STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no

II. Operator: Tenneco Oil Exploration and Production
Address: 7990 IH 10 W., San Antonio, TX 78230
Contact party: Richard Marquardt Phone: (512) 366-8008

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed:
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Richard Marquardt Title Production Engineer

Signature: Richard Marquardt Date: 3-20-84

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. N/A

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office

HALF MILE RADIUS OF
PROPOSED SWD: COASTAL "A", STATE NO. 2

	TYPE	RECORD OF COMPLET'N	DEPTH	DATE DRILLED	LOCATION	CONSTRUCTION
Coastal "A" State No. 1	Oil Well	7-5-71	4625'	6-19-71	660' FNL 660' FWL Sec. 9 T9S R33E	12 3/4", 39 Lb/Ft, @366' Cmt. to Surface 5 1/2", 17 & 15 Lb/Ft, I-55, 8rd. @ 4625'. ~~cmt~~'d w/75SX. TOC @ 7380 Temp. survey.
Coastal "A" State No. 2	Oil Well Proposed SWD	7-25-72	4601'	7-1-71	718 FNL' 2029 FEL' Sec. 9 T9S,R33E	9 5/8", 40 Lb/Ft, @ 350 Cmt'd w/ 375 sxs to surface 4 1/2", 10.S Lb/FT, @ 4598' Cmt'd w/ 150 sxs, TOC TOC @ 4010
Coastal State No. 2	Oil Well	7-2-71	9488	5-13-71	660'FNL 1980'FEL Sec. 9 T9S R33E	13 5/8", 54.5 Lb/Ft, @ 361' Cmt to Surface 8 5/8", 24 & 32 Lb/Ft, K-SS @ 3949', TOC @ 1440 by Temp. Survey. 5 1/2", 17 Lb/Ft, I-55 & N-80 @ 9488', TOC @ 7790' by Temp. Survey, TOL @ 3726' by Temp. survey.
Coastal "A" State No.3	Oil Well	8-4-71	9466'	12-9-70	1980'FWL 760'FSL Sec. 21 T9S R33E	13 3/8", 48 Lb.Ft, @ 351' Cmt w/ 375 sks. to surface. 8 5/8", 32 Lb/Ft, @ 3950' cmt'd w/ 950 sxs TOC @ 1900' 5 1/2", 17 LB/Ft @ 9466' 400 sxs. and 250 sxs TOC @ 3480'.
State "9" No. 2	D&A	8-6-74	4557'	7-27-74	1969'FNL 2000'FWL Sec. 9 T9S R33E	8 5/8" @ 336' cmt'd w/ 350 sxs. Cir. to surface. Hole is plugged.

RCM/rnb/1839F

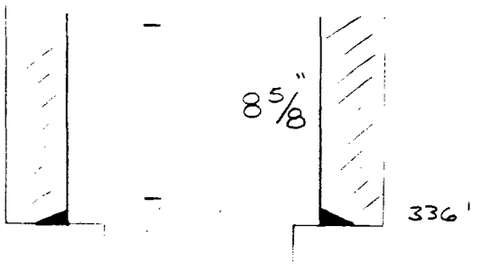
TENNECO OIL E. & P.

D & A
State "9" No. 2
Lea Co., New Mexico
Fly "M" Field

PRODUCTION DEPARTMENT

WELL PROFILE

LOCATION: 1969' FNL, 2000' FWL, S9, T9S, R33E, BY: JCM DATE: 3-15-83



4557'

ELEVATIONS:

K.B. to T.H. -
K.B. to GRD. -

SPUD 7-27-74
Completion Record 8-6-74

CASING DATA:

8 5/8" @ 336'. Cmt'd w/ 350 sxs.
Cmt'd to Surface.

TUBING SETTING:

DESCRIPTION	LENGTH	DEPTH

ROD DATA:

SIZE	LENGTH	NUMBER	TYPE

VERTICAL SCALE:

TENNECO OIL E & P

PRODUCTION DEPARTMENT

Coastal "A" State #2

WELL PROFILE

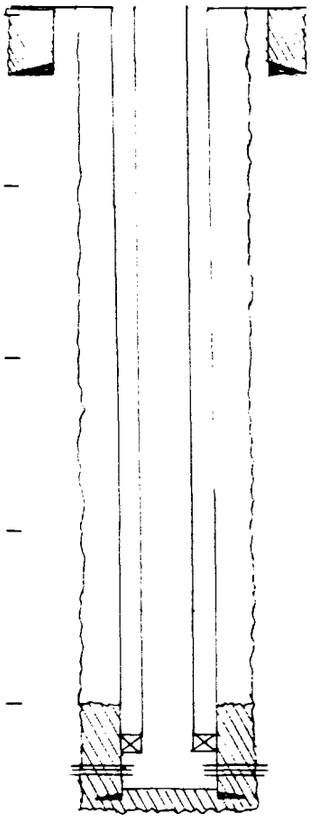
LOCATION 718 FNL, 2029 FEL, Sec. 9, T9S R33E BY: JMC DATE: 10-15-82

ELEVATIONS: 4389'KB

K.B. to T.H. -
K.B. to GRD. - 12'

CASING DATA:

9 5/8", 40# @ 350' w/375 sx. circulated to surface.
13 3/4" hole.
4 1/2", 10.5# set @ 4598' w/150 sx. 7 7/8" hole. TOC
4010'. Temp. survey
TD @ 4601'
PBTD @ 4579'



Field: Flying "M"
Injection Formation - San Andres
Perforations: 4458-75' (1 JSPF)
4485-90' (2 JSPF)
4508-28' (2 JSPF)

Original Purpose - Oil well

TUBING SETTING:

DESCRIPTION	LENGTH	DEPTH
2 3/8", 4.7# J-55	4425'	
internally plastic coated		
4 1/2" Guiberson Uni VI	5'	4430'
Packer-nickle plated		

ROD DATA: none

SIZE	LENGTH	NUMBER	TYPE

VERTICAL SCALE: 1" = 1000'

VII.

1. Average injection rate - 45 BPD; maximum injection rate - 50 BPD.

2. System is closed.

3. Average injection pressure - 500 psi; maximum injection pressure 750 psi.

VIII.

COASTAL STATE A-2

Name of Zone: San Andres

Lithology: Limestone with Dolomite and Anhydrite

Depth to Top of Formation: 3830'
Depth to Perforated Zone: 4458'

Thickness of formation: 1300'
Thickness of Porous Zone: 70'

This township is not within the boundaries of any presently defined underground water basin. According to Mr. Nelson of the State Engineer's office in Roswell, it is likely that usable volumes of potable water could be found in one or more of the following formations, all at a depth of less than 1000 feet, and probably less than 500 feet:

Alluvial deposits	Quatenary
Ogallala fm	Pliocene
Santa Rosa fm	Triassic

No fresh water sources are to be expected below the proposed injection zone.

IX. Pump 42 BBLS 15% NE HCL down tubing. Overflush with 20 BBLS KCL water.

X. Logs already on file

XI. Not applicable.

XII. There is no geologic evidence for open faults or other hydrologic connection between the San Andres formation and any shallow aquifers. Specifically, the presence of the Rustler Anhydrite (upper Permian), at a depth of around 2000 feet in this area, virtually assures a natural hydrologic seal.

0199B/dt

Welex

ACOUSTIC VELOCITY NEUTRON LOG

COMPANY Tenneco Oil Company
WELL Coastal States "A" # 2
FIELD Flying "M"
County Lea State N. M.

