

PROPOSED LOCATION

MARATHON OIL (RALPH LOWE)
Indian Basin Hills Unit #1
SEC 21, T 21 S, R 24 E
KB 3861
TO 10,312'
(PENNINGBORO)

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

SANTA FE ENERGY
Rocky Top Fed #27 #1
SEC 27, T 21 S, R 24 E

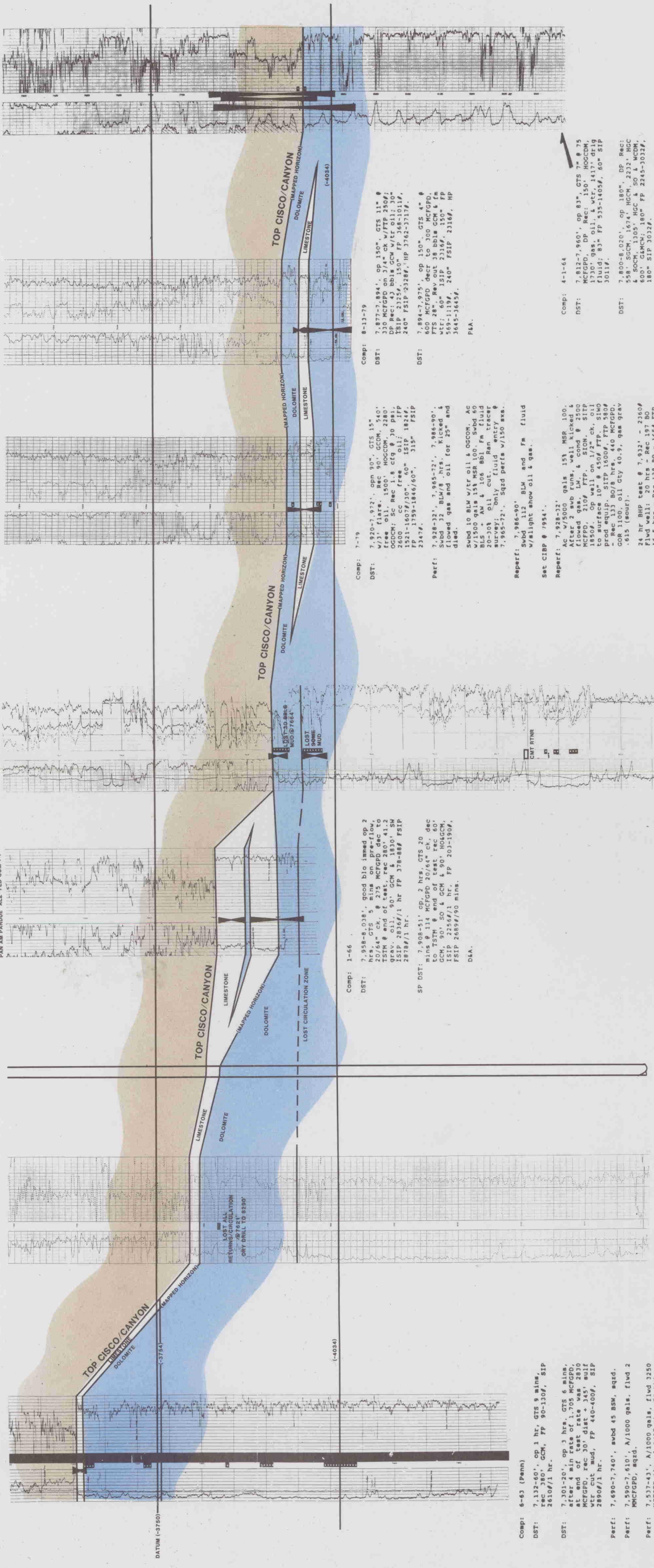
PAN AMERICAN PETRO.
Pardue Gas Unit-USA #1
KB 4039
SEC 23, T 21 S, R 24 E
TO 8038'
PROPOSED YATES RE-ENTRY:
PAN AM PARDUE "ALZ" FED COM #1

ANADARKO PETRO.
Pardue Farms #1
KB 3702
SEC 23, T 21 S, R 24 E
TO 8853'

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

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

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



BEFORE EXAMINER STOGNER

OIL CONSERVATION DIVISION

Santa Fe EXHIBIT NO. 12

CASE NO. 10629/10628

Comp: 6-43 (Pann)
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' suif wtr, cut mud, FP 440-400', SIP 2890'/1 hr.
Perf: 7,690-7,740', subd 45 BSM, sqgd.
Perf: 7,590-7,610', A/1000 gals, flwd 2 MCFGPD, sqgd.
Perf: 7,537-43', A/1000 gals, flwd 3250 MCFGPD thru 1-1/2" ck + 72 bbie suif wtr, sqgd.
Perf: 7,410-20', A/1000 gals flwd 2400' MCFGPD thru 1" ck, SITP 2400'.

