

**FASKEN OIL AND RANCH, LTD.
ROSS FEDERAL NO. 4**

Location: 3100' FNL & 2600' FEL, Sec. 4, T-21-S, R-24-E, Eddy County, NM
Drilling Contractor: Patterson Drilling Rig No. 142

DST No. 1 (9086'-9107')

Opened tool @ 1:52 am CST 11-28-01 with strong blow. BOB in 1 minute.

1" BOB.
2" 2 psig on 1/8" bubble hose
3" 2 psig
4" 2 psig
5" 3 psig

Closed tool 1 hr. Found ice plug in choke manifold during shut-in.

Reopened tool at 2:57 am

1"	40 psig on 1/4" choke, gas to surface.	
5"	140 psig	
10"	210 psig	
20"	280 psig	
30"	350 psig	
60"	620 psig	
90"	900 psig	1345 mcfpd
120"	1125 psig	1676 mcfpd
150"	1225 psig	1823 mcfpd
165"	1260 psig	1874 mcfpd
180"	1300 psig	1933 mcfpd
210"	1400 psig	2080 mcfpd
264"	1400 psig	2080 mcfpd

Closed tool at 7:21 am CST 11-28-01.

DST No. 1 (9086'-9107')

Recovery: 5' of condensate (43.2° API @ 60° F) and 215' (1.1 bbls) slightly gas and water cut mud, CI 162,000 ppm. Pit CI 183,000 ppm.

Sampler: 1450 psig, 9.51 ft³ gas and 10 cc condensate.

Pressure:

IHP	4774 psig
IPFP	186 psig
FPFP(5")	209 psig
ISIP(60")	4762 psig
IFP	189 psig
FFP(263")	1856 psig
FSIP(9 hrs)	4642 psig
FHP	4776 psig
BHT	154 deg.