COMPANY TENNECO OIL COMPANY

WELL FILE

WELL COASTAL STATES "A" # 2

FIELD FLYING "M" (SAN ANDRES)

COUNTY LEA STATE NEW MEXICO

Location

718.5' FNL & 2088.7' FEL

Sec. 9 Twp 9-S Rge 33-E

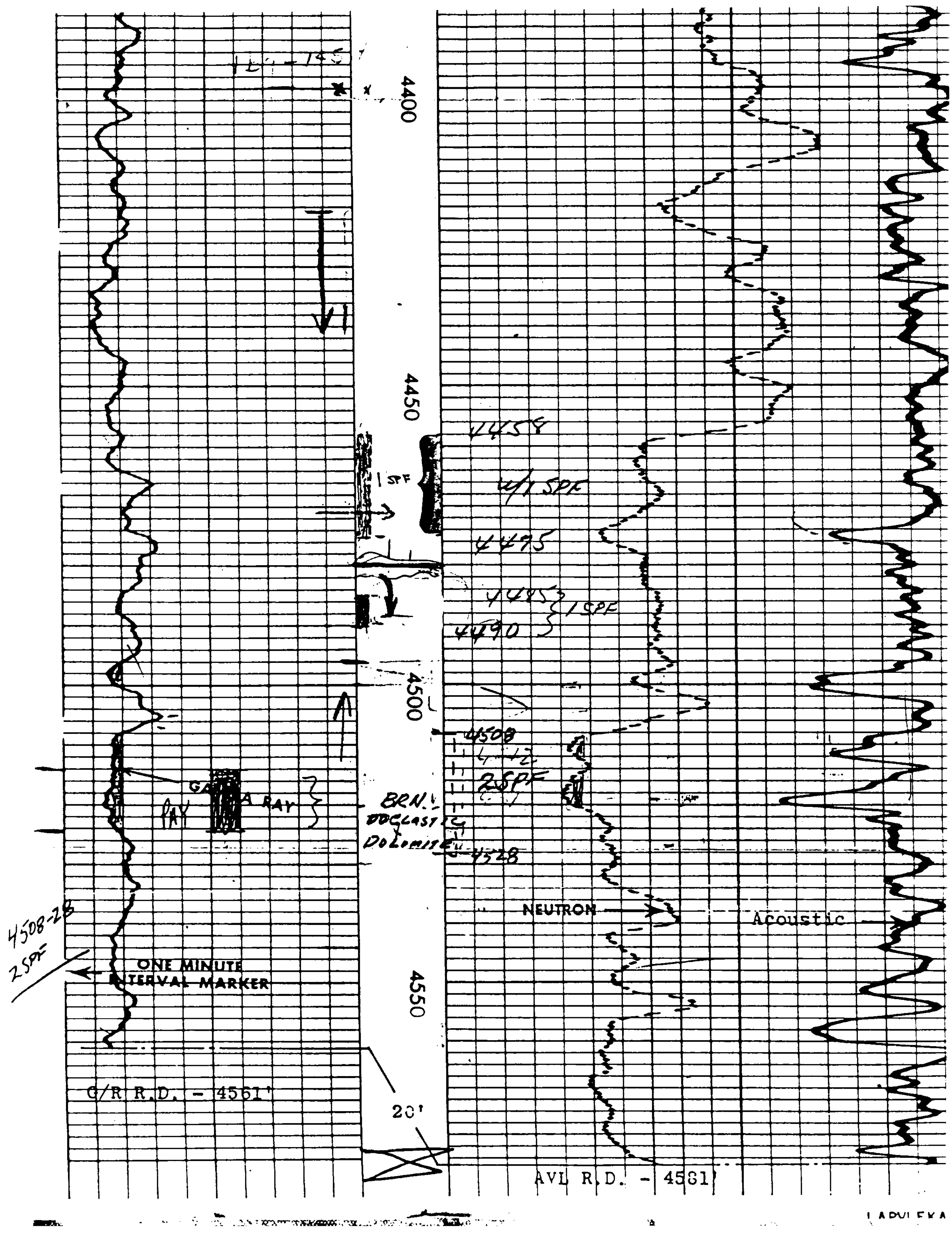
Other Services:

FF - MSG

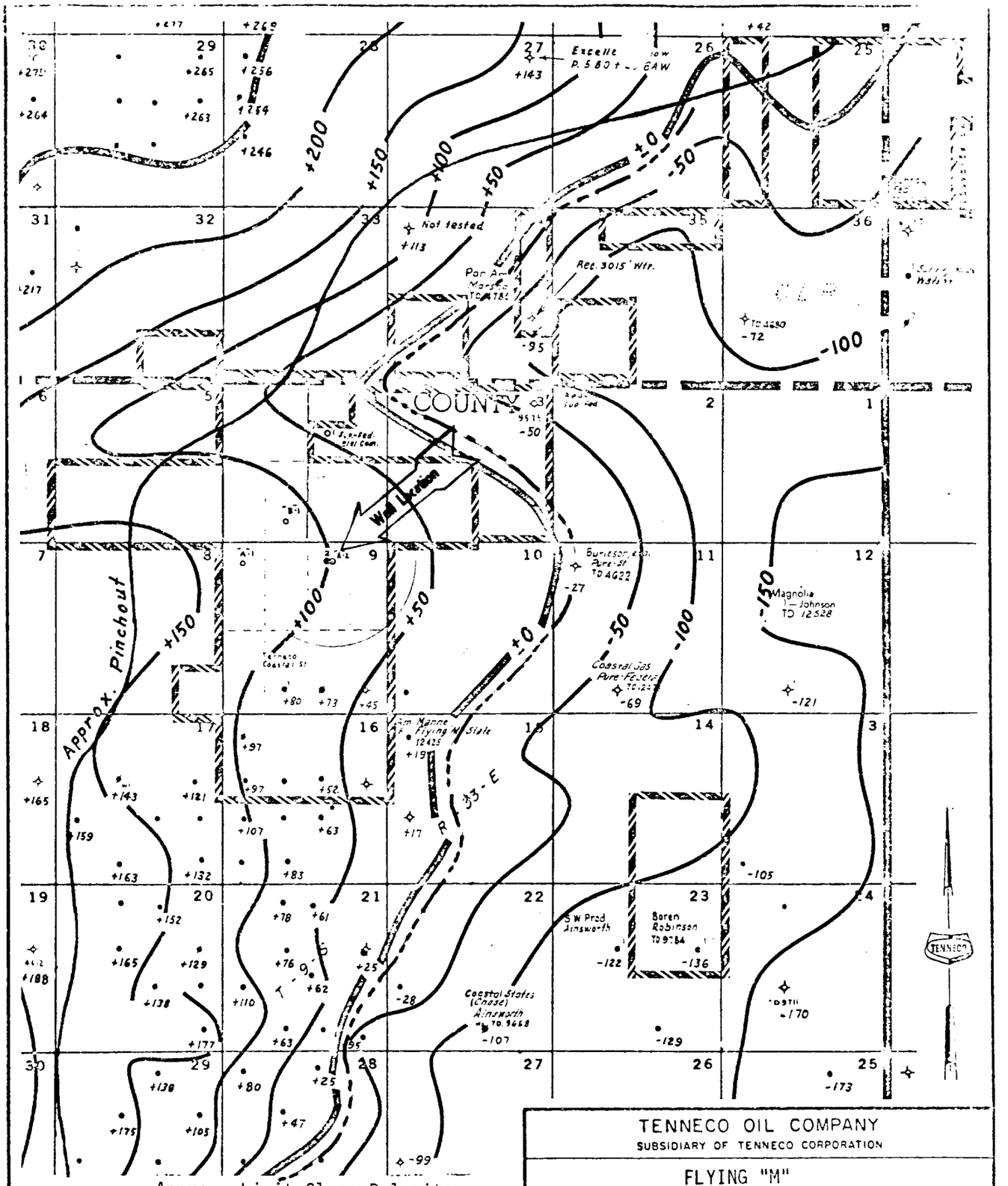
Permanent Datum Ground Level Elev. 4377'
Log Measured From K. B. - 17 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elev.: K.B. 4389'
D.F. 4387'
G.L. 4377'

Date	7/12/71			
Run No.	- One -			
Depth—Driller	4595			
Depth—Welex	4587			
Btm. Log Inter.	4581			
Top Log Inter.	3600			
Casing—Driller	8-5/8" @ 370	@	@	@
Casing—Welex				
Bit Size	7-7/8"			
Type Fluid in Hole	Salt Gel			
Dens. | Visc.	|	|	|	|
pH | Fluid Loss	| ml	| ml	| ml	| ml
Source of Sample				
R_m @ Meas.Temp.	@ °F	@ °F	@ °F	@ °F
R_{mf} @ Meas.Temp.	@ °F	@ °F	@ °F	@ °F
R_{mc} @ Meas.Temp.	@ °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	|	|	|	|
R_m @ BHT	@ °F	@ °F	@ °F	@ °F
Time Since Circ.				
Max. Rec. Temp.	°F @	°F @	°F @	°F @
Equip. | Location	7938 | Odessa	|	|	|
Recorded By	T. Runyan			
Witnessed By	Mr. Cunard			



4400
4450
4500
4550
4458
4495
4490
1 SPF
4508
2SPF
4528
NEUTRON
Acoustic
ONE MINUTE
INTERVAL MARKER
G/R R.D. - 4561'
20'
AVL R.D. - 4561'



Approx. Limit Clean Dolomite

Approx. Oil-Water Contact (-10)

TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION

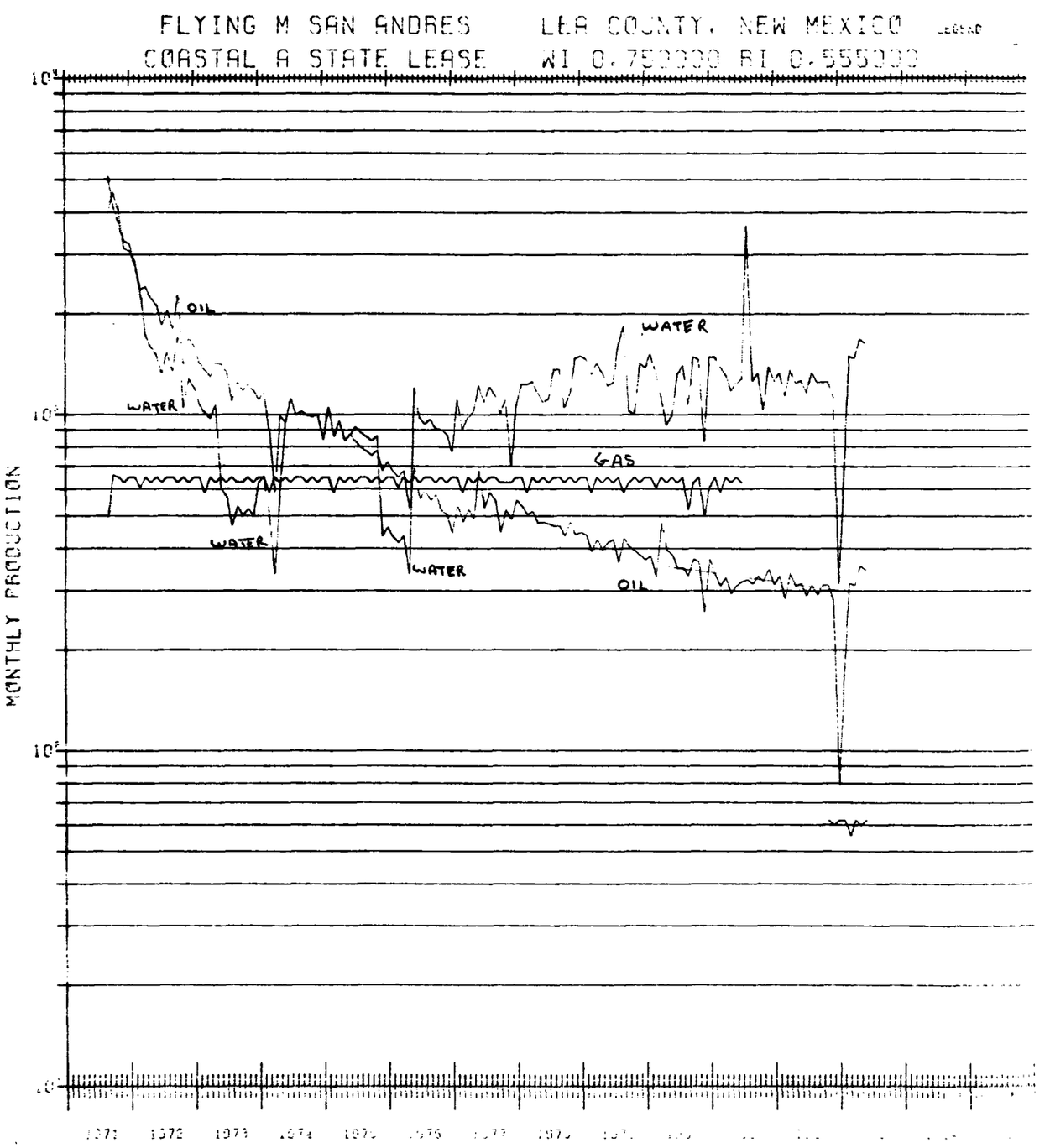
FLYING "M"
Lea & Chaves Co.'s, New Mexico

Structure Map
Top Pi Marker
C.I. = 50'

SCALE IN FEET
4000 2000 0 4000 8000

MIDLAND, TEXAS

6-28-71


FLYING M SAN ANDRES LEA COUNTY, NEW MEXICO
COASTAL A STATE LEASE WI 0.750000 RI 0.555000
MONTHLY PRODUCTION
OIL
WATER
WATER
GAS
WATER
WATER
OIL
1971
1972
1973

Coastal "A" State No. 2
Work Prognosis
Convert to SWD

---

1. MIRU PU.
2. POOH with rods and tubing.
3. Trip hole with bit and scrapper.
4. RIH with nickel plated Watson J-Lock compression packer. On-Off tool, and 4358' 2-3/8" J-55, 4.7 lb per ft. EUE -8rd plastic coated tubing.
5. Set packer.
6. Loadtubing annulus with 2% KCL water and 10 gallons of Nalco 3400 packer fluid.
7. Pressure test tubing annulus to 750 psi.
8. Pump 2 barrels Tretolite PD-33 and 2000 gallons 15% HCL with NE agents.
9. Flush acid system with formation water.
10. RU SWD system.

1546F/dt

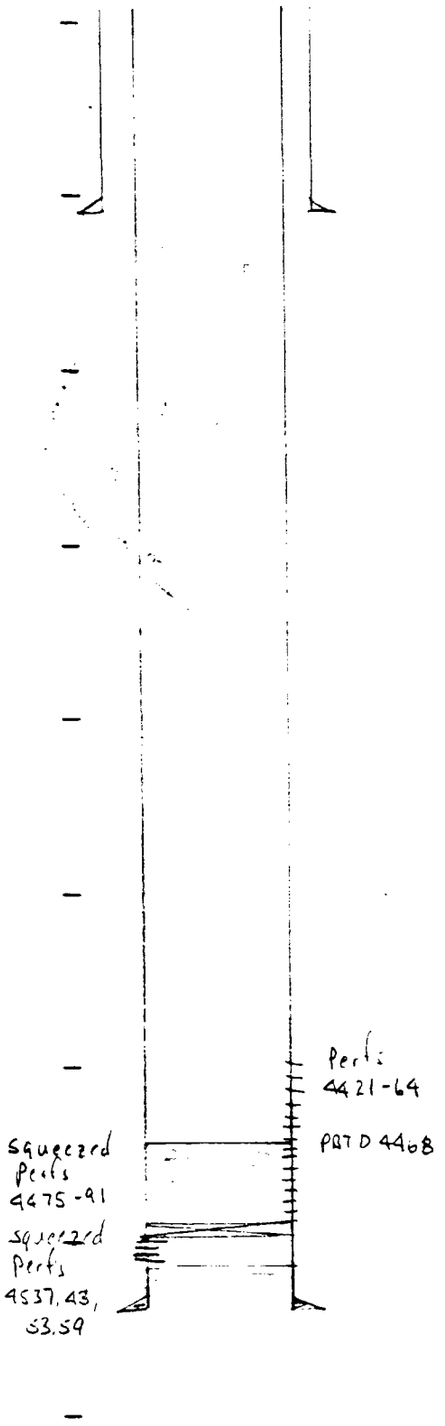
TENNECO OIL COMPANY PRODUCING DEPARTMENT

Coastal 'A' State #1
WELL PROFILE

LOCATION: Unit D 660 FNL & FWL Sec 9 T9S R33E BY: GTA DATE: 9/26/80

ELEVATIONS: 4364.5 GR

K. B. to T. H. —	
K. B. to GRD. —	



CASING DATA:

6/19/71 Spud
6/19/71 Set 12 3/4" 39# csg at 366 in 17½ hole cement circulated
7/1/71 set 5½ 17+15.5# J55 820 @ 4625 w/ 75 sx
TOC 4387 by Temp Surv.
PBTD 4468

TUBING SETTING:

DESCRIPTION	LENGTH	DEPTH
None		

ROD DATA: None

SIZE	LENGTH	NUMBER	TYPE

PUMP DATA :

None

PUMPING UNIT DATA :

MAKE – Cabot

SIZE – CT 16 LM 30 DC

MAXIMUM STROKE – 64, 52, 40, 28

MAXIMUM SPM –

PPRL 16000#

Peak Torque 168 [illegible] "#

PRIME MOVER :

MAKE – None

MODEL –

MAXIMUM HP –

MAXIMUM RPM –

REMARKS :

7/3/71 Perf 4537, 43, 53, 59 w/ 2 JSPF – treat w/ 500 gal 15% HCl
AIR 1/4 BPM, AIP 1550 psi, ISIP 1600 psi 15 min SIP 1100 psi
Swab Load fluid + no shows

7/4 Set retainer @ 4525 + squeeze perfs w/ 40 sx to 2000 psi

7/4 Perf 4425, 29, 36, 37, 38, 39, 56, 57, 59, 65, 75, 76, 80, 83, 89, 91
w/ 2 JSPF – treat w/ 750 gal 15% HCl @ 4/10 BPM +
1300 psi – Swab load + oil

