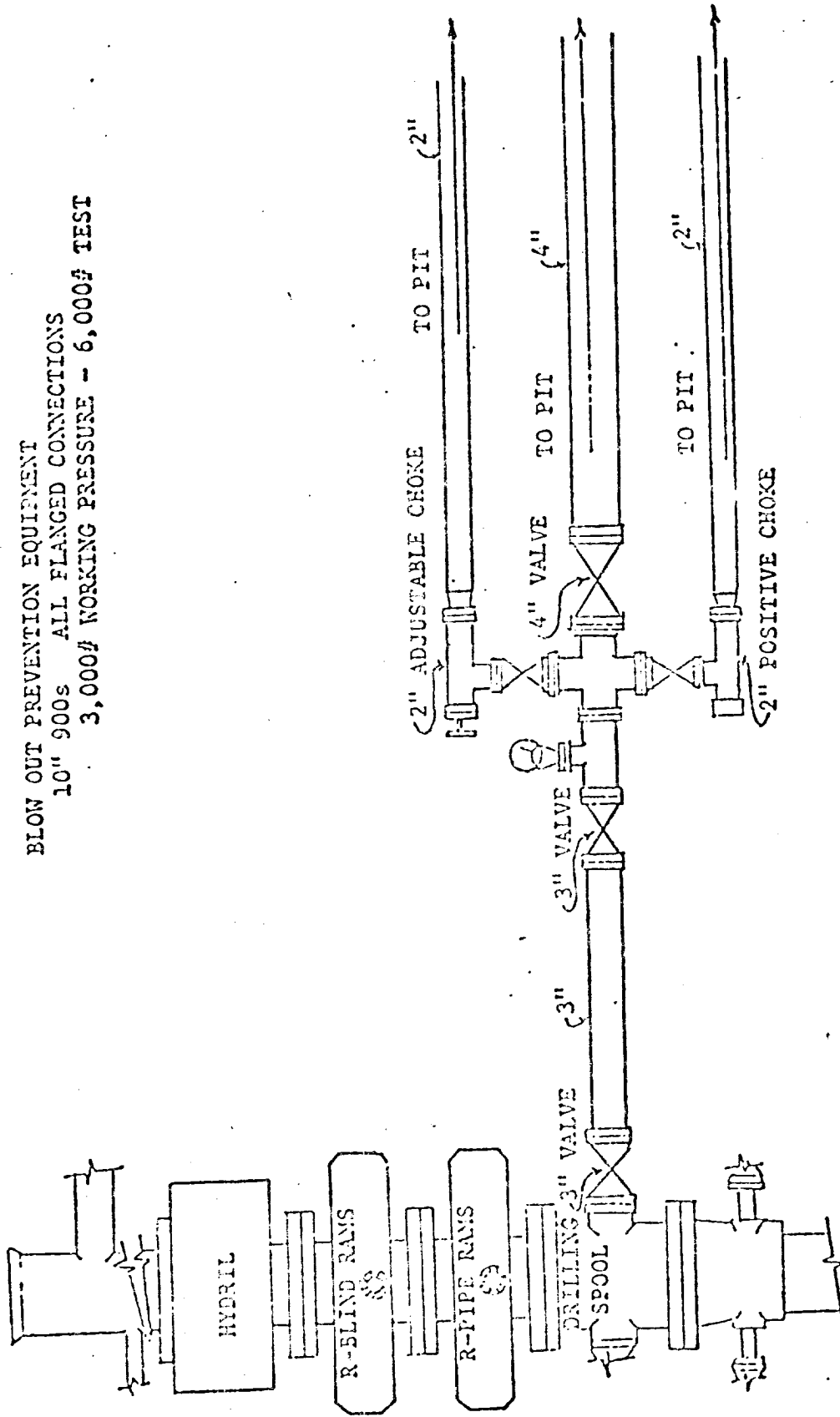


BLOW OUT PREVENTION EQUIPMENT  
 10" 900s ALL FLANGED CONNECTIONS  
 3,000# WORKING PRESSURE - 6,000# TEST



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C.C.C. OFFICE  
HOBBS OFFICE

