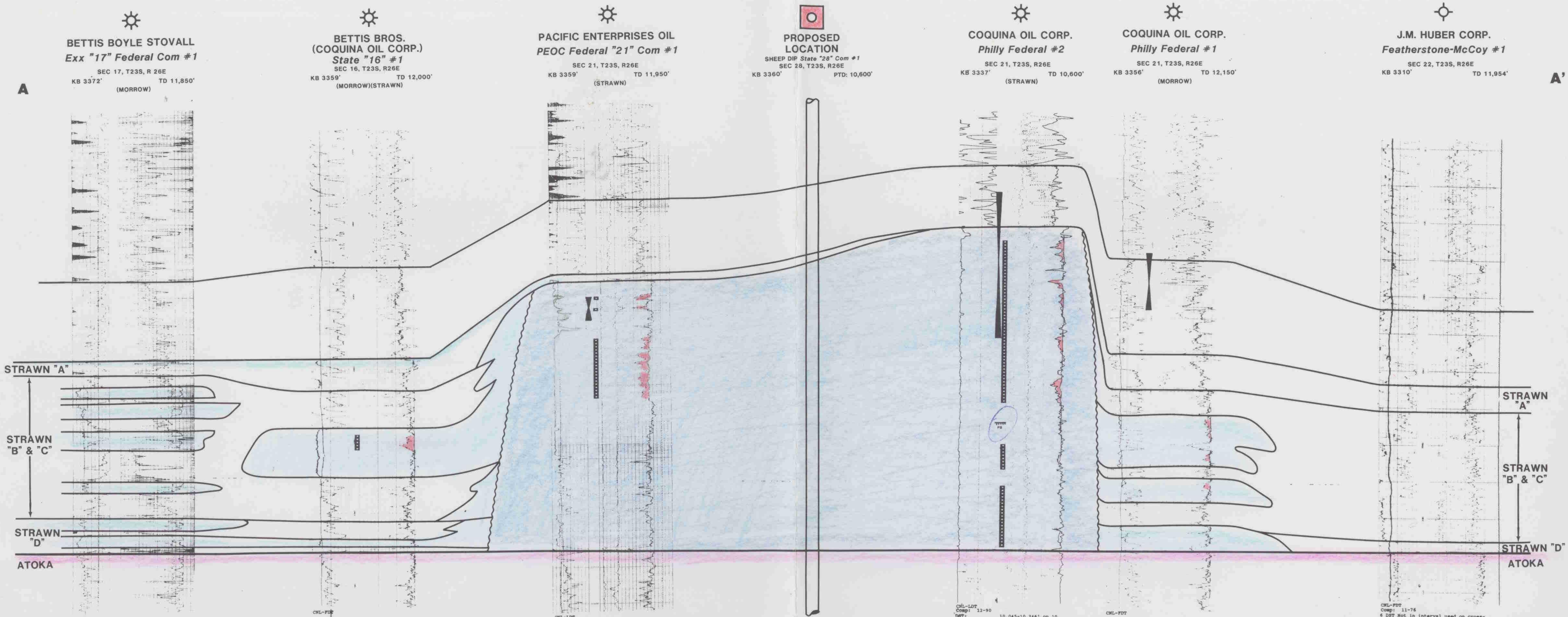

CNL-FDC
Comp: 9-89
Prod Perf: 11,478-11,490' W/52 PF F 5400 MCFPD, 16/64 ck, 24 hr, TP 3700 Natural
IPCAOF: 36,521 MCFGPD, GOR Dry Gty (Gas) 585 SIWHP 4000, SIBHP 4000
Total Cum Prod to 1-1-92: 549 MM
EUR (Morrow): .693 BCFG