7/5 Put on pump 3 BO + 85 BWPD

7/21 treat w/ 1500 gal 20% Acid – 3 stages w/ BA flakes 1/2 BPM 1600 psi.
production test 6 BO + 46 BWPD

[illegible] [illegible] SKH-I + [illegible] kerosene – Had
communications around packer [illegible]

9/30/[illegible] Squeeze [illegible] (BJ) [illegible]
perfs [illegible] [illegible] Later

[illegible] [illegible] to [illegible] w/ sand to seal [illegible] between perfs

[illegible] [illegible] 3, 45 w/ 2 JSPF – [illegible]
[illegible] acid in [illegible] w/ [illegible] + [illegible]

[illegible] – TH [illegible]

ILLEGIBLE

TENNECO OIL COMPANY PRODUCING DEPARTMENT

Coastal "A" Well #2

WELL PROFILE

LOCATION: 718 FNL, 2029 FEL, Sec 9, T9S, R33E BY: MHF DATE: 6-23-80

ELEVATIONS: 4389 KB Datum 12' A/GL

K. B. to T. H. —	
K. B. to GRD. —	12'

CASING DATA :

9 5/8" 40# csa 350' w/375 sx circ	13 3/4 hole
4 1/2" 10.5# csa 4598' w/150 sx	7 7/8" hole
TOC 4010'	
TD 4601 PB 4579	

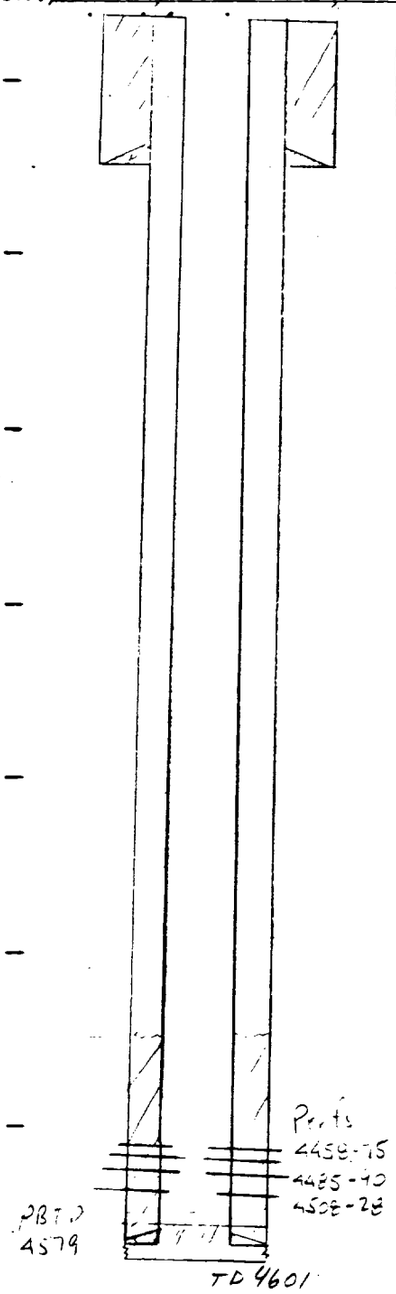
TUBING SETTING : None

DESCRIPTION	LENGTH	DEPTH
Some Austin formation		

ROD DATA : None

SIZE	LENGTH	NUMBER	TYPE

VERTICAL SCALE :



perfs
4458 -75
4485 -90
4502 - 28

ILLEGIBLE

PUMP DATA :

PUMPING UNIT DATA :

MAKE –

SIZE –

MAXIMUM STROKE –

MAXIMUM SPM –

PRIME MOVER :

MAKE –

MODEL –

MAXIMUM HP –

MAXIMUM RPM –

REMARKS :

2/1/71 spud

2/25/71 well complete IP 42 BOPD, 12.6 MCF gas, 112 BWPD
perf 4458-75 4485-90 1 JSPF ½"
acidize w/1500 gal 20% CRA + 3bbl H Conserve in 3 stages

1-72 perf 4508-4528 w/ 2½" JSPF
acidize w/ 1000 gal 20% CRA acid

3-72 Uneconomical production rate less than 2 BOPD
Shut In

5/73 Consider converting to SWD in San Andres

ILLEGIBLE

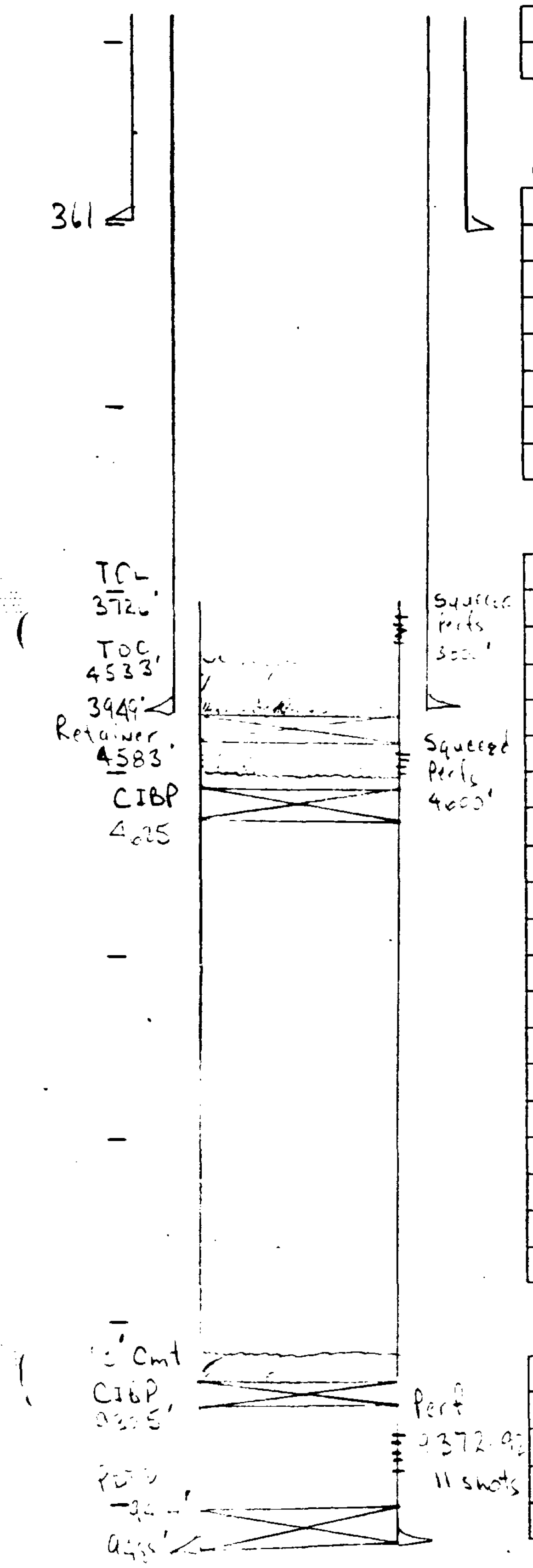
Coastal State #2

WELL PROFILE

LOCATION: U + B 660 FNL 1980 FEL Sec 9 T9S R33E Lea County BY: GTH DATE: 9/17/80

ELEVATIONS: 4377 'GL 4390' KB

K.B. to T.H. —	
K.B. to GRD. —	



CASING DATA:

5/13/71 13 3/8 54.50 # J55 @ 361 ft in
17 1/2" hole Cmt Circulate
5/18/71 8 5/8 24 & 32 # K55 @ 3949 in
11" hole TOC @ 1440 by Temp Survey
6/12/71 5 1/2 17 # J55 + N80 @ 9455 in
7 7/8" hole TOL @ 3726 TOC
@ 7790 by Temp Survey

TUBING SETTING: None

DESCRIPTION	LENGTH	DEPTH

ROD DATA: None

SIZE	LENGTH	NUMBER	TYPE

ILLEGIBLE

UMP DATA : None

UMPING UNIT DATA : None

AKE –

IZE –

AXIMUM STROKE –

AXIMUM SPM –

RIME MOVER : None

AKE –

ODEL –

AXIMUM HP –

AXIMUM RPM –

EMARKS :

Perforated 9372-92 w/1 Jet Shot/2 ft (11 holes)

6/19/71 [illegible] 300[illegible] (2-1500 [illegible]) 20% [illegible] [illegible] 4500 BHF

Treating Pressure [illegible] -2000 psi ISIP 300 psi to vac in 1 min

Average rate [illegible] BPM

7/2/71 IP [illegible] 114 BO, 273 BW, 207 MCF in 24 hrs on pump

Prod. [illegible] declined to 3[illegible] BO [illegible] 4[illegible] [illegible]

[illegible]/71 [illegible] BHP [illegible] [illegible] psi

8/[illegible]/71 [illegible] 11½ hrs - Final Fluid level 9000' - [illegible]

9/6/71 BHP 45[illegible] psi Shut in

9/1[illegible]/71 BHP 454 psi Shut in

11/9/71 Set BP @ 9325' w/ 13 ft of cement on top - set BP @ 4[illegible]5'

Perforated [illegible] [illegible] [illegible] 3800 - set Retainer @ 4553'

[illegible] cemented upper portion of liner w/ 73 sx class H.

