

ATTACHMENT - FORM 5-330
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DRILL TEST DATA

OPERATOR: J.H. Naser Corporation

LEASE & WELL NUMBER: Yates Federal No. 1

LOCATION: Unit 1, Section 32, T-28-N, R-29-E,
Daly County, New Mexico

- TEST #1, 10,475' - 10,520' (Lower Goliad). Open 1-1/2 hrs. GFS in 12 min. Initial Gas Volume 48 MCF, after 45 min. 39 MCF, after 1-1/2 hrs. 33 MCF. Rec. 100' heavy condensate cut mud. IHP - 6350, ISIP (1-1/2 hrs) 6350, IFF - 48, PFF - 60, PSIP (3 hrs) 6350, PFF - 6350. SHF 190° F.
- TEST #2 10,571' - 10,630' (Strawn). GFS in 5 min. Open 25 min. Initial Gas Volume 750 MCF, increasing to 1000 MCF before packer gave away. Circulated out 2860' heavy gas and condensate cut mud. Packer failed after 25 minutes. IHP - 6518, ISIP (1-1/2 hrs) 4763, IFF - 401, SHF - 176° F.
- TEST #3 10,589' - 10,731' (Strawn). Open 3 hrs. GFS 13 min., 30 min. pre-flow gas volume 48 MCF, 2-1/2 hrs. open initially 56 MCF, after 30 min. 27 MCF, 1 hr. 33 MCF, 1-1/2 hrs. 43 MCF, 2 hrs. 48 MCF, 2-1/2 hrs. 48 MCF. Rec. 30' distillate, 52° API @ 60° F, 215' heavy distillate cut mud, 188' distillate cut salt water, 436' SW, Chlorides 53,000 PPM, surface choke 1/2". IHP - 6555, ISIP (2-1/2 hrs) 3540, IFF - 263, PFF - 375, PSIP (3 hrs) 2400, PFF - 6555, SHF - 170° F.
- TEST #4 10,741' - 10,807' (Strawn). Packer failed.
- TEST #5 10,720' - 10,807' (Strawn). Pre-flow 30 min., open 1-1/2 hrs. strong blow throughout. GFS in 1 hr. and 55 min. Rec. 150' SW & 4450' SW, Chlorides 50,000 PPM. IHP - 6555, ISIP (1-1/2 hrs) 5000, IFF - 432, PFF - 2222, PSIP (3 hrs) 4927, PFF - 6540, SHF - 174° F.
- TEST #6 11,520' - 11,620' (Horton Sand). Open 35 min., weak blow increasing to good blow. Packer leak. Rec. 2800' SGC water cushion, & 335' SGC. IHP - 6690, ISIP (1 hr) 5300, IFF - 1310, PFF - 1310, PSIP (10 min) 5100, PFF - 6690. Shut in pressures do not represent reservoir pressures due to packer leaking.
- TEST #7 12,054' - 12,124'. Open 1 hr and 46 min. Strong blow throughout. Reversed out 3000' water cushion, 5000' SW. Chlorides 24,000 PPM. IHP - 7354, ISIP (1 hr) 4975, IFF - 2246, PFF - 3846, PSIP (1 hr) 4975, PFF - 7364, SHF - 164° F.

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