

E  
NW

NORTHWEST EXPL. CO.  
CLOUGH #21  
SESW 20-6S-94W

NORTHWEST EXPL. CO.  
#2 CLOUGH  
SESW 21-6S-94W

FINA  
CLOUGH MV #14-22  
SESW 22-6S-94W

BARRETT RES. CORP.  
GV #25-27  
NWN 27-6S-94W

BARRETT  
CLOUGH RMV 2-27  
NWSW 27-6S-94W

BARRETT  
RMV 1-28  
SWSE 28-6S-94W

BARRETT  
GV 9-33  
SENE 33 6S-94W

CER / DOE  
MWX #1  
SENW 34-6S-94W

SOUTHERN UNION  
JUHAN #1  
NWNW 35-6S-94W

BARRETT  
GV 15-36  
NENW 36-6S-94W

E  
SE

Order # (199-23)  
638 x 40



KB 5368'



KB 5289'



KB 5267'



KB 5235'



KB 5229'



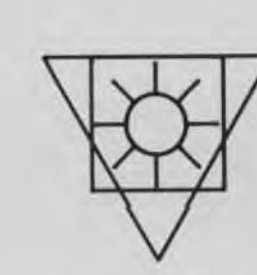
KB 5218'



KB 5333'



KB 5374'



KB ~5474'



KB 6393'

UPPER MESAVERDE

DATUM

DATUM

IMPERMEABLE MANCOS SHALE TONGUE

UPPER COZZETTE

IMPERMEABLE COZZETTE SHALE

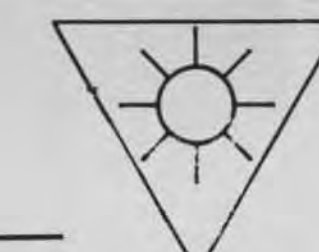
LOWER COZZETTE

IMPERMEABLE MANCOS SHALE TONGUE

CORCORAN

MAIN BODY OF MANCOS SHALE

LEGEND



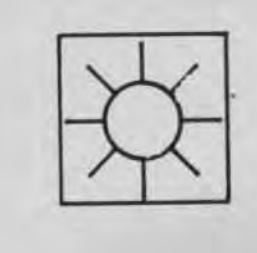
WILLIAMS FORK SANDSTONE COMP.



CAMEO COAL COMP.



DUAL WILLIAMS/CAMEO COAL COMP.



COMMINGLED COZZETTE/CORCORAN

13.0# / GAL @ TD  
CORCORAN: 8400-8524  
2/82 FLOWING  
0 BOPD  
600 MCFGD  
0 BWPD  
RECOMPLETE 6/82  
COZZETTE: 8130-8154  
6/82 FLOWING  
0 BOPD  
605 MCFGD  
40 BWPD (LOAD)

RECOMPLETE 1/84  
KWF: 6962-7448 (GROSS)  
1/84 0 BOPD  
373 MCFGD  
65 BWPD

11.3# / GAL @ TD  
KWF: 6292-6332 (GROSS)  
IPF: 193 MCFGD 6/79  
CUM: 9/91 136 BC  
185 MCFG  
170 BW  
DAILY: SI

9.3# / GAL @ TD  
KWF PERFS: 6584-6918  
7163-7412  
IPF: 993 MCFGD 9/91  
NO OIL  
NO WATER  
CUM: 9/91 0 BO  
12,669 MCFG  
0 BW  
DAILY: 0 BO  
506 MCFGD  
0 BW

11.6-12.0# / GAL @ TD  
KWF PERFS: 7030-7040  
7090-7110  
COCORAN PERFS: 8204-8309  
(BARRETT INDICATES  
CORCORAN PERFS NOT  
IN PRODUCING INTERVAL.)  
IPF: 0 BO  
270 MCFGD  
20 BWPD  
CUM: 9/91 0 BO  
16,725 MCFG  
300 BW  
DAILY: 0 BOPD  
201 MCFGD  
1 BWPD