Squeeze bottom perfs to 2000 psi, top to 1000 psi TOC

@ 4533 –

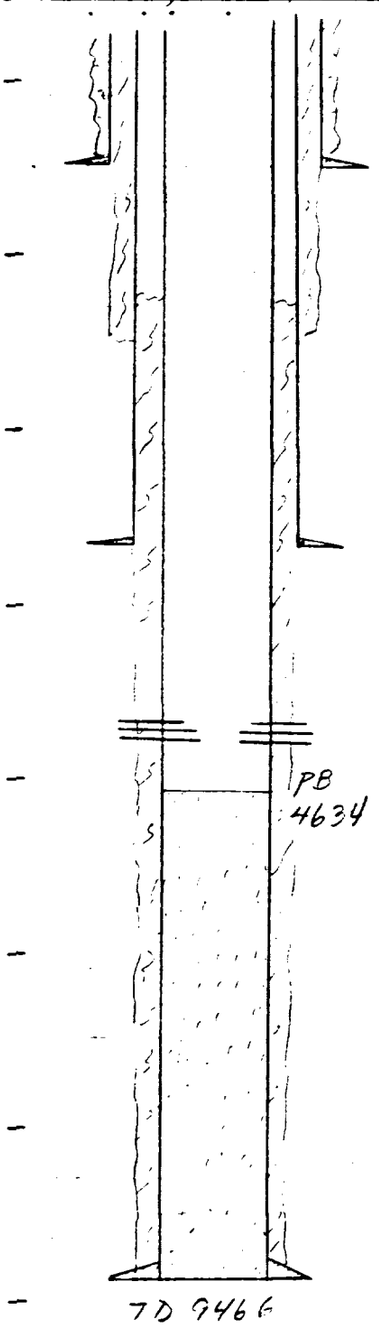
ILLEGIBLE

TENNECO OIL COMPANY PRODUCING DEPARTMENT

Coastal 'A' State #2

WELL PROFILE

LOCATION: 820 FWL, 760 FSL, Sec 21, T9S, R33E BY: MHF DATE: 6-23-80



producing perfs
4485, 95, 99, 4508, 13, 16

Squeezed perfs
9329-49

ELEVATIONS: 4385 GL

K.B. to T.H. —	4400 KB
K.B. to GRD. —	

CASING DATA:

13 3/8" 48# csa 351 w/ 375 sx circ	17 1/2" hole
8 5/8" 32# csa 3950' w/ 950 sx 50-50 per-Flex TOC 1900'	11" hole
5 1/2 17# csa 9466 w/ 400 sx 1st stage, 2nd stage 250 sx TOC 3480' TD 9466 PB 4634	7 7/8" hole

TUBING SETTING:

DESCRIPTION	LENGTH	DEPTH
2 7/8 EUE		9375
San Andres formation		

ROD DATA:

SIZE	LENGTH	NUMBER	TYPE
7/8"	1650		
3/4	2750		

VERTICAL SCALE:

PUMP DATA :

PUMPING UNIT DATA :

MAKE –

SIZE –

MAXIMUM STROKE –

MAXIMUM SPM –

PRIME MOVER :

MAKE –

MODEL –

MAXIMUM HP –

MAXIMUM RPM –

REMARKS :

12-9-70 opn'd
IP 115 BOPD 6 BWPD, 36.8 MCF gas

1-22-71 PBTD 9423 clnt in WIH w/ 4 3/4" bit
perf w/ 1 JSPF at 9349-9329, acidize w/ 3000 gal
15% HCl in 3-1000 gal stages using 400# Rock Salt
8-3-71 perf 4485, 95, 97 1/2, 4508, 13, 16 w/ 2 JSPF
8-4-71 PBTD 4634 acidize perfs 4485-4516 w/ 1500 gal
IP for upper perfs 17 1/2 BPH

Coastal State #2

WELL PROFILE

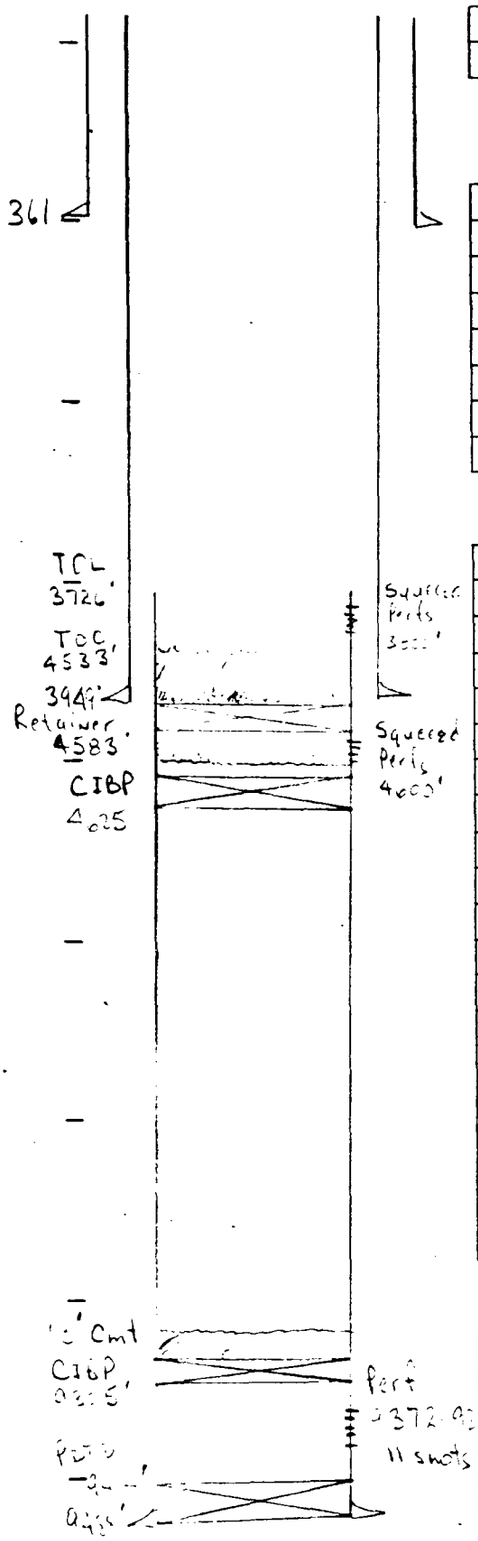
LOCATION: U + B 660 FNL 1980 FEL Sec 9 T9S R33E Lea County BY: GTH DATE: 9/17/80

ELEVATIONS: 4377 'GL 4390' KB

K.B. to T.H. —	
K.B. to GRD. —	

CASING DATA:

5/13/71	13 3/8 54.5# J55 @ 361 ft in 17½" hole Cmt Circ to surf
5/18/71	8 5/8 24 & 32# K55 @ 3949 in 11" hole TOC @ 1440 by Temp Survey
6/12/71	5½ 17# J55 & N80 @ 9455 in 7⅞" hole TOL @ 3726 TOC @ 7790 by Temp Survey



TUBING SETTING: None

DESCRIPTION	LENGTH	DEPTH

ROD DATA: None

SIZE	LENGTH	NUMBER	TYPE

ILLEGIBLE

PUMP DATA :

PUMPING UNIT DATA :

MAKE –

SIZE –

MAXIMUM STROKE –

MAXIMUM SPM –

PRIME MOVER :

MAKE –

MODEL –

MAXIMUM HP –

MAXIMUM RPM –

REMARKS :

7/1/71 spud

7/25/71 well completed IP 42 BOPD, 12.6 MCF gas, 112 BWPD
perf 4458-75 4485-90 1 JSPF ½"
acidize w/1500 gal 20% CRA + 300 # Rock Salt in 2 stages

