

WRS COMPLETION REPORT

REISSUES SEC 11 TWP 19S RGE 33E
PI# 30-T-0010 07/18/88 30-025-30118-0000 PAGE 1

NMEX LEA * 660FNL 1980FEL SEC NW NE
STATE COUNTY FOOTAGE SPOT
SUN EXPL & PROD D WFD
OPERATOR WELL CLASS INT FIN
1 BUFFALO FEDERAL
WELL NO. LEASE NAME
3754KB 3730GR BUFFALO SE
OPER ELEV FIELD POOL AREA
API 30-025-30118-0000

LEASE TYPE NO. PERMIT OR WELL ID. NO.
10/31/1987 03/27/1988 ROTARY OIL
SPUD DATE COMP. DATE TYPE TOOL STATUS
13700 BONE SPG MCVAY DRLG 10 RIG SUB 23
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 13450 PB 9630 FM/TD CHESTER
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD TD FORM T.D.

LOCATION DESCRIPTION

11 MI NE HALFWAY, NM

WELL IDENTIFICATION/CHANGES

FIELD CHGD FROM QUAIL RIDGE N
PROJ FM CHGD FROM MORROW
FIELD CHGD FROM BUFFALO
FINAL CLASS CHGD FROM DO

CASING/LINER DATA

CSG 13 3/8 @ 525 W/ 525 SACKS
CSG 9 5/8 @ 5387 W/ 3400 SACKS
CSG 5 1/2 @ 9700 W/ 1075 SACKS

TUBING DATA

TBG 2 7/8 AT 9627

INITIAL POTENTIAL

IPP 12BOPD 22 MCFD 30BW 24HRS
BONE SPG PERF W/ 7/IT 9264- 9298 GROSS
BONE SP2 PERF W/ 2/IT 9581- 9586 GROSS
GTY 35.0 GOR 1833
FIELD /RESERVOIR
/BONE SPRING

CONTINUED IC# 300257035887

REISSUES SEC 11 TWP 19S RGE 33E
 PI# 30-T-0010 07/18/88 30-025-30118-0000 PAGE 2

SUN EXPL & PROD D WFD
 1 BUFFALO FEDERAL

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	RUSTLER		1522	2232		
LOG	QUEEN		4342	-588		
LOG	SN ANDRS		5053	-1299		
LOG	BONE SPG		7781	-4027		
LOG	BONE SP2		9554	-5800		
LOG	BONE SP3		10460	-6706		
LOG	WOLFCAMP		10764	-7010		
LOG	STRAWN		12034	-8280		
LOG	ATOKA		12336	-8582		
LOG	MORROW		13060	-9306		
LOG	CHESTER		13400	-9646		

FORMATION TEST DATA

DST 1 9246- 9270 BONE SPG
 REC 400.0 FT MUD 2400.0 CC MUD
 INIT OP 10M IFP 30 FFP 39
 FINAL OP 1H IFP 118 FFP 196 BHT 130F
 ISIP 118 1H FSIP 1452 3H IHP 4537 FHP 4557
 SPL CHAM PRESS FINAL 38
 DP REC MUD W/NS

DST 2 9574- 9600 BONE SP2
 REC 971.0 FT MUD 2400.0 CC MUD
 INIT OP 10M IFP 156 FFP 156
 FINAL OP 1H IFP 401 FFP 490 BHT 132F
 ISIP 712 1H FSIP 2086 3H IHP 4799 FHP 4799
 SPL CHAM PRESS FINAL 85

DST 3 12427-12469 ATOKA B REVOUTS
 FLUD TS IN 45M
 GAS TS IN 52M AT 885 MCFD
 REC 500.0 CC OIL 8.6 CFT GAS
 REC 137.0 BBL WTR 29.0 BBL OIL
 REC 5.0 BBL GCM
 INIT OP 15M IFP 2054 FFP 2182
 FINAL OP 1H IFP 2436 FFP 3232 BHT 164F
 ISIP 6693 1H FSIP 5997 3H IHP 7388 FHP 7388
 GTY 53.0
 DP REC 137 BBL LD WTR

DST 4 13050-13083 MORROW M REVOUTS

CONTINUED

REISSUES SEC 11 TWP 19S RGE 33E
PI# 30-T-0010 07/18/88 30-025-30118-0000 PAGE 3

SUN EXPL & PROD D WFD
1 BUFFALO FEDERAL

FORMATION TEST DATA

REC 2300.0 CC MUD .1 CFT GAS
REC 106.0 BBL FWTR 52.0 BBL WCUSH
REC 20.0 GAL SGCM
INIT OP 15M IFP 2016 FFP 2016
FINAL OP 1H IFP 2016 FFP 2016 BHT 174F
ISIP 3571 1H FSIP 6490 3H IHP 7657 FHP 7657
SPL CHAM PRESS FINAL 600
SPL REC .164 CFT GAS

