

PROPOSED LOCATION

MARATHON OIL (RALPH LOWE)
Indian Basin Hills Unit #1
SEC 21, T 21 S, R 24 E
KB 3681 (PENNYMORROW)
TD 10,212'

SANTA FE ENERGY
Righthand Canyon Fed. "34" #1
SEC 34, T 21 S, R 24 E
KB 3774
TD 10,026'

SANTA FE ENERGY
Pardue Gas Unit-USA #1
SEC 27, T 21 S, R 24 E
KB 4059
TD 8038'

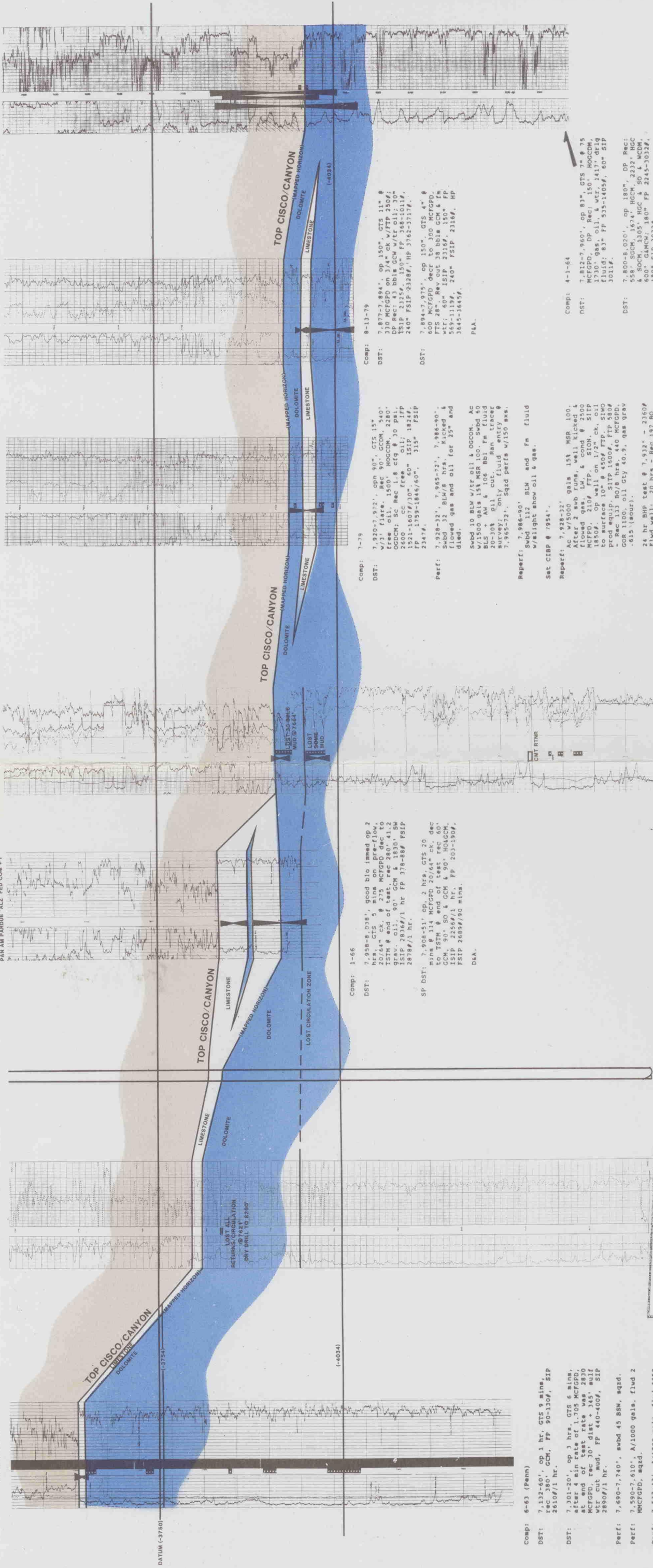
PAN AMERICAN PETRO.
Pardue Farms #1
SEC 27, T 21 S, R 24 E
KB 3792
TD 9853'

ANADARKO PETRO.
Pardue Farms #1
SEC 27, T 21 S, R 24 E
KB 3792
TD 9853'

HARVEY E. YATES
Anadarko Fed. #1-Y
SEC 35, T 21 S, R 24 E
KB 3960
TD 7890'

MORRIS ANTWEIL
Little Wait #1
SEC 2, T 22 S, R 24 E
KB 3904
TD 7875'

CURTIS R. INMAN
Wait Canyon Unit #1
SEC 3, T 22 S, R 24 E
KB 3953
TD 10,694'



BEFORE EXAMINER STOGNER

OIL CONSERVATION DIVISION

Santa Fe EXHIBIT NO. 12

CASE NO. 10628/10629

Comp: 6-63 (Penn)
DST: 7,132-60', op 1 hr, GTS 9 mins, rec 380' GCM, FP 90-130', SIP 2610/1 hr.
DST: 7,301-20', op 3 hrs, GTS 6 mins, after 4 min rate of 1,705 MCFGPD, at end of test rate was 2830 MCFGPD, rec 30' dist + 345' sulf wtr cut mud, FP 440-400', SIP 2890/1 hr.
Perf: 7,690-7,740', subd 45 BSW, sqzd.
Perf: 7,590-7,610', A/1000 gals, flwd 2 MCFGPD, sqzd.
Perf: 7,537-43', A/1000 gals, flwd 2250 MCFGPD thru 1-1/2" ch + 72 bbls sulf wtr, sqzd.
Perf: 7,410-20', A/1000 gals flwd 18,600 MCFGPD thru 1" ch, SIP 2400.
Prod Perf: 7,316-32', A/1000 gals rec A/2000 gals.
IPCAOF: 21,500 MCFGPD, SIP 2376'.