1-72 perf 4508-4528 w/ 2 ½" JSPF
acidize w/ 1000 gal 20% CRA acid

3-72 Uneconomical production rate less than 2 BOPD
Shut In

5/73 Consider converting to SWD in San Andres

ILLEGIBLE

TENNECO OIL COMPANY

PRODUCING DEPARTMENT

RECEIVED

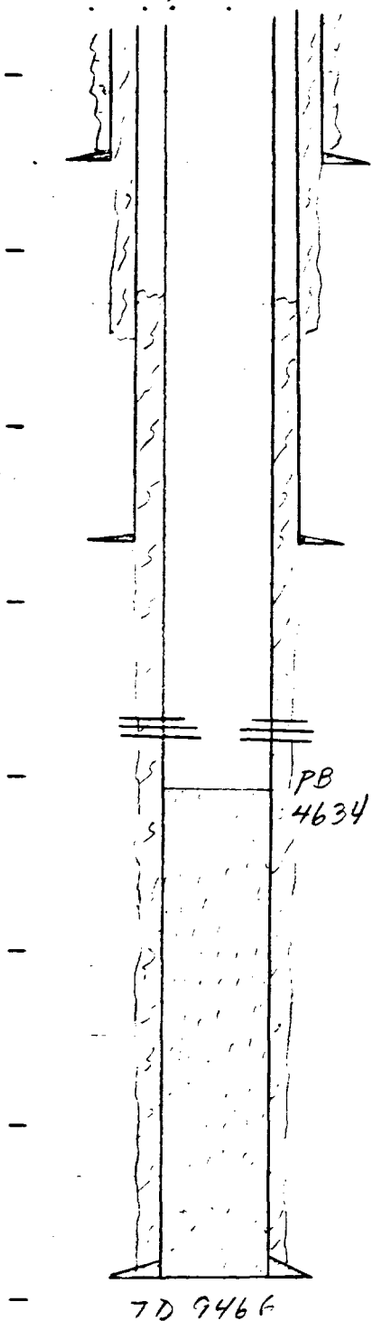
APR 23 1984

OIL CONSERVATION DIVISION

Coastal 'A' State #2

WELL PROFILE

LOCATION: 1420 FWL, 760 FSL, Sec 21, T9S, R33E BY: MHE DATE: 6-23-80



producing perfs
4485, 95, 99, 4508, 13, 16

Squeezed perfs
9329-49

ELEVATIONS: 4385 GL

K.B. to T.H. —	4400 KB
K.B. to GRD. —	

CASING DATA:

13 3/8" 48# csa 351 w/ 375 sx circ	17 1/2" hole
8 5/8" 32# csa 3950' w/ 950 sx 50-50 per DV tool TOC 1900'	11" hole
5 1/2 17# csa 9466 w/ 400 sx 1st stage, 2nd stage 250 sx TOC 3480' TD 9466 PB 4634	7 7/8" hole

TUBING SETTING:

DESCRIPTION	LENGTH	DEPTH
2 7/8 EUE		9375
San Andres formation		

ROD DATA:

SIZE	LENGTH	NUMBER	TYPE
7/8	1650		
3/4	2750		

VERTICAL SCALE:

UMP DATA : None

UMPING UNIT DATA : None

AKE –

IZE –

AXIMUM STROKE –

AXIMUM SPM –

RIME MOVER : None

AKE –

ODEL –

AXIMUM HP –

AXIMUM RPM –

EMARKS :

Perforate 9372-92 w/ 1 Jet Shot/2 ft (11 holes)

6/19/71 A[illegible] w/ 3[illegible] (2-1500 [illegible]) 20% Retarded [illegible] + [illegible] BHF

Treating Pressure [illegible] -2000 psi ISIP 200 psi to vac in 1 min

Average rate [illegible] BPM

7/2/71 IP test 114 BO, 273 BW, 267 MCF in 24 hrs on pump

Prod[illegible] declined to 3[illegible] B[illegible] [illegible] 4[illegible] [illegible]

[illegible]/71 [illegible] B[illegible]P [illegible] [illegible] psi

8/[illegible]/71 Swabbed 11½ hrs - Final Fluid level 9000' - Recovered [illegible]

9/6/71 BHP 45[illegible] psi Shut in

9/14/71 BHP 45[illegible] psi Shut in

11/9/71 Set BP @ 9325' w/ 13 ft of cement on top - Set BP @ 4[illegible]5'

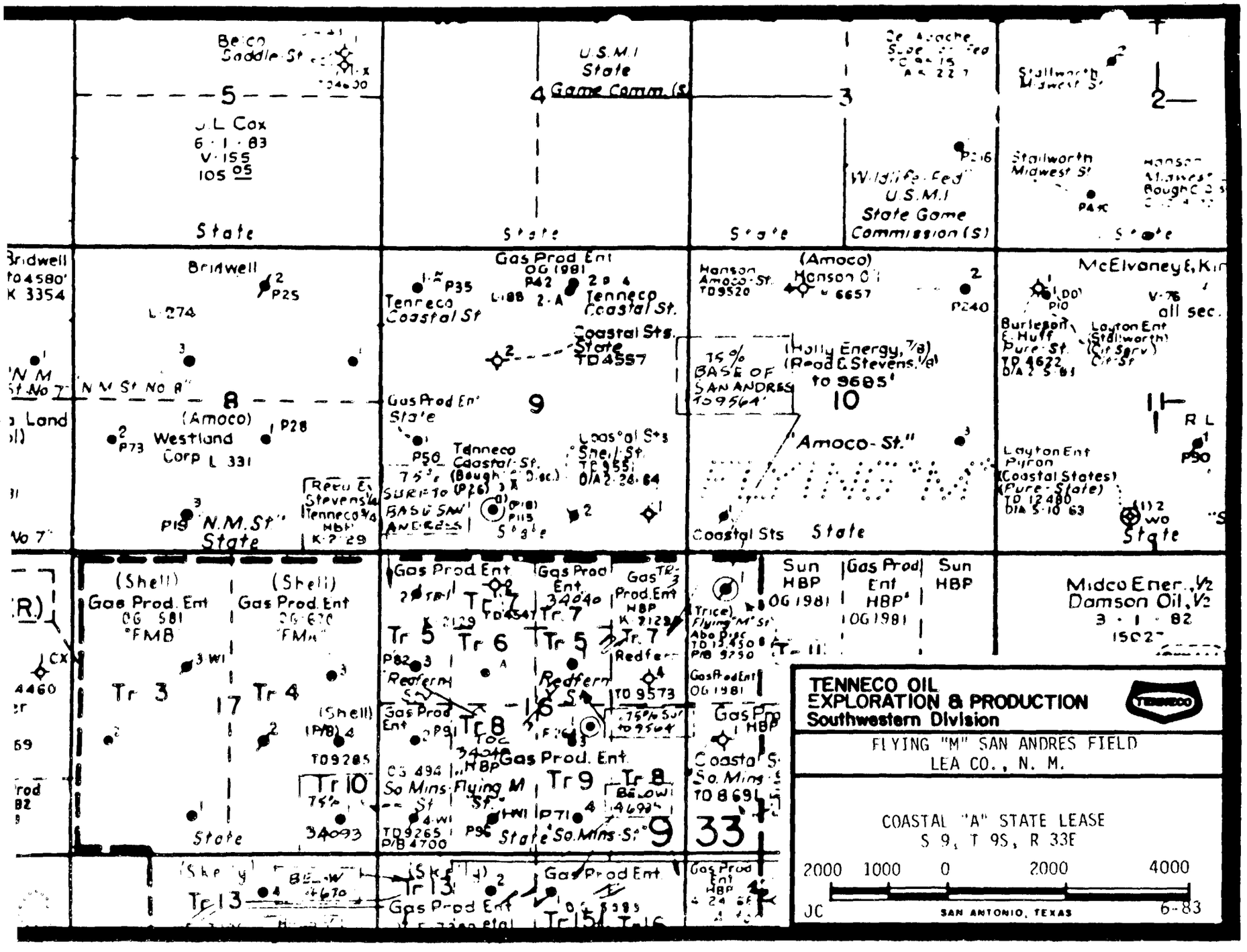
Perforated [illegible] [illegible] 3800 - set Retainer @ 4553'

