

O'BRIANT ENGINEERING

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(24 Hr. Ans.)

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November 29, 1990

YATES ENERGY CORPORATION
SEYMOUR STATE NO. 2
CHAVES COUNTY, NEW MEXICO

WELL DATA (As of October 30, 1990)

TOTAL DEPTH: 6,250' K.B. Driller ELEVATION: 3834' K.B.
3822' G.L.

K.B. TO CHF: 12.0 feet

SURFACE CASING: 8-5/8", 24 #/ft., K-55, set at 1205' K.B.
Cement circulated.

PRODUCTION CASING 5 1/2" 15.5 & 17.0#/ft., N-80 & J-55, LT&C &
ST&C set at 6253' K.B., cemented with 1595 sacks
cement. Top of cement at 1060' by CBL log.

PLUG BACK DEPTH: 6031' K.B. (Cement retainer set at 5944.46')
Drilled out cement to 6031' K.B.

PERFORATIONS: 6026' (4) hydrojet holes
6019' (4) hydrojet holes
Perforations from 6012' - 6042' were cement squeezed
with 100 sacks cement.

TREATMENT: 600 gallons 10% acetic acid
500 gallons 15% HCl, NEFE Acid and 88,000 St. cu. Ft.
nitrogen, 1000 gallons 15% HCL foamed acid with
95,000 st. cu. ft. of nitrogen.

TUBING: 2 3/8" 4.70#/ft., N-80 EUE 8rd tubing ran as
follows:

1 - Hydrojet tool with 2 3/8" X 2 7/8" X-over	2.55'	6,018.90' K.B.
1 - Joint 2 3/8" 4.7#/ft, N-80 tubing	31.92'	5,986.98' K.B.
1 - 2 3/8" 4.70#/ft., L-80 EUE Sub	4.09'	5,982.89' K.B.
87 - Joints 2 3/8" 4.7#/ft., N-80 tubing	2777.69'	3,205.20' K.B.
94 - Joints 2 3/8", 4.7#/ft., J-55 tubing	3050.45'	154.75' K.B.
4 - Joints 2 3/8" 4.7#/ft., J-55 tubing	124.75'	30.00' K.B.
3 - 2 3/8" subs 10', 6', and 2'	18.00'	12.00' K.B.
Total Joints	6,009.45'	
K.B. to C.H.F.	12.00'	
Tubing at	6,021.45'	

WELL HEAD: Larking Type "R" head. 3,000 psi WP, 6000 psi test.