11.8# / GAL @ TD  
KWF PERFS: 6730-7045 (GROSS)  
CAMEO PERFS: 7140-7436  
COZZETTE PERFS: 7836-7952  
CORCORAN PERFS: 8117-8194  
IPF FROM KWF + CAMEO 6/90  
0 BOPD  
2600 MCFGD  
0 BWPD  
IPF FROM ALL ZONES COMMINGLED 5/91  
0 BOPD  
1200 MCFGD  
15 BWPD  
PRODUCED 37 MCFG + 251 BW IN 66 DAYS  
BETWEEN 9/1/91 + 12/31/91 (3.8 BWPD)  
CUM: 9/91 0 BO  
57,378 MCFG  
358 BW  
DAILY: 0 BO  
805 MCFGD  
10 BWPD

11.5# / GAL @ TD  
KWF PERFS: 6508-6825  
CAMEO PERFS: 6989-7339 (GROSS)  
COZZETTE PERFS: 7768-7923  
CORCORAN PERFS: 8045-8181  
IPF: KWF PERFS 0 BOPD  
210 MCFGD  
0 BWPD  
CAMEO 0 BOPD  
500 MCFGD  
0 BWPD  
COMMINGLED W/ COZZETTE + CORCORAN 1/91  
PRODUCED 86 MCFG + 265 BW (2.7 BWPD)  
IN 100 DAYS BETWEEN 9/1/91 + 12/31/91  
CUM: 9/91 0 BO  
164,674 MCFG  
1,002 BW  
DAILY: 0 BOPD  
989 MCFG  
6 BWPD

14.5# / GAL @ TD  
CAMEO : 7230-7438 (GROSS)  
TSTD 447 MCFGD @ 300 PSI  
AFTER ACID.  
FRAC UNSUCCESSFUL  
CSG COLLAPSE @ 7230 (COAL BED)  
KWF: 6400-6810  
IPF: 0 BOPD  
1,150 MCFGD  
10 BWPD  
CUM: 9/91 0 BO  
45,097 MCFG  
127 BW  
DAILY: 0 BO  
765 MCFGD  
0 BW

14.3# / GAL @ TD  
KWF: 5535-7284  
COZZETTE: 7855-7954 (GROSS)  
IP: UNKNOWN FROM THESE COMMINGLED  
ZONES-SEE ANNOTATION ABOVE FOR  
COZZETTE + CORCORAN RATES  
CUM: 9/91 0 BOPD  
439,903 MCFGD  
3,073 BWPD  
DAILY: 0 BOPD  
882 MCFGD  
0 BWPD

10.7# / GAL @ TD  
KWF PERFS: 5354-6856 (GROSS)  
COZZETTE PERFS: 8020-8184 (GROSS)  
CORCORAN PERFS: 8344-8424  
IPF: 1.5 MCFGD (DOWNTS)  
CUM: 9/91 0 BO  
87 BCFG  
2,330 BW  
DAILY: 0 BO  
150 MCFGD  
0 BW  
EUR: (CER CORP)  
1.6 BCFG

11.7# / GAL @ TD  
SHUT-IN FOR 1 YEAR THEN OPENED CAMEO  
PERFS FEB '91  
CAMEO: 8168-8464 (GROSS)  
IPF: 800 MCFG  
0 BWPD  
CUM: 9/91 UNKNOWN  
LAST TEST OF CAMEO  
11/28/90: 425 MCFGD  
12 BWPD  
FTP-640  
CP-900

MERIDIAN OIL  
RULISON FIELD  
Garfield County, Colorado

STRATIGRAPHIC CROSS SECTION E-E'

J.A. MINELLI  
DATE: 7/92 mfk  
RVSJ: 2/93  
MAP # T430002402  
SCALE: VERTICAL: 1" = 40'  
HORIZONTAL: DIAGRAMMATIC  
EXHIBIT #5