CNL-FDC
Comp: 10-74 (Morrow)
Prod Perf: 11,070-092', 2 spf, F/1200 MCFGPD w/tr wtr 24/64" ck, TP 425# A//5000 gals.
IPCAOF: 5,145 MCFGPD, SIWHP 4021#, dry
Recomp: 8-89 (Strawn)
Prod Perf: 10,392-10,412' w/41 shots A/4000 gals, 1000 gals, 15% HCl 20% HCl
IPCAOF: 54,563 MCFGPD, GOR 795, Gty (Cond) 55.5 Gty (gas) .645, SIWHP 4198, SIBHP 4211
Total Cum Prod to 2-1-92: Morrow: 836 MMCFG Strawn: 3467 MM + 40.1 MBC
EUR (Strawn): 5.6 BCFG + 49.8 MBC

CNL-LDT
Comp: 12-90
DST: 10,180-10,212 Op 5 min SI 1 hr Op 1 hr SI 3 hr, Gas TS 12 min 1100 MCFD Rec 300' GCM 25 CC oil 75 CC mud 2.8 CFT Gas IFP 132 FFP 159 IFP IFP 159 FFP 474 ISIP 5547 FSIP 5547 SPL rec 2.85 CFT gas
Prod Perf: 10,178-10,184, 10,195-10,198, 10,236-10,316, W/89 Shots A (10,178-10,316) W/5000 gals 15% NEFE FCP PER Gty (Gas)
IPF: 124 BC 3900 MCFGPD 16/64 CK GOR 315 15 Gty (Cond) 48.3 Gty (Gas) (RK) FT
Total Cum Prod to 1-1-92: 2140 MM 26 MBC
EUR (Strawn): 6.14 BCFG + 47.7 MBC

CNL-LDT
Comp: 12-90
DST: 10,045-10,246' op 10 mins, SI 2 hrs, 49 mins, op 53min, SI 4 hrs, 5 mins, gas TS 6 mins rec, 13 bble wtr, 5 bble cond, 22.8 cft gas, tr oil IFP 1967, FFP 3115, IFP 2428, FFP 4127, ISIP 4266, FSIP 4259#, FHP 3050#, SPL Rec 23.32 cft gas.
Perf: 10,451-10,535', w/16 shots A/2400 gals, 15% NEFe, flwd wtr w/tr gas in 6 runs, gross A/5000 gals, 15% MOD-202 1000 scf NTGN per bble, flwd wtr w/tr gas thru 13/64" ck.
Perf: 10,395-10,428', w/11 shots A/500 gals 10%
Perf: 10,111-10,215' w/50 shots A/500 gals 10%.
IPCAOF: 41,282 MCFGPD, GOR 313, Gty (cond) 58, GC7 (gas) 710 SIWHP 3140#, SIBHP 3153#.
Total Cum Prod to 2-1-92: 1637 MMCFG + 14.1 MBC
EUR (Strawn): 2.98 BCFG + 19.6 MBC

CNL-FDT
Comp: 7-74
DST: 10,214-290', op 1 hr 20 mins, rec 1344' VSGCGW, ISIP 3503#/1hr, FP 166-783#, FSIP 4012#/2 hrs, HP 5370-5295#.
Prod Perf: 11,824-836' w/2 sfp S/dry.
IPCAOF: 41,789 MCFGPD, GOR dry, SIWHP 3999#.
Total Cum Prod to 2-1-92: 4492 MMCFG
EUR (Morrow): 4.5 BCFG

CNL-FDT
Comp: 11-76
6 DST Not in interval used on cross-section
DSA RecComp: 3-78
Unable to [illegible]

SANTA FE ENERGY OPERATING PARTNERS, L.P.
CENTRAL DIVISION
MIDLAND, TEXAS

CARLSBAD AREA
SHEEP DIP PROSPECT
EDDY CO., NEW MEXICO

STRAWN
STRATIGRAPHIC
CROSS-SECTION A-A'

GEOL. DON ECKERTY
DATE 7-92
SCALE VERT: 2.0" : 100'
FILE 3-B-3
DE:pbp89

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
Santa Fe EXHIBIT NO. 4A
CASE NO. 10598