Prod Perf: 7,316-32', A/1000 gals rec A/2000 gals.
IPCAOF: 21,500 MCFGPD, SITP 2376'.

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IPCAOF: 21,500 MCFGPD, SITP 2376'.

Comp: 1-66
DST: 7,958-8,038', good blo inned op 2 hrs, GTS 5 min, rev out 1800' MCFGPD, TSTM @ end of test, rec 280' 41.2 grav. oil, 90' GCM & 1830' SW ISIP 2836'/1 hr FP 378-88' FSIP 2878'/1 hr.
SP DST: 7,908-51', op 2 hrs, GTS 20 mins @ 114 MCFGPD 20/64" ck, dec to TSTM @ end of test rec 60' GCM, 90' SO & GCM & 90' HO&GCM, ISIP 2256'/1 hr, FP 203-190', FSIP 2889'/90 mins.
DIA.

Comp: 7-19
DST: 7,920-7,972', opn 90" GTS 15" free fluid, 1500' MCFGPD, 2280' OGDCM: SC Rec 1.8 c/g @ 30 psi, 2600' cc free oil; IFP 1521-1607/10", 60" ISIP 1824', FP 1759-1846/60", 315" FSIP 2347'.
Perf: 7,928-32', 7,965-72', 7,986-90', Subd 32 BLM/8 hrs. Kicked & flowed gas and oil for 25' and died.
Subd 10 BLM w/tr oil & OGDCM. AC w/1500 gals 15' MGR 100' Subd 60 BLS 10' Well 106 BLS 1' MGR 1' survey: Only fluid entry @ 7,965-72'. Sqgd perfis w/150 axv.
Reperf: 7,986-90' BLM and Fm fluid w/ slight show oil & gas.
Set CIBP @ 7954'.
Reperf: 7,928-32' AC w/5000 gals 15' MGR 100'. After 2 sub runs, well kicked & flowed gas, LW, & cond @ 2500 MCFGPD, 210' FTP. SIGN. SITP 1850'/rev out on 1/8" wtr. SIP 1850' MCFGPD, 150' FTP. SIP 1850' prod equip. SITP 1400', FTP 580' - Rec 133 BO/8 hrs. 440 MCFGPD, COR 1100, oil cty 40-9, gas grav .615 (sour).
24 hr BHP test @ 7,932' - 2360' Flwd well: 20 hrs - Rec 157 BO 16.5 hrs - Rec 128 BO - 165' FTP 7.5 hrs - Rec 22 BO - 40' FTP 3.25 hrs - Rec 15 BO - 10' FTP
24 hr BHP test @ 7870' - 2322' 24 hr BHP test after 7 day ST, @ 7,932'-2,318'.
RU parafrin unit & cut parafrin to 3500'. RU sub unit, sub 185 bolts 15' sub unit, 12' sub unit, 17' BO sub 2' BO, 12' 4 BM/11 hrs. 17 BO + 106 BM/8.5 hrs, 12 BO + 41 BM/3.5 hrs, 25 BO + 93 BM/8 hrs. RD sub unit.
PFA w/3 plugs.

Comp: 8-13-79
DST: 7,877-7,894', op 150", GTS 11" @ 330 MCFGPD on 3/4" ck w/FTP 230' DP Rec: 43 bbie GCM w/tr oil; 30" ISIP 2325', 150" FP 368-1011', 240" FSIP 2328', HP 3762-3717'.
DST: 7,894-7,975', op 150", GTS 4" @ 600 MCFGPD decr to 300 MCFGPD, FTS 28". Rev out 38 bbie GCM & wtr; 60" ISIP 2316', 150" FP 569-1119', 240" FSIP 2316', HP 3645-3645'.
PFA.

Comp: 4-1-64
DST: 7,812-7,960', op 83", GTS 7" @ 75 MCFGPD, DP Rec: 150' HO&GCM, 1730' gas, oil, & wtr, 1417' drig 130' sub unit, 12' sub unit, 17' BO sub 2' BO, 12' 4 BM/11 hrs. 17 BO + 106 BM/8.5 hrs, 12 BO + 41 BM/3.5 hrs, 25 BO + 93 BM/8 hrs. RD sub unit.
PFA w/3 plugs.

Perf: 7,942-7,944', Ac w/23' jala, subd 384 BW w/scum oil and small amt of gas. Sqgd perfis.
Perf: 7,932-7,934', Ac w/25' gals, subd 51 oil & 95% wtr. Sqgd perfis.
Reperf: 7,942-7,944', Ac w/1 bbl, subd 37 B/73 hrs. ReAc w/1 bbl, subd 275 B/73 hrs. 20.5 hrs, sat 21 oil & 98% wtr.
PFA

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

INDIAN BASIN SOUTH AREA
EDDY CO., NEW MEXICO
STRUCTURAL
CROSS SECTION A-A'
CISCO/CANYON INTERVAL

DATE: 10-1-80
SCALE: 1" = 100'