


YATES PETRO. CORP.
SUMMERS COM #2
990' FSL & 660' FWL
Sec. 25-9S-24E
KB 3575'


YATES PETRO. CORP.
HARVEST "ABR" STATE #2
660' FNL & 2139' FWL
Sec. 36-9S-24E
KB 3569'


YATES PETRO. CORP.
HARVEST "ABR" STATE #4
1980' FSL & 1650' FWL
Sec. 36-9S-24E
KB 3560'


YATES PETRO. CORP.
HARVEST "ABR" STATE #3
1980' FSL & 1980' FEL
Sec. 36-9S-24E
KB 3568'

YATES PETRO. CORP.
ERMA #3
660' FNL & 1980' FWL
Sec. 1-10S-24E
Proposed TD 4775'


YATES PETRO. CORP.
DELHAGEN "BAJ" COM #1
990' FNL & 1330' FWL
Sec. 6-10S-25E
KB 3560'

YATES PETRO. CORP.
ADELL "UJ" FEDERAL #1
660' FNL & 660' FEL
Sec. 7-10S-25E
KB 3550.5'

ABO

A SAND INTERVAL

B SAND INTERVAL

C SAND INTERVAL

WOLFCAMP

WOLFCAMP SPEAR ZONE

WOLFCAMP A SAND

WOLFCAMP B SAND

WOLFCAMP C SAND

CISCO

PRE-CAMBRIAN

PERFS: 3420' - 3427'; 3432' - 3448'; 3512' - 3518'; 3524' - 3540'; 3602' - 3606'; 3660' - 3676'; 4496' - 4500'; 4518' - 4524'; 4560' - 4566'

PERFS: 3421' - 3425'; 3444' - 3452'; 3521' - 3527'; 3532' - 3538'; 3544' - 3550'; 3608' - 3612'; 3661' - 3680'; 4509' - 4519'

PERFS: 3454' - 3466'; 3530' - 3538'; 3540' - 3566'; 3672' - 3694'; 4568' - 4580';

ABO

A SAND INTERVAL

B SAND INTERVAL

C SAND INTERVAL

WOLFCAMP

WOLFCAMP SPEAR ZONE

WOLFCAMP A SAND

WOLFCAMP B SAND

WOLFCAMP C SAND

CISCO

PRE-CAMBRIAN

PERFS: 3460' - 3466'; 3468' - 3472'; 3478' - 3482'; 3486' - 3488'; 3494' - 3496'; 3524' - 3526'; 3564' - 3578'; 3592' - 3600'; 3606' - 3610'; 3702' - 3712'; 3762' - 3770'; 4556' - 4562'; 4590' - 4594'; 4598' - 4600'; 4610' - 4614'; 4646' - 4660'

ABO

A SAND INTERVAL

B SAND INTERVAL

C SAND INTERVAL

WOLFCAMP

WOLFCAMP SPEAR ZONE

WOLFCAMP A SAND

WOLFCAMP B SAND

WOLFCAMP C SAND

CISCO

PRE-CAMBRIAN

PERFS: 3460' - 3466'; 3468' - 3472'; 3478' - 3482'; 3486' - 3488'; 3494' - 3496'; 3524' - 3526'; 3564' - 3578'; 3592' - 3600'; 3606' - 3610'; 3702' - 3712'; 3762' - 3770'; 4556' - 4562'; 4590' - 4594'; 4598' - 4600'; 4610' - 4614'; 4646' - 4660'

YATES PETROLEUM CORPORATION

ERMA #3

STRATIGRAPHIC CROSS-SECTION A-A'

CHAVES CO., NEW MEXICO

GEO: TIM MILLER

DATE: AUG. 21, 2007

DOCKET #

EXHIBIT #

PERFS: 3420' - 3427'; 3432' - 3448';
3512' - 3518'; 3524' - 3540'; 3602' - 3606';
3660' - 3676'; 4496' - 4500'; 4518' - 4524';
4560' - 4566'

PERFS: 3547' - 3558'; 3680' - 3689';
4536' - 4543'; 4602' - 4627'

PERFS: 3421' - 3425'; 3444' - 3452';
3521' - 3527'; 3532' - 3538'; 3544' - 3550';
3608' - 3612'; 3661' - 3680'; 4509' - 4519'

PERFS: 3454' - 3466'; 3530' - 3538';
3540' - 3566'; 3672' - 3694'; 4568' - 4580';

PERFS: 3460' - 3466'; 3468' - 3472';
3478' - 3482'; 3486' - 3488'; 3494' - 3496';
3524' - 3526'; 3564' - 3578'; 3592' - 3600';
3606' - 3610'; 3702' - 3712'; 3762' - 3770';
4556' - 4562'; 4590' - 4594'; 4598' - 4600';
4610' - 4614'; 4646' - 4660'

