CONTINUED IC# 300257047091

ANSCHUTZ CORP D DO
 1 ARCO

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	BONE SPG		8360	-4698		
LOG	TUBB		8800	-5138		
LOG	ABO		9336	-5674		
LOG	MSSP		10778	-7116		
LOG	DEVONIAN		12040	-8378		

SUBSEA MEASUREMENTS FROM GR

CORES

CORE 1 12039-12076 REC 20.00FT DEVONIAN CONV D
 NO DESCRIPTION AVAILABLE

CORE 2 12076-12129 REC 53.00FT DEVONIAN CONV D
 NO DESCRIPTION AVAILABLE

CORE 3 12129-12136 REC 7.00FT DEVONIAN CONV D
 NO DESCRIPTION AVAILABLE

CORE 4 12136-12161 REC 25.00FT DEVONIAN CONV D
 NO DESCRIPTION AVAILABLE

CORE 5 12161-12175 REC 12.00FT DEVONIAN CONV D
 NO DESCRIPTION AVAILABLE

CORE 6 12194-12205 REC 8.00FT DEVONIAN CONV D
 NO DESCRIPTION AVAILABLE

CORE 7 12205-12209 REC 1.50FT DEVONIAN CONV D
 NO DESCRIPTION AVAILABLE

CORE 8 12209-12212 REC 3.00FT DEVONIAN CONV D
 NO DESCRIPTION AVAILABLE

CORE 9 12212-12223 REC 6.00FT DEVONIAN CONV D
 NO DESCRIPTION AVAILABLE

CORE 10 12223-12244 REC 4.00FT DEVONIAN CONV D
 NO DESCRIPTION AVAILABLE

#SPL 3 5745- 5749 SN ANDRS SDWL D
 NO DESCRIPTION AVAILABLE
 * 5745.0F ,

CONTINUED

ANSCHUTZ CORP D DO
 1 ARCO

CORES

* 5747.OF ;
 * 5749.OF ;

#SPL 10 8375- 8393 BONE SPG SDWL D

NO DESCRIPTION AVAILABLE

* 8375.OF ;
 * 8377.OF ;
 * 8379.OF ;
 * 8381.OF ;
 * 8383.OF ;
 * 8385.OF ;
 * 8387.OF ;
 * 8389.OF ;
 * 8391.OF ;
 * 8393.OF ;

FORMATION TEST DATA

DST 1 8334- 8413 BONE SPG S
 REC 1700.0 FT GAS 20.0 FT OIL
 REC 15.0 FT FLUD 300.0 CC OIL
 REC 1500.0 CC MUD .0 TR GAS
 INIT OP 15M IFP 86 FFP 46
 FINAL OP 1H IFP 84 FFP 48 BHT 138F
 ISIP 166 1H FSIP 343 2H IHP 3617 FHP 3617
 SPL CHAM PRESS FINAL 50
 GTY 32.3 WS 3000 PPM CL
 BHT DEPTH @ 8316

DST 2 12048-12129 DEVONIAN S
 REC 2806.0 FT O&G 30.0 FT HO&GCM
 REC 1200.0 CC OIL 4.5 CFT GAS
 INIT OP 13M IFP 1026 FFP 659
 FINAL OP 1H IFP 836 FFP 869 BHT 180F
 ISIP 3496 1H FSIP 3622 3H IHP 5613 FHP 5613
 SPL CHAM PRESS FINAL 900
 GTY 42.0
 BHT DEPTH @ 12030

DST 3 12135-12175 DEVONIAN S
 REC 9300.0 FT GAS 370.0 FT OIL
 REC 900.0 CC OIL 500.0 CC MUD

CONTINUED

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ANSCHUTZ CORP D DO
1 ARCO

FORMATION TEST DATA

REC .1 CFT GAS
INIT OP 15M IFP 135 FFP 116
FINAL OP 1H IFP 217 FFP 175 BHT 169F
ISIP 4780 1H FSIP 4688 2H IHP 5613 FHP 5613
SPL CHAM PRESS FINAL 100
GTY 48.0 WS 4000 PPM CL
SPL REC .145 CFT GAS
BHT DEPTH @ 12117

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS	DI	DENL	NEUT
LOGS	DIPM	CBL	ACSL

DRILLING PROGRESS DETAILS

ANSCHUTZ CORP
4000 N BIG SPRING
STE 209
MIDLAND, TX 79705
915-686-0038

10/30 LOC/1991/
11/12 DRLG 5262
11/19 DRLG 9270
11/25 DRLG 11745
12/03 DRLG 12165
12/12 12191 TD, MICT
01/03 12210 TD, TSTG
03/17 DEEPENED 12191 TO 12244
RIG REL 12/09/91
03/17 12244 TD
COMP 2/23/92, IPS 19 BO, 18 BWP,
GOR TSTM, GTY (NR)
PROD ZONE - DEVONIAN 12062-12210
(PERF & OPENHOLE)

04/22 TEN CORES, THREE DSTS, 13 SDWL CORES RPTD
REISSUED TO CORRECT TD, KB ELEV, CORE STMT
& ADD LOG RUN, CORES, DSTS
REPLACEMENT FOR CT ISSUED 3/20/92