ELF  
Command  
Group  
Log

# WRS COMPLETION REPORT

COMPLETIONS SEC 17 TWP 18S RGE 33E  
PI# 30-T-0012 12/08/89 30-025-29425-0001 PAGE 1

NMEX LEA \* 660FSL 660FWL SEC SW SW  
STATE COUNTY FOOTAGE SPOT  
SOUTHLAND ROYALTY D X DO  
OPERATOR WELL CLASS INIT FIN  
1 HUBER "17" FEDERAL  
WELL NO LEASE NAME  
3894GR CORBIN S  
OPER ELEV FIELD POOL AREA  
API 30-025-29425-0001  
LEASE NO. PERMIT OR WELL ID NO.  
10/18/1989 11/17/1989 WO-UNIT VERT OIL-WO  
SPUD DATE COMP DATE TYPE TOOL HOLE TYPE STATUS  
8699 BONE SPG NOT RPTD  
PROJ. DEPTH FORM RPTD CONTRACTOR  
DTD 11440 PB 8699 OTD 11440 FM/TD WOLFCAMP  
DRILLERS T.D. PLUG BACK TO OLD T.D. FORM T.D.

## LOCATION DESCRIPTION

11 MI SW BUCKEYE, NM

## TUBING DATA

TBG 2 7/8 AT 8386

## INITIAL POTENTIAL

IPF 435BOPD 150 MCFD 85BW 24/64CK 24HRS  
BONE SP1 PERF W/ 37/IT 8504- 8628  
PERF 8504- 8628  
ACID 8504- 8628 3000GALS  
7 1/2% NEFE  
SWFR 8504- 8628 80000GALS 167500LBS SAND  
ADDTVGELA

20/40 OTTAWA  
TP 350  
GTY 39.0 GOR 345  
FIELD /RESERVOIR  
/BONE SPRING  
FCP PKR

| TYPE                        | FORMATION | LTH   | TOP DEPTH/SUB | BSE DEPTH/SUB |
|-----------------------------|-----------|-------|---------------|---------------|
| LOG                         | BONE SPG  | 7226  | -3332         |               |
| LOG                         | WOLFCAMP  | 10390 | -6496         |               |
| SUBSEA MEASUREMENTS FROM GR |           |       |               |               |

CONTINUED IC# 300257035789

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Petroleum Information

BB a company of  
The Dun & Bradstreet Corporation

PI-WRS-GEL  
Form No 187

COMPLETIONS  
PI# 30-T-0012 12/08/89 SEC 17 TWP 18S RGE 33E  
30-025-29425-0001 PAGE 2

SOUTHLAND ROYALTY  
1 HUBER "17" FEDERAL D X DO

-----  
PRODUCTION TEST DATA  
-----

WOLFCAMP PERF 10870-10910  
PERF 10870-10910  
BRPG @10805 10870-10910  
BONE SPG PERF JET W/ 152/IT 9372- 9930 GROSS  
PERF 9372- 9394 9790- 9930  
RBP @ 8699 9372- 9930

-----  
DRILLING PROGRESS DETAILS  
-----

SOUTHLAND ROYALTY  
21 DESTA DR  
MIDLAND, TX 79705  
915-686-5678  
OWWO: OLD INFO: FORMERLY SOUTHLAND ROYALTY  
#1 HUBER "17" FEDERAL. ELEV 3894 GR. 3913 KB.  
SPUD 10/2/85. 13 3/8 @ 358 W/400 SX, 8 5/8 @  
2920 W/1000 SX, 5 1/2 @ 11440 W/1200 SX. OTD  
11440. PB 11000. COMP 1/3/86. IPF 370 BO,  
500 MCFG, 20 BWP. PROD ZONE: WOLFCAMP  
10870-10910.  
11/29 LOC/1989/  
12/05 11440 TD, PB 8699  
COMP 11/17/89, IPF 435 BO, 150 MCFG, 85  
BWP, 24/64 CK, GOR 345,  
GTY 39, FTP 350, FCP PKR  
PROD ZONE - BONE SPRING 8504-8628  
FIRST REPORT & COMPLETION

**WRS COMPLETION REPORT**COMPLETIONS SEC 17 TWP 18S RGE 33E  
PI# 30-T-0016 03/17/86 30-025-29425-0000 PAGE 1NMEX LEA \* 660FSL 660FWL SEC  
STATE COUNTY FOOTAGE SPOT  
SOUTHLAND ROYALTY D DO  
OPERATOR WELL CLASS INIT FIN  
1 HUBER "17" FEDERAL  
WELL NO. LEASE NAME  
3913KB 3894GR CORBIN S  
OPER ELEV FIELD POOL AREA  
API 30-025-29425-0000LEASE TYPE NO PERMIT OR WELL I.D. NO.  
10/02/1985 01/03/1986 ROTARY OIL  
SPUD DATE COMP DATE TYPE TOOL STATUS  
11400 WOLFCAMP PETERSON DRLG 1 RIG SUB 18  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 11440 PB 11000 FM/TD WOLFCAMP  
DRILLERS T.D. LOG T.D. PLUG BACK TO OLD T.D. FORM T.D.**LOCATION DESCRIPTION**