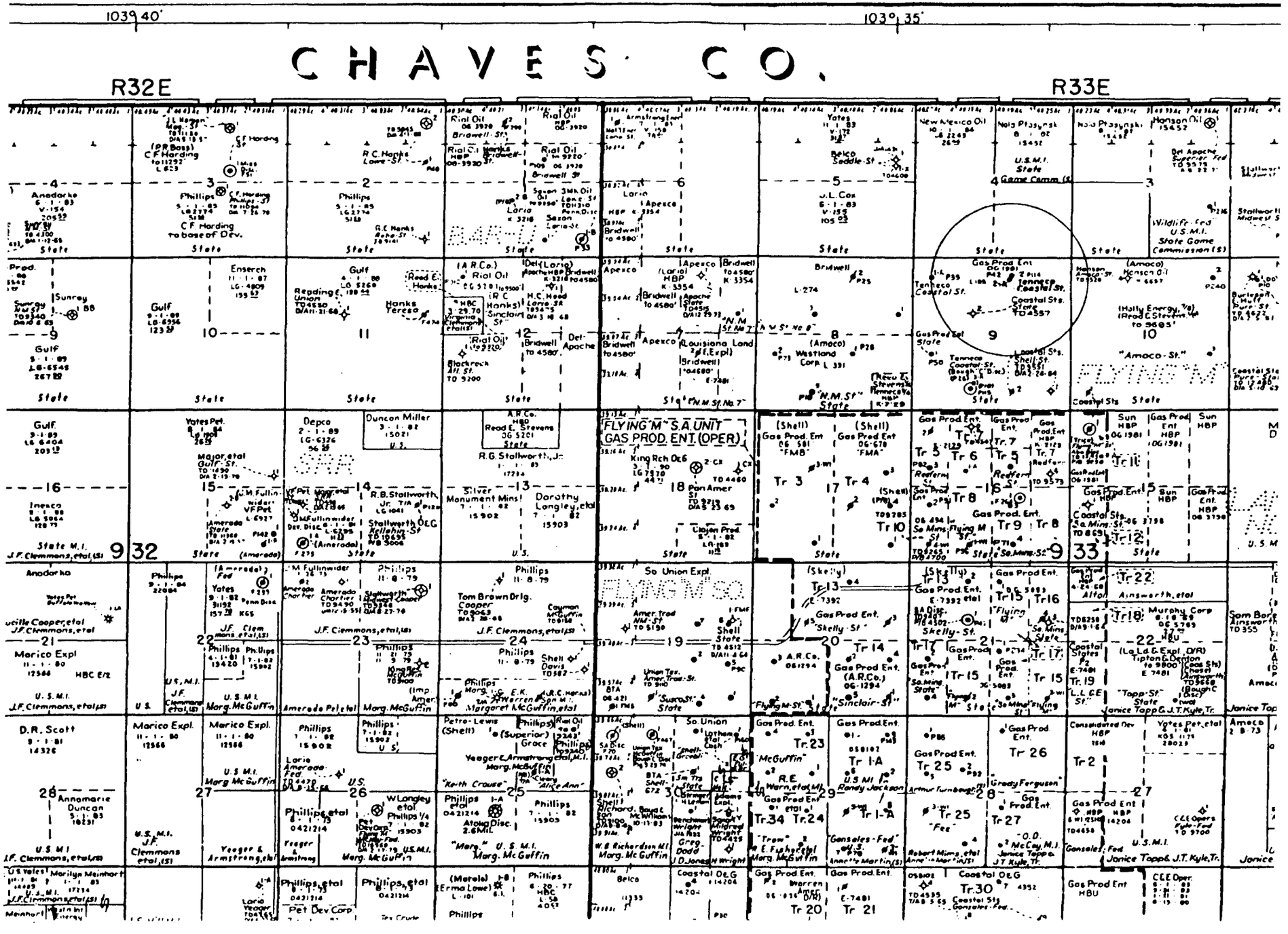
and cemented upper portion of liner w/ 73 sx class H.

Squeeze bottom perfs to 2000 psi, top to 1000 psi TOC

@ 4533 –

ILLEGIBLE


Belco
Saddle St
5
J L Cox
6-1-83
V-155
105 05
State
U.S.M.I
State
4 Game Comm. (S)
State
3
Wildlife Fed
U.S.M.I
State Game
Commission (S)
Stallworth
Midwest St
2
Stallworth
Midwest St
P4
State
Bridwell
to 4580'
K 3354
Bridwell
P25
L-274
N M St No 7
N M St No 8
8
(Amoco)
Westland
Corp L 331
P28
P73
P18
N.M.St
State
Reed Et
Stevens 1/4
Tenneco 3/4
HBP
K-7-29
Gas Prod Ent
OG 1981
P42
P35
Tenneco
Coastal St
L-188 2-A
Tenneco
Coastal St.
Coastal Sts.
State
TD 4557
Gas Prod Ent
State
9
P50
Tenneco
Coastal St.
75% (Bough C Dec.)
SURF TO (P26) 3 A
BASE SAN
ANDRES
P18
P115
State
Coastal Sts
Shell St
TD 9551
D/A 2-28-64
2
Hanson
Amoco-St.
TD 9520
(Amoco)
Hanson Oil
6657
P240
75%
BASE OF
SAN ANDRES
TD 9564'
(Holly Energy, 7/8)
(Read & Stevens, 1/8)
to 9685'
10
"Amoco-St."
Coastal Sts
State
McElvaney E, Kin
P10
V-76
all sec.
Burleson
& Huff
Pure St.
TD 4622
D/A 2-5-63
Layton Ent
(Stallworth)
(Oil Serv)
Oil St
11
R L
P50
Layton Ent
Pipron
(Coastal States)
(Pure-State)
TD 12480
D/A 5-10-63
(1) 2
wo
State
(Shell)
Gas Prod. Ent
OG 581
"FMB
(Shell)
Gas Prod. Ent
OG 620
"FMA"
3 WI
Tr 3
17
Tr 4
(Shell)
P18
4
TD 9285
Tr 10
75%
34093
State
Gas Prod Ent
Gas Prod Ent
Gas Prod Ent
Tr 7
TD 9547
Tr 7
34040
Tr 5
Tr 6
Tr 5
Tr 7
Redfern
P82
3
Redfern
Redfern
4
TD 9573
75% Surf
to 9564
Gas Prod Ent
P91
Tr 8
Toc
34040
Gas Prod. Ent
OG 494
So Mins Flying M
St
4 WI
TD 9265
P/B 4700
Tr 9
Tr 8
BELOW
4699
P71
4
P96
State
So. Mins St
9
Sun
HBP
OG 1981
Gas Prod
Ent
HBP
OG 1981
Sun
HBP
(Trice)
Flying "M" St
Abo Prod
TD 13,450
P/B 9790
Gas Prod Ent
OG 1981
Gas Prod
HBP
Coasta S
So. Mins
TD 8691
33
Midco Ener. 1/2
Damson Oil, 1/2
3-1-82
1502'
(Shell)
Tr 13
BELOW
4670
Gas Prod Ent
Tr 13
Gas Prod Ent
Tr 15
Tr 16
Gas Prod Ent
HBP
TENNECO OIL
EXPLORATION & PRODUCTION
Southwestern Division
FLYING "M" SAN ANDRES FIELD
LEA CO., N. M.
COASTAL "A" STATE LEASE
S 9, T 9S, R 33E
2000 1000 0 2000 4000
JC
SAN ANTONIO, TEXAS
6-83