Comp: 2-16-78
DST: 7,636-3,664', GTS 12" @ 110 hrs, rev out to 225 MCFGPD on 1/4" ch, DP Rec: rev out 1800' MCFGPD (15-208 green oil, 40 deg Grav); Sc Rec: 250 cc oil + 1300 cc dril DM; IHP 3630#, 10" IFF 321-415#, 60" ISIP 214#, 60" FFP 611-915#, 120" FSIP 2160#, FHP 3630#.
DST: 7,690-7,727', GTS 18" @ 130 MCFGPD @ 25 psi on 3/8" ch; DP Rec: 2630' GCM (151 oil, 41.6 deg grav); Sc Rec: 1,000 cc oil + 1,440 cc dril DM; IHP 3214#, 60" FFP 611-915#, 120" FSIP 2456#, FHP 3660#.
Perf: 50 ex cat plug @ 9,500-9,600' - pad 150 cat plug @ 8,500' - pad 150 Run 4-1/2" Csg to 8,224', PSTD 8,159'.

Perf: 8,118-8,130' @ 2 spf, Ac w/250 gals, subd sul wtr.
Perf: 8,075-8,082', 8,094-8,100' @ 2 spf, Ac w/250 gals, subd sul wtr.
Set cat retainer @ 8,045' w/150 ex cat.
Perf: 7,642-7,668', 7,688-7,720' @ 2 spf, Ac w/250 gals 101 a-etic acid.
Ac w/5500 gals acetic acid, 201 HCl.
Subd 1600 bbls SW w/minor oil.
Cut 4-1/2" csg @ 7,070' and POH.
P&A well.

Comp: 7-79
DST: 7,920-7,972', opn 90", GTS 15" w/3' plate, rev out 900' MCFGPD, OGCM: SC Rec 1.8 cft @ 30 psi, 2600 cc free oil; IFF 1921-1607/10", 60" ISIP 1824#, FP 1759-1846/60", 315' /FSIP 2347#.
Perf: 7,928-32', 7,965-72', 7,986-90'. Subd 32 BSW/8 hrs. Kicked & flowed gas and oil for 25' and died.
Subd 10 BSW w/tr oil & OGCM. Ac w/1500 gals 151 MSR 100'. Subd 60 BLS 10' + AN & 106 BLS FM fluid subd. Only fluid entry & survey: only fluid entry & 7,965-72'. Sqzd perfs w/150 ex.
Reperf: 7,986-90'. Subd 112 BSW and FM fluid w/weight above oil & gas.
Set CIBP @ 7954'.
Reperf: 7,928-32'.
AC w/2000 gals 151 MSR 100'. After 2 sub runs, well kicked & flowed gas, LW, & cond @ 2500 MCFGPD, 210' FTP, SIOM, SIIP 1850#. Op well on 1/2" ch, oil cut mud, SIIP 1500#, FHP 580# - Rec 133 B0/8 hrs, 440 MCFGPD, COR 1100, oil Gty 40.9, gas grav .615 (hour).
24 hr BHP test @ 7,932' - 2360# Flwd well: 30 hrs - Rec 197 B0 16.5 hrs - Rec 128 B0 - 165# FTP 7.5 hrs - Rec 22 B0 - 40# FTP 3-25 hrs - Rec 15 B0 - 10# FTP
24 hr BHP test @ 7870' - 2322# 7,932'-2,318#.
RU parafin unit & cut parafin to 3500'. RU sub unit, sub 185 bbls of fluid, 124 BWS/15 hrs 17 B0 + 106 BWS/8.5 hrs, 12 B0 + 41 BWS/3.5 hrs, 25 B0 + 93 BWS/8 hrs. RD sub unit.
P&A w/5 plugs.

Comp: 4-1-64
DST: 7,812-7,960', op 83', GTS 7" @ 75 MCFGPD, DP Rec: 150' MCFGPD, 1730' gas, oil, & wtr, 1417' dril mud; 83' FP 535-1405#, 60" SIP 3011#.
DST: 7,800-8,020', op 180", DP Rec: 558' SOCM, 1674' HGM, 2232' HGC & SOCM, 1305' HGC & 90' MCDM, 180' SIP 3032#.
SPDSIF: 7,794-7,987', op 360', GTS 10" @ 320 MCFGPD, DP Rec: 248' HGM, 1674' free oil, 217' SMO, 4944' SOCM, 360' FP 744-3022# 120' SIP 3066#.
Perf: 7,942-7,944', Ac w/250 161a, subd 384 BW w/scum oil an' small amt of gas. Sqzd perfs.
Perf: 7,932-7,934', Ac w/250 gals, subd 54 oil & 954 wtr. Sqz 1 perfs.
Reperf: 7,942-7,944', Ac w/1 bul, subd 1/ BF/3 hrs, ReAc w/1 bul, subd 275 wtr.
P&A

SANTA FE ENERGY OPERATING PARTNERS, LP
CENTRAL DIVISION
MIDLAND, TEXAS

EAST INDIAN BASIN SOUTH AREA
EDDY CO., NEW MEXICO

STRUCTURAL CROSS SECTION A-A'
CISCO/CANYON INTERVAL

INDIAN BASIN SOUTH AREA
EDDY CO., NEW MEXICO
MIDLAND, TEXAS
DATE: 11-1-78
SCALE: 1" = 100'