

**WRS COMPLETION REPORT**REISSUES SEC 10 TWP 20S RGE 34E  
PI# 30-T-0009 12/19/88 30-025-29727-0000 PAGE 1NMEX LEA \* 1880FNL 1980FWL SEC SE NW  
STATE COUNTY FOOTAGE SPOT  
READ & STEVENS INC D DG  
OPERATOR WELL CLASS INIT FIN  
2 NORTH LEA FEDERAL  
WELL NO. LEASE NAME  
3661KB 3639GR LEA  
OPER ELEV FIELD/POOL/AREA

API 30-025-29727-0000

LEASE TYPE/NO. PERMIT OR WELL I.D. NO.  
06/25/1987 02/17/1988 ROTARY GAS  
SPUD DATE COMP. DATE TYPE TOOL STATUS  
13900 PNNSYLVN WILLBROS DRLG 14 RIG SUB 21  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 13850 PB 13636 FM/TD MSSP LM  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.**LOCATION DESCRIPTION**

11 MI NE HALFWAY, NM

**CASING/LINER DATA**CSG 13 3/8 @ 1608 W/ 1265 SACKS  
CSG 8 5/8 @ 5198 W/ 3675 SACKS  
CSG 5 1/2 @ 13850 W/ 2765 SACKS**TUBING DATA**

TBG 2 3/8 AT 13151

**INITIAL POTENTIAL**IPF 158982 MCFD 24HRS  
MRW CLSC PERF W/ 108/IT 13177-13216 GROSS  
SITP 4917@13100FT BHT 158F  
1887MCFD TP 4865 BHFP 4937  
3298MCFD TP 4810 BHFP 4928  
4529MCFD TP 4735 BHFP 4912  
7231MCFD TP 4360 BHFP 4880  
FPCAOF 158982MCFD

GTY 53.0 GOR 16652

GAS GTY .733

P/L CON AIR

FIELD

/RESERVOIR

/PENNSYLVANIAN

1ST THRU 4TH PT TEST IN 60 MINS, CKS-NO DETAILS

CONTINUED IC# 300257020686

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# INITIAL POTENTIAL

SIBHP-NO DETAILS

| TYPE                        | FORMATION | LTH | TOP   | DEPTH/SUB | BSE | DEPTH/SUB |
|-----------------------------|-----------|-----|-------|-----------|-----|-----------|
| LOG                         | TANSILL   |     | 3168  | 493       |     |           |
| LOG                         | YATES     |     | 3380  | 281       |     |           |
| LOG                         | SVN RVRS  |     | 3805  | -144      |     |           |
| LOG                         | DELAWARE  |     | 5568  | -1907     |     |           |
| LOG                         | BONE SPG  |     | 8286  | -4625     |     |           |
| LOG                         | WOLFCAMP  |     | 10911 | -7250     |     |           |
| LOG                         | STRAWN    |     | 12178 | -8517     |     |           |
| LOG                         | ATOKA     |     | 12646 | -8985     |     |           |
| LOG                         | MORRW LM  |     | 12868 | -9207     |     |           |
| LOG                         | MRW CLSC  |     | 12914 | -9253     |     |           |
| LOG                         | MSSP LM   |     | 13804 | -10143    |     |           |
| SUBSEA MEASUREMENTS FROM KB |           |     |       |           |     |           |

## CORES

#SPL 19 - REC 19 SP SDWL D  
 NO DESCRIPTION AVAILABLE

## FORMATION TEST DATA

DST 1 5630- 5677 DELAWARE S  
 REC 894.0 FT SOCFLUD  
 INIT OP 30M IFP 51 FFP 243  
 FINAL OP 1H IFP 282 FFP 408 BHT 120F  
 ISIP 2347 2H FSIP 2347 3H IHP 2538 FHP 2538  
 OPENED W/WEAK BLOW ON IP & FF  
 DP REC 894 FT FLUD W/SHOW OF OIL ON TOP OF TOOLS

DST 2 9569- 9618 BONE SPG S  
 GAS TS IN 40M ON FFP  
 REC 20.0 FT OIL 9449.0 FT GAS  
 REC 100.0 FT FLUD  
 INIT OP 30M IFP 83 FFP 108  
 FINAL OP 2H IFP 57 FFP 108 BHT 142F  
 ISIP 580 2H FSIP 975 6H IHP 4353 FHP 4340  
 IF OPENED W/GOOD BLOW INCREASING TO 9 PSIG THROUGH  
 BUBBLE HOSE, STABILIZED THRU REMAINDER OF FLOW PERIOD.  
 FF OPENED W/GOOD BLOW, 4 PSIG ON 1/4 IN CHOKE,

CONTINUED

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FORMATION TEST DATA

DECREASING TO 1/2 PSIG AT END OF TEST.

