

YATES PETROLEUM CORPORATION
BIG BEAR ATN #2
29-15S-35E
LEA CO., NM

Perforations as follows:

13078-82 , 13088-91 4JSPF = 36 .42 holes
13248-52 4 JSPF = 20 .42 holes
12746-48 , 12753-56 6 JSPF = 42 .42 holes
11878-11 , 882 -6 JSPF = 30 .42 holes

Acid , shot, fracture, cement, squeeze, etc.:

13078-82, 13088-91 – acidized with 1500 gal 15% ICHCL, .
13248-52 – acidized with 1500 gals 15% IC HCL: .
12746-56 – acidized with 1000 gals 7-1/2% Morrow acid.
12746-56 with 48,566 gal 40# water frac with 70Q foam.

Detailed Results of DST #1 – 11,328-11,385 --Cisco

Times: 15 min, 60 min., 60 min., 180 min.

RECOVERY:

2174' of gas cut oil; 565' of cushion, CL 9200

SAMPLER:

5.07 cf of gas, 600 cm of oil

PRESSURES:

DEPTH	11334'
IHP	5687
IFP	437-530
ISIP	4184
FFP	494-1084
FSIP	3547
FHP	5648

DST #2 – 11630-11735' Strawn

Times: 15 min, 60 min, 60 min, 240 min

RECOVERY:

234' of oil cut water, 3164' of gas cut oil, 1519' of fresh water

SAMPLER:

0.48 cubic feet of gas, 300 cm of oil, 1900 cubic cm water

PRESSURES:

Depth 11639'