PRODUCTION TEST DATA

PTF 11BOPD 155BW 24HRS
BONE SPG PERF W/ 7/IT 9264- 9298 GROSS
BONE SP2 PERF W/ 2/IT 9581- 9586 GROSS
PERF 9264, 9269, 9273, 9278, 9286, 9294, 9298, 9581
PERF 9586
ACID 9264- 9586 1500GALS
7 1/2% NEFE
SWFR 9264- 9586 63000GALS 146350LBS SAND
20/40 27000 LBS CO2
FLWD THRU VAR CK
FTP: 550-275

ADDTVGELA

PTP 13BOPD 88 MCFD 160BW 24HRS
BONE SPG PERF 9264- 9298 GROSS
BONE SP2 PERF 9581- 9586 GROSS
PTP 15BOPD 34 MCFD 36BW 24HRS
BONE SPG PERF 9264- 9298 GROSS
BONE SP2 PERF 9581- 9586 GROSS
PTP 6BOPD 33 MCFD 25BW 24HRS
BONE SPG PERF 9264- 9298 GROSS
BONE SP2 PERF 9581- 9586 GROSS
PTP 12BOPD 22 MCFD 30BW 24HRS
BONE SPG PERF 9264- 9298 GROSS
BONE SP2 PERF 9581- 9586 GROSS

CONTINUED

REISSUES
PI# 30-T-0010 07/18/88 SEC 11 TWP 19S RGE 33E
30-025-30118-0000 PAGE 4

SUN EXPL & PROD
1 BUFFALO FEDERAL D WFD

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS	0-	5388	DLL	0-	5388	MSFL	0-	5388	GR
LOGS	0-	5388	CNL	0-	5388	LDT	0-	4855	SONL
LOGS	5387-13410	DLL	5387-13410	MSFL	5387-13410	GR			
LOGS	5387-13400	CNL	5387-13400	LDT	5387-13400	SONL			
LOGS	7627-	9629	GR			CCL			

DRILLING BREAKS

04595-04605 QUEEN FORM, SSO
07665-07678 NS
08820-08832 NS
09246-09270 BONE SPRING FORM, GS
09294-09304 BONE SPRING, GSG
09579-09588 GS
10969-10980 NS
11137-11146 LM, SH, GD FLU, SS
13060-13083 NS
13100-13106 NS
13134-13148 NS

DRILLING PROGRESS DETAILS

	SUN EXPL & PROD
	BOX 1861
	MIDLAND, TX 79702
	915-688-0300
10/27	LOC/1987/
11/04	DRLG 2375 (SALT, ANHY)
11/10	DRLG 4505 (DOLO, ANHY)
11/18	DRLG 5865 (SD, DOLO)
11/24	DRLG 8815 (SH)
12/02	DRLG 9650 (LM, DOLO, SD)
12/09	DRLG 10760 (LM, SD)
12/15	DRLG 11230 (LM, SH)
12/22	DRLG 11880 (LM, SH)
12/30	DRLG 12469 (SD, SH)
01/06	DRLG 12917 (LM, SH)
01/12	DRLG 13288 (LM, SH)
01/19	13450 TD, PB 9551, PREP DOC
01/26	13450 TD, PB 9523, WOCT
02/02	13450 TD, PB 9523, MICT
02/09	13450 TD, PB 9630, PREP FRAC

CONTINUED

REISSUES SEC 11 TWP 19S RGE 33E
PI# 30-T-0010 07/18/88 30-025-30118-0000 PAGE 5

SUN EXPL & PROD
1 BUFFALO FEDERAL

D WFD

DRILLING PROGRESS DETAILS

02/18 13450 TD, PB 9630, WOP
02/24 13450 TD, PB 9630, POP
03/01 13450 TD, PB 9630, TOP
03/09 13450 TD, PB 9630, TOP
03/11 13450 TD, PB 9630, TSTG
03/16 13450 TD, PB 9630, RU NEW PMP
03/29 13450 TD, PB 9630, WOPT
TD REACHED 01/14/88 RIG REL 01/23/88
05/02 13450 TD, PB 9630
COMP 3/27/88, IPP 12 BO, 22 MCFG, 30 BWPD,
GOR 1833, GTY 35
PROD ZONE - BONE SPRING 9264-9586
NO CORES, FOUR DSTS RPTD
07/13 BONE SPRING DISCOVERY - NEW FIELD
06/16 REISSUED TO CORRECT FM @ TD, IP & ADD LOG
TOPS
REPLACEMENT FOR CT ISSUED 5/9/88
07/13 REISSUED TO CORRECT FIELD, FINAL CLASS &
ADD DISC STMT
REPLACEMENT FOR CT ISSUED 6/17/88