103° 40'
103° 35'
CHAVES CO.
R32E
R33E
FLYING M S.A. UNIT
GAS PROD. ENT. (OPER)
FLYING M SO
Amoco-St.
Tapp-St.
Flying M-St.
Skelly-St.
Sinclair-St.
Suntex-St.
Sunray-St.
Major, etal
Gulf-St.
Yates Pet.
Depco
Duncan Miller
R.B. Stallworth, Jr. T/A
Stallworth O&G
Kellahin-St.
R.G. Stallworth, Jr.
Silver Monument Mins.
Dorothy Langley, etal
Tom Brown Drlg.
Cooper
Texaco
Shell
Davis
Petro-Lewis (Shell)
Yeager & Armstrong, etal
Keith Crouse
Alice Ann
Phillips etal
Atoka Disc. 2.6 Mi.
Marg. McGuffin
Amerada Pet. etal
Amerada Charter
J.F. Clemmons, etal
J.F. Clemmons etal (S)
U.S.M.I.
State
U.S.
Anadarko
Marico Expl.
D.R. Scott
Annamarie Duncan
Merilyn Meinhart
Meinhart
Ineneo
Gulf
Sunray
Enserch
Hanks
Teresa
Reading & Union
Read & Hanks
Apache
Bridwell
Louisiana Land & Expl.
Westland Corp.
Tenneco Coastal St.
Coastal Sts.
Shell St.
Redfern
Sun
Gas Prod. Ent.
Gas Prod. Ent. HBP
Aimsworth, etal
Murphy Corp.
Tipton & Denton
Janice Tapp & J.T. Kyle, Tr.
Janice Tapp
Yates Pet. etal
Amoco
Sam Boyd
Warren Amerada
Coastal O&G
Tr 1
Tr 2
Tr 3
Tr 4
Tr 5
Tr 6
Tr 7
Tr 8
Tr 9
Tr 10
Tr 11
Tr 12
Tr 13
Tr 14
Tr 15
Tr 16
Tr 17
Tr 18
Tr 19
Tr 20
Tr 21
Tr 22
Tr 23
Tr 24
Tr 25
Tr 26
Tr 27
Tr 30
Tr 34
Fee
Gonsales-Fed
Greg Dodd
J.D. Jones
Wright
Greg Ferguson
Robert Mims, etal
Armstrong (D/A)
Warren Amerada (D/A)
Shell (D/A)
Phillips (D/A)
Pet Dev Corp
Lario
Apeco
Saxon
Sinclair
Texaco
Gulf
Phillips
Shell
Union Tex.
Amer. Trad.
Cayman
Mesa
Penn Dixie
Wildlife Fed.
Game Comm. (S)
Hanson Oil
Nola Prasynski
New Mexico Oil
Belco
Saddle-St.
Bridwell-St.
Lario-St.
Apeco-St.
Hanks-St.
Sinclair-St.
Suntex-St.
Flying M-St.
Skelly-St.
Tapp-St.
Amoco-St.
Coastal Sts.
Sa. Mins.-St.
Redfern
Aimsworth, etal
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Tr 1
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Tr 7
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Tr 10
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Tr 13
Tr 14
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Tr 23
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Hanson Oil
Nola Prasynski
New Mexico Oil
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Saddle-St.
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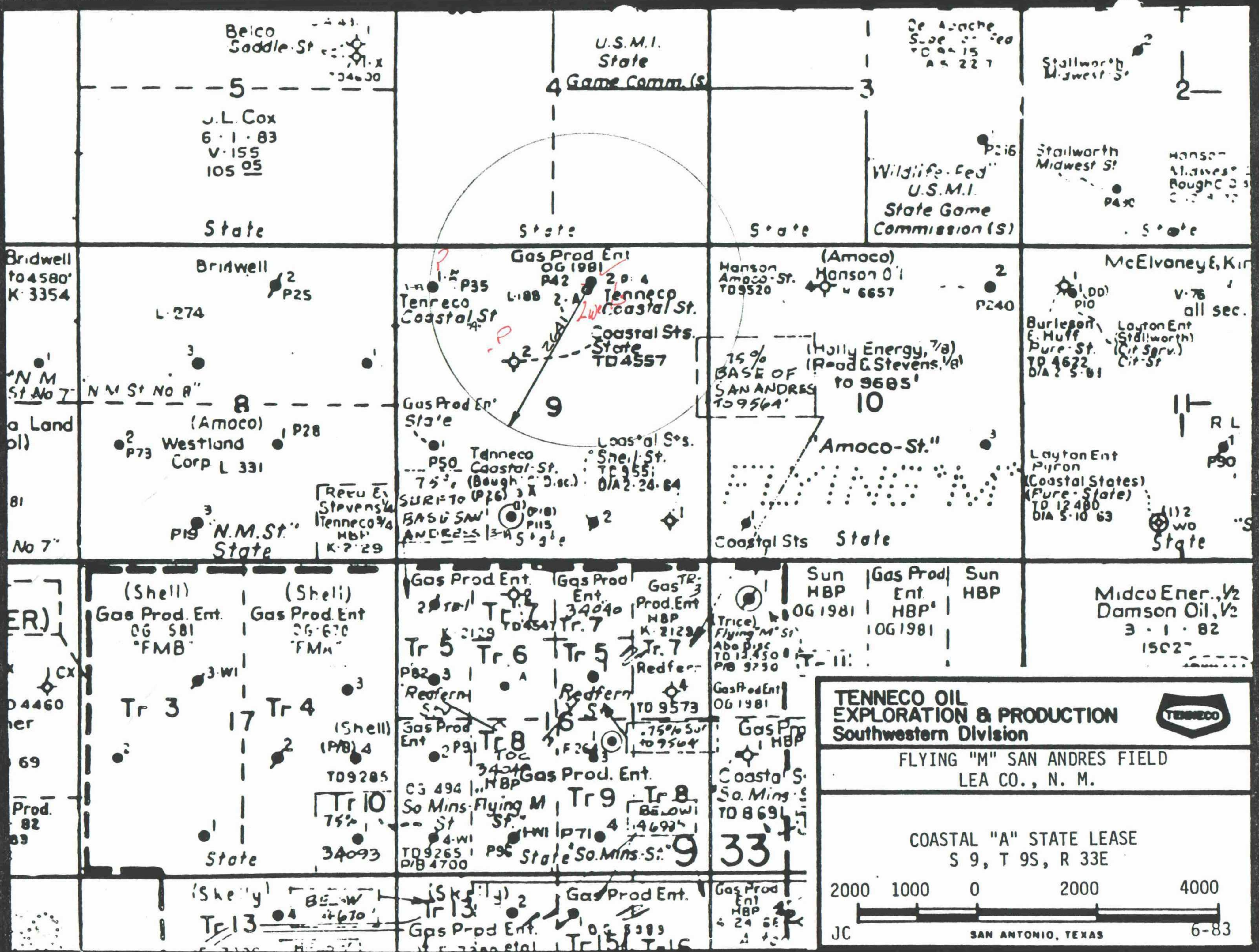
Sinclair-St.
Suntex-St.
Flying M-St.
Skelly-St.
Tapp-St.
Amoco-St.
Coastal Sts.
Sa. Mins.-St.
Redfern


Belco
Saddle St
5
J.L. Cox
6 · 1 · 83
V·155
105 05
State
4
U.S.M.I.
State
Game Comm.(S)
State
3
State
Wildlife Fed
U.S.M.I.
State Game
Commission (S)
Stallworth
Midwest St
2
Stallworth
Midwest St
State
Bridwell
to 4580'
K 3354
Bridwell
P25
L·274
N M St No 7
N M St No 8
8
(Amoco)
Westland
Corp L 331
N.M.St.
State
Gas Prod Ent
OG 1981
P42
P35
Tenneco
Coastal St
Tenneco
Coastal St.
Coastal Sts.
State
TD 4557
9
Gas Prod Ent
State
Tenneco
Coastal St.
Coastal Sts.
Shell St.
Hanson
Amoco St.
TD 9520
(Amoco)
Hanson Oil
P240
15%
BASE OF
SAN ANDRES
(Holly Energy, 7/8)
(Read & Stevens, 1/8)
to 9685'
10
"Amoco-St."
FLYING "M"
Coastal Sts
State
McElvaney & Kin
all sec.
Burleson & Huff
Pure St.
Layton Ent
(Stallworth)
Layton Ent
Pyron
(Coastal States)
(Pure State)
TD 12480
D/A 5·10 63
State
R L
P50
(Shell)
Gas Prod. Ent.
OG 581
"FMB"
(Shell)
Gas Prod. Ent
OG 670
"FMA"
Tr 3
17
Tr 4
(Shell)
Tr 10
34093
State
Gas Prod Ent.
Tr 5
Tr 6
Tr 7
Tr 5
Tr 7
Redfern
Tr 8
16
Gas Prod. Ent.
Tr 9
Tr 8
So Mins Flying M St
So.Mins.St.
9
33
Coastal S.
So. Mins.
TD 8691
Gas Prod Ent
OG 1981
Sun
HBP
OG 1981
Gas Prod
Ent
HBP
OG 1981
Sun
HBP
Midco Ener., 1/2
Damson Oil, 1/2
3 · 1 · 82
Tr 13
Tr 13
Gas Prod Ent.
Tr 15
Tr 16

TENNECO OIL EXPLORATION & PRODUCTION
Southwestern Division

FLYING "M" SAN ANDRES FIELD
LEA CO., N. M.

COASTAL "A" STATE LEASE
S 9, T 9S, R 33E

2000 1000 0 2000 4000

JC SAN ANTONIO, TEXAS 6-83

WELL HISTORY: COASTAL "A" STATE #2

The Coastal "A" State #2 was spudded on July 1, 1971. Initial production was 42 BOPD, 12.6 MCFD gas and 112 BWPD after completion on July 25, 1971. The casing was perforated from 4458'-75' and 4485'-90' with one JSPF (22 holes of 1/2" dia.) After perforating, the well was acidized with 1500 gallons of 20% CRA acid plus 300 lbs. Benzoic in three stages.

During January 1972, the well was perforated from 4508'-4528' with two (2) 1/2" JSPF. The well was then acidized with 1000 gallons 20% CRA acid. Average production was less than 2 BOPD, therefore the well was shut-in for uneconomical production in March 1972.

0176B