



COX CANYON UNIT #203
GROSS PERFORATION INTERVAL 3092-3355

DATUM
FRUITLAND COAL MARKER

TOP PICTURED CLIFFS SANDSTONE

NOTE: NO LOG AVAILABLE ON COX CANYON UNIT #20:
LOG SHOWN IS NEAREST WELLBORE
(COX CANYON UNIT #22, 1110 FNL & 1120 FEL)

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION

EXHIBIT NO. 3
CASE NO. 10565

GREAT WESTERN DRILLING CO.
P.O. BOX 1659, MIDLAND, TEXAS 79702 915/682-5241

J.E. DECKER NO. 11 AREA
San Juan County, New Mexico

STRATIGRAPHIC CROSS SECTION FRUITLAND FORMATION (COAL BEDS)

VERTICAL SCALE: 1"=250'
HORIZONTAL SCALE: RELATIVE

GEOLOGIST: R.P. RICHARDS

DATE: 9-'92

STATE: NEW MEXICO
COUNTY: SAN JUAN
API 30-045-28079
FIELD: BASIN
WELL CLASS: OQ
OPR: MESA OPERATING

SPUD: 09/14/90 COMP: 02/26/91 ELEV: 8630 KB 6616 GR
ID: 3360 (09/18/90) FM/TD: FRUITLAND PBD: 3309 BHT: 127F
CONTR: FOUR CORNERS DRILG RIG # 6 (R) (VERTICAL)
PROD DEPTH/FM: 3380 FRUITLAND
COMP 2/26/91, 1PF 303 MCFOPD, S1TP 652, S1CP 618, FTP 400, FCP 430. PROD ZONE -
EBH11 AND 29512-3230/GROSS1. NO CORES OR DSTS

LOG DESCRIPTION: 8 MW NW CEDAR HILL, MN. LAT. 3698487 LONG. 10802496.
WELL IN CHARGE: FTG CHGO FROM 2300 FSW. 1025 FET FROM 6830 GR. ELEV CHGO
FAS 15111.
CASING: 5 8" @ 218 W/200 SC 5 1/2 @ 3360 W/250 SC. IEG: 2 3/4 @ 3309.
LOG TYPES: GALP 195-3335, CBMD 50-1712, CTD 195-3335, CML 195-3335, CWL 2775-3330, DSHF
218-3334, GRP 50-1712, 195-3335, 218-3334.

TYPE	FORM	LITH	TOP	SUB	BASE	SUB
LOG	FARMINGTON		1992	4638		
LOG	FRUITLAND		2787	3843		
LOG	PICTURED CLIFFS		3240	3390		
	JR		3327	3393		

SUBSEA MEASUREMENTS FROM KB, (FRUITLAND), 2952-3029, 3090-3160, 3211-3230, SGFR (3211-3230) W/40000 GALS, 90000 LBS SAND, 5000 GAL 30 #, 35000 GALS X-LINK, 2040 SD SGFR (3090-3160) W/14000 GALS, 270000 LBS SAND, X-LINK SGFR (2952-3029) W/70000 GALS, 132000 LBS SAND, OPER AND BOX 2000, AMARILLO, TX, 79189 PHONE (806) 378-1000, AMMANN BASE MAP NM-4, POMCO MAP NM-4,

DATE 07/29/81 CARD # 00022-F COR

STATE: NEW MEXICO
COUNTY: SAN JUAN
API: 30-045-27428
FIELD: BASIN
WELL CLASS: OG
OPR: GREAT WESTERN DRLO 11 J E DECKER

SPUD: 11/11/89 COMP: 01/25/90 ELEV: 6629 KB 5617 GR
ID: 3144 (11/14/89) FM/TD: FRUITLAND PSTD: 3140 BHT: 108F
CONTR: FOUR CORNERS DRUG RIG # 6 (R) RIG SUB: 12
PROJ DEPTH/FM: 2800 FRUITLAND

COMP 1/25/90, IPF 1399 MCFGPD, NO WTR, 48.64 CK, FTP 125, FCP 176, S1TP 624, SICP
824 PROD ZONE - FRUITLAND 2986-3136(GROSS). NO CORES OR DSTS.

LOC DESCRIPTION: IRRIG SEC. 7 3/4 MI NW CEDAR HILL LMR. AL 3699381 LONG. 10m1858.
 EASING 10 3/4 MI W 278 W0715 SX. 1 5/8 MI 2955 W0700 LMR. AL 1 1/2 MI 2888 3142 W00058 SX.
 LOC. ESES. ACSL 2888 1129, CBMD 2808 3129, CDL 2750 3139, DSM 2750 3139, GRDL 2953 3139, RES
 2953 3139.

TYPE	FORM	WITH	TOP	SUB	BASE	SUB
10T	CLD ALAMO			8629		
10G	KIRTLAND		1585	5044		
			3144	3485		

SURGEA MEASUREMENTS FROM KB
PRODUCING INTERVAL PERF (FRUITLAND), 2996 2988, 2994-3001, 3021-3025,
 3058-3068, 3106-3108, 3112-3114, 3117-3119, 3121-3136, W/86 SHOTS, SWFR (2986-3136) W/372650
 GALS, 50000 LBS SAND,
DEEP ADD: 2550 L.A. A TA HWY, FARMINGTON, NM, 87401 PHONE (505) 327-0494, GEOL. BOWMAN
 ALMANNY BASE MAP NM-6 POMCO MAP NM-4.

DATE 07/02/90 CARD # 00032-F COR

STATE: NEW MEXICO
COUNTY: SAN JUAN
API: 30-045-2782
FIELD: BASIN
WELL CLASS: DG
OPR: NORTHWEST PIPELINE

32N-11W 1
SW NE NE
812 FNL 1079 F
STATUS: GAS

203 COX CANYON UNIT

SPUD: 10/10/90 COMP: 11/01/90 ELEV: 6714 KB 6700 GR
ID: 3426 (10/13/90) FM/TD: PICTURED CLIFFS PBDT: 3390
CONT: NOT RPTD (R)
PROL DEPTH FM: 3365 FRUITLAND COAL
COMP 11/1/90, SIGW. PROD ZONE - FRUITLAND 3092-3355(GROSS). NO CORES OR
DSTS.

LOG DESCRIPTION: 1 MI NW CEDAR HILL, NM. LAT. 3600534 LONG. 10000736.
CASING: 9 5/8" @ 225 W/125 SX, 7 @ 3420 W/620 SX. TRGS: 2 3/8 @ 3345.
LOG TYPES: CALP, CCL, DL DSN, GR;

TYPE	ECRM	LITH	LOC	SUB	BASE	SUR
LOG	CJO PLANO		1855	5059		
LOG	KIRTLAND		1947	4767		
LOG	FRUITLAND		3092	3622		
LOG	PICTURED CLIFFS		3355	3358		

SUBSEA MEASUREMENTS FROM KB;
PRODUCING INTERVAL: PERF (FRUITLAND), 3092-3100, 3104-3108, 3151-3158,
3194-3205, 3223-3232, 3236-3257, 3271-3283, 3347-3355, W/2 PF, SWFP (2082-3265) W/8014 GALS,
421500 LBS SAND, NTPR (2082-3365), SHTP(STM) S/CIP(STM),
OPER ADDR: 3538 E 30TH ST, FARMINGTON, NM, 87401 PHONE (505) 322-5351; AMMANNAH BASE MAIL
MAIL-8, POMOCO MAP NM-4.

DATE 01/28/91 CARD # 00084-F COR