

O'BRIANT ENGINEERING

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October 10, 1989

YATES ENERGY CORP.
SEYMOUR STATE NO. 1
CHAVES COUNTY, NEW MEXICO

WELL DATA (As of September 25, 1989)

TOTAL DEPTH: 6,385' K.B. ELEVATION: 3811.8' G.L.
3821.0' K.B.

K.B. TO G.L.: 10 feet

CASING: 13 3/8", 48#/ft., set at 354' with 340 sacks cement,
cement circulated.
8-5/8", 24#/ft., J-55, set at 1525' K.B., cemented with
1290 sacks cement, cement circulated.
5-1/2" 15.5#/ft., J-55, set at 6343' K.B., cemented with
1590 sacks cement. Top of cement at 2370' by CBL log.

PLUG BACK DEPTH: 5840' K.B.
CIBP set at 5875' with 35' cement on top.
CIBP set at 6100' with 36' cement on top.

PERFORATIONS: 4912' - 4929' (ABO perforations)
5926' - 6048' (ATOKA perforations) NOTE: these
perforations were plugged off with a cast iron
bridge plug at 6100')

TREATMENT: 3,000 gallons 10% MOD-101 (Abo)

FRAC: 30,000 gallons WG6 (20,000 gallons KCL and 10,000 gallons
CO2) with 30,000# 20/40 sand and 4500# 10/20 sand (ABO)

TUBING: 2-1/16", 3.25#/ft., DWS, N-80 tubing, ran as follows:

1 - Baker Lok-Set R-3 Packer	3.60'	4826.13' K.B.
1 - 2-3/8" EUE 8rd, pin, 1-1/2" 10- rd I.D. collar cross-over sub	1.00'	4825.13' K.B.
1 - Standard seating nipple 1-1/2" 10 rd I.D. with 1.50" I.D.	1.10'	4824.03' K.B.
1 - 1 1/2" 10 rd I.D. 2-1/16" DWS box cross-over sub	1.85'	4822.18' K.B.
149 - Joints 2 1/16", DWS, N-80 tubing	4811.51'	10.67' K.B.
1 - 2 1/16" DWS pin, 1 1/2" 10 rd I.D. pin		
1 - cross-over sub	0.67'	10.00' K.B.
	4819.73'	
K.B. to G.L.	10.00'	
	4829.73'	