DST 3 9798- 9850 BONE SPG S  
REC 140.0 FT OIL 9598.0 FT GAS  
REC 60.0 FT FLUD  
INIT OP 3M IFP 53 FFP 57  
FINAL OP 2H30M IFP 65 FFP 116 BHT 142F  
ISIP 4393 2H FSIP 4570 7H30M IHP 4480 FHP 4497  
IF 1.13 PSIG  
FF 6.45 PSIG

PRODUCTION TEST DATA

PTF 60BCPD 6033 MCFD 18/64CK 24HRS  
MORROW PERF W/ 108/IT 13177-13216 GROSS  
PERF 13177-13182 13188-13190 13193-13216  
TP 4460  
FCP PKR  
NATURAL

PTF 53BCPD 6033 MCFD 18/64CK 24HRS  
MORROW PERF 13177-13216 GROSS  
TP 4460

PTF 150BO 2514 MCFD 18/64CK 10HRS  
MRW CLSC PERF 13177-13216 GROSS  
TP 4360

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS DLL MSFL CNL  
LOGS LDT LSS

DRILLING MEDIA /TYPE,DEPTH/

7366 8.4 PPG

DRILLING PROGRESS DETAILS

READ & STEVENS INC  
BOX 1518  
ROSWELL, NM 88201

CONTINUED

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DRILLING PROGRESS DETAILS

505-622-3770  
07/28 LOC/1986/  
07/07 5198 TD, WOC  
07/14 DRLG 7366 (SD, DOLO, SH) VIS 28  
08/13 DRLG 13282  
08/18 DRLG 13832  
08/21 13850 TD, WOC  
09/04 13850 TD, WOCT  
09/24 13850 TD, MICT  
10/06 13850 TD, PB 13636, PREP TREAT  
10/21 13850 TD, PB 13636, TSTG  
10/28 13850 TD, PB 13636, WOPT  
12/16 13850 TD, PB 13636, WOPT  
01/28 13850 TD, PB 13636, WOPT  
08/21 DEVIATION SURVEYS @ 172 (1/4 DEG), 692 (1/4 DEG)  
1089 (3/4 DEG), 1240 (1/2 DEG), 1492 (1 DEG),  
1600 (1 3/4 DEG), 2074 (1 3/4 DEG), 2473 (3/4  
DEG), 2952 (1 1/4 DEG), 3170 (1 1/4 DEG), 3442  
(1 1/4 DEG), 3800 (1 1/2 DEG), 4300 (3/4 DEG),  
4800 (1 DEG), 5284 (1 1/2 DEG), 5811 (1/2 DEG),  
6304 (3/4 DEG), 6777 (3/4 DEG), 7276 (3/4 DEG),  
7805 (1 DEG), 8066 (1 DEG), 8440 (3/4 DEG), 8910  
(1/4 DEG), 9410 (2 DEG), 9598 (1 DEG), 9850  
(1 1/2 DEG), 10349 (1 3/4 DEG), 10870 (3/4 DEG),  
11375 (1/4 DEG), 11906 (1/4 DEG), 12260 (1 DEG),  
12717 (1/2 DEG), 13093 (1 DEG), 13613 (2 DEG),  
13850 (1 DEG)  
TD REACHED 08/18/87 RIG REL 08/19/87  
02/22 13850 TD, PB 13636  
COMP 2/17/88, IPCAOF 158982 MCFGPD, GOR  
16652, GTY (GAS) .733, GTY  
53, SIWHP 4917, SIBHP (NR)  
PROD ZONE - PENNSYLVANIAN 13177-13216  
NO CORES, THREE DSTS, 19 SDWL CORES RPTD  
12/14 REISSUED TO CORRECT FM @ TD, PROD TEST, IP  
& ADD TBG, PROD TEST, LOG TOPS, LOGS RUN,  
DSTS, DEV SURV  
REPLACEMENT FOR CT ISSUED 2/29/88