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Yates Petroleum Corporation
H-Y State "GH #1 - State Lease # 647
Section 31-18S-28E, Eddy County, NM

OCT 1 1976

O. C. C.
ARTESIA, OFFICE

DST' s

DST #1 7365-7481' (Bone Springs) - TO 30", SI 80", TO 75", SI 150".
Op w/fair blow, 2# in 15" on 1/8" choke increasing to 3# in 30" on 1/8"
choke. Reopened w/fair blow about 1# in 15" on 1/8" choke. Decreased to
8" water in 75". Recovered: - 500' gas, 500' GCDM, 5550' GC Sulphur water,
no oil. Sampler: - 2500 cc Sulphur water. BHT - 130 deg. F.
Pressures: - HP 3456-3456' IFP 550-1699; ISIP 2943; FFP 1699-2891;
FSIP 2957.

DST #2 7938-8172' (Wolfcamp) - TO 30", SI 75", OP 60", SI 120". Op w/good
clow and remained throughout. Reop w/strong blow, 5# surface pressure,
decreased to 3#, no GTS. Recovered: - 560' SGCDM. Reversed out 3800'
of sulphur water. Sampler: - 20#, 2500 cc of sulphur water. BHT 134 deg.
Pressures: - HP 3851-3851; IFP 602-1261; ISIP 3220; FFP 1385-2222; FSIP
3220.

DST #3 8295-8390' (Canyon) - TO 30", SI 90", OP 120", SI 240'. Op w/good
blow, GTS in 14" w/27# on 1/4" choke increasing slowly to 43# after 30"=
85 MCFPG. Reop GTS immediately, increasing very slowly to 40# on 1/4"
choke = 81 MCFPD. Recovered: - 850' O&GCDM, 800' GCSW. Sampler: - 450 psi,
350 cc condensate, 1000 cc SW and 2.3 cfg. BHT - 130 deg. Pressures:
HP 3935-3935; IFP 140-280; ISIP 3409; FFP 245-594; FSIP 2850.

DST #4 10121-10296' (Morrow) - TO 20", SI 60", TO 75", SI 150". Op w/strong
blow, GTS in 4", 520# on 1/4" choke increasing to 2000# on 1/4" choke.
(3 MMCFPD). Reop, GTS immediately, fluid to surface in 10", opened to un-
plug and set flow on 3/8" choke, 1725# in 35" decreasing to 1575# in 55",
stabilized flow at 1575# on 3/8" choke (5 MMCFPD.) Recovered: - 88'
distillate and 276' of D&GCM. Sampler: - 3400 psi. 6.896 cfg, no fluid.
Pressures: - HP 4985-4985; IFP 2253-3055; ISIP 4085; FFP 2338-2928;
FSIP 4021. BHT 148 deg.