11 MI SW BUCKEYE, NM

**CASING/LINER DATA**CSG 13 3/8 @ 358 W/ 400 SACKS 01  
CSG 8 5/8 @ 2920 W/ 1000 SACKS 02  
CSG 5 1/2 @ 11440 W/ 1200 SACKS 03**TUBING DATA**

TBG 2 7/8 AT 10910

**INITIAL POTENTIAL**IPF 370BOPD 500.0MCFD 20BW 14/64CK  
WOLFCAMP PERF W/ 41/IT 10870-10910 008  
PERF 10870-10910  
TP 420  
GTY 48.2  
FCP PKR  
NATURAL  
GOR (TSTM)**FORMATION TEST DATA**DST 1 3636- 3699 YATES 003  
REC 2.0 FT DFLUD 2120.0 CC DFLUD  
INIT OP 15M IFP 54 FFP 59  
FINAL OP 1H IFP 59 BHT 92F

CONTINUED IC# 300257047285

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Form No 187

COMPLETIONS  
PI# 30-T-0016 03/17/86 SEC 17 TWP 18S RGE 33E  
30-025-29425-0000 PAGE 2

SOUTHLAND ROYALTY  
1 HUBER "17" FEDERAL D DO

FORMATION TEST DATA

ISIP 78 1H FSIP 78 3H IHP 1650 FHP 1650  
DST 2 5125- 5155 DELWR SD S004  
REC 9.5 FT WTR 50.0 FT OIL  
REC 30.0 CC OIL 1800.0 CC WTR  
INIT OP 6M IFP 31  
FINAL OP 1H IFP 37  
ISIP 1024 1H FSIP 1724 3H BHT 98F  
SPL REC .04 CFT GAS + 30 CC OIL + 1800 CC WTR IHP 2309 FHP 2300

PRODUCTION TEST DATA

PTS  
WOLFCAMP PERF 22BW 24HRS  
PERF 11050-11056 11064-11068 11084-11088 11096-11100 GROSS 006  
PERF 11103-11105 11110-11114 11126-11166 11176-11200  
PERF 11204-11206 11208-11209 11212-11214 11217-11219  
PERF 11221-11223  
ACID 11050-11223 1582GALS  
15% HCL  
ACID 11050-11223 5500GALS  
15% NE HCL  
SWBD 22 BWPD W/NS

WOLFCAMP PERF  
PERF 11050-11223 11050-11223 GROSS 007  
SWBD 229 BWPD (20% OIL)  
CMT RET @ 11000

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS 6400-11384 CET 6400-11384 CBL  
LOGS GRL DLL CNL  
MSFL

DRILLING MEDIA /TYPE,DEPTH/

7110 8.5 8900 9.0 10145 9.3 11345 9.4 PPG

DRILLING PROGRESS DETAILS

SOUTHLAND ROYALTY  
21 DESTA DRIVE

CONTINUED

COMPLETIONS SEC 17 TWP 18S RGE 33E  
PI# 30-T-0016 03/17/86 30-025-29425-0000 PAGE 3

SOUTHLAND ROYALTY  
1 HUBER "17" FEDERAL

D DO

DRILLING PROGRESS DETAILS  
-----

MIDLAND, TX 79705  
915-686-5600  
LOC/1985/  
09/23 3699 TD, LD DST TOOLS  
10/09 DRLG 7110 (SD & SH), VIS 28  
10/16 DRLG 8900 (LM & SH), VIS 34  
10/22 DRLG 10145 (SD & DOLO), VIS 32  
10/30 DRLG 11345 (LM, SH & CHRT), VIS 32  
11/06 CIRC SAMPLES @ 10908  
11/13 11440 TD, WOCT  
12/04 11440 TD, PREP ACID  
12/11 11440 TD, SI  
12/18 11440 TD, SWBG  
12/26 11440 TD, SI  
12/27 11440 TD, PB 11000, PREP PERF  
01/03 11440 TD, PB 11000, WOCT  
TD REACHED 11/06/85 RIG REL 11/09/85  
03/10 11440 TD, PB 11000  
COMP 1/3/86, IPF 370 BO, 500 MCFGPD, 20  
BWPD, GTY 48.2, GOR (TSTM),  
CK 14/64, FTP 420, FCP PKR  
PROD ZONE - 10870-10910  
NO CORES, TWO DSTS RPTD