B.B.C Inc.

S.W.D Application

Case 8346

For the Examiner:

By: Larry Brooks.

Gilbert,

for your info

Larry Brooks

Memo

From
Larry Brooks
Geologist

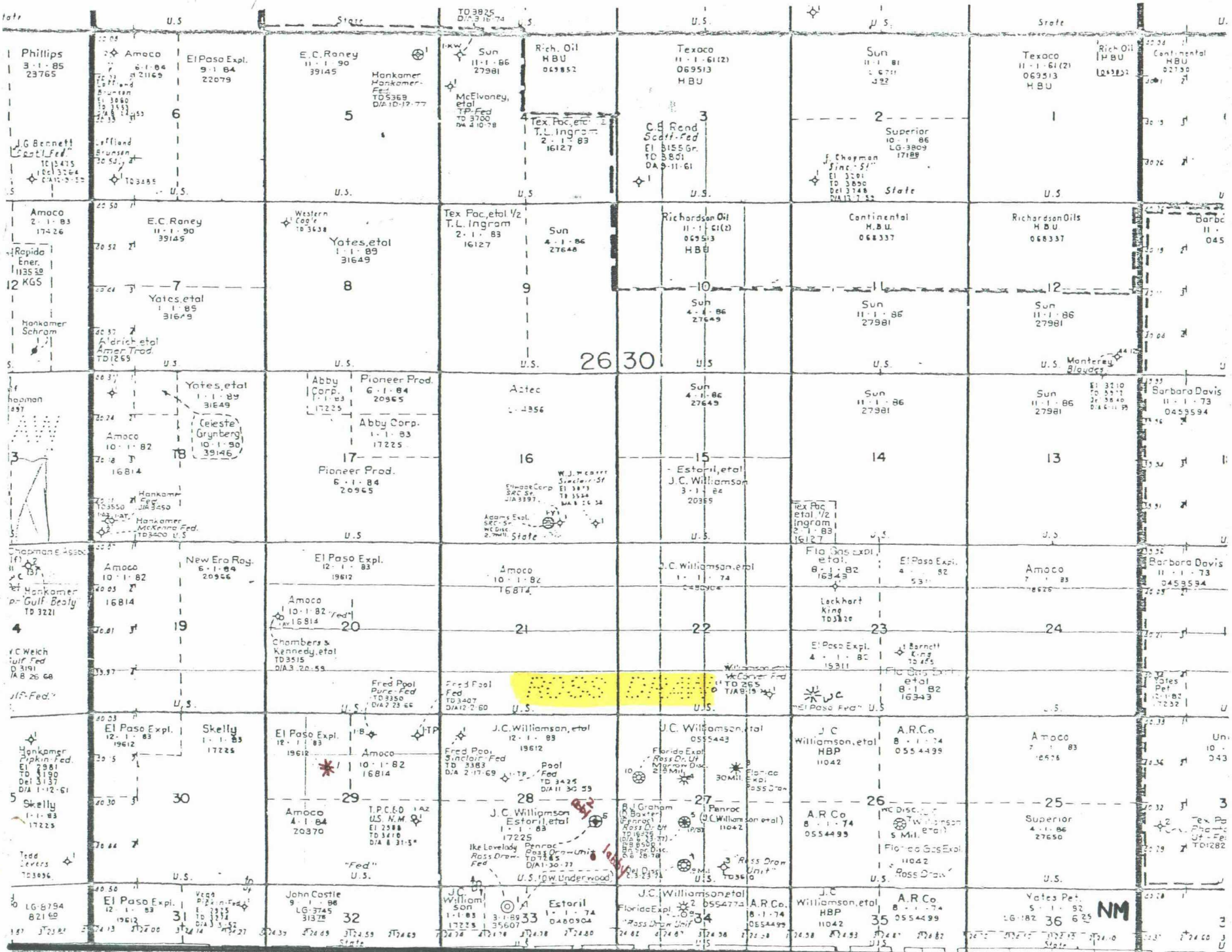
To

1.) P/A wells w/in ½ mi. radius of proposed SWD well.

2.) Proposed SWD WELL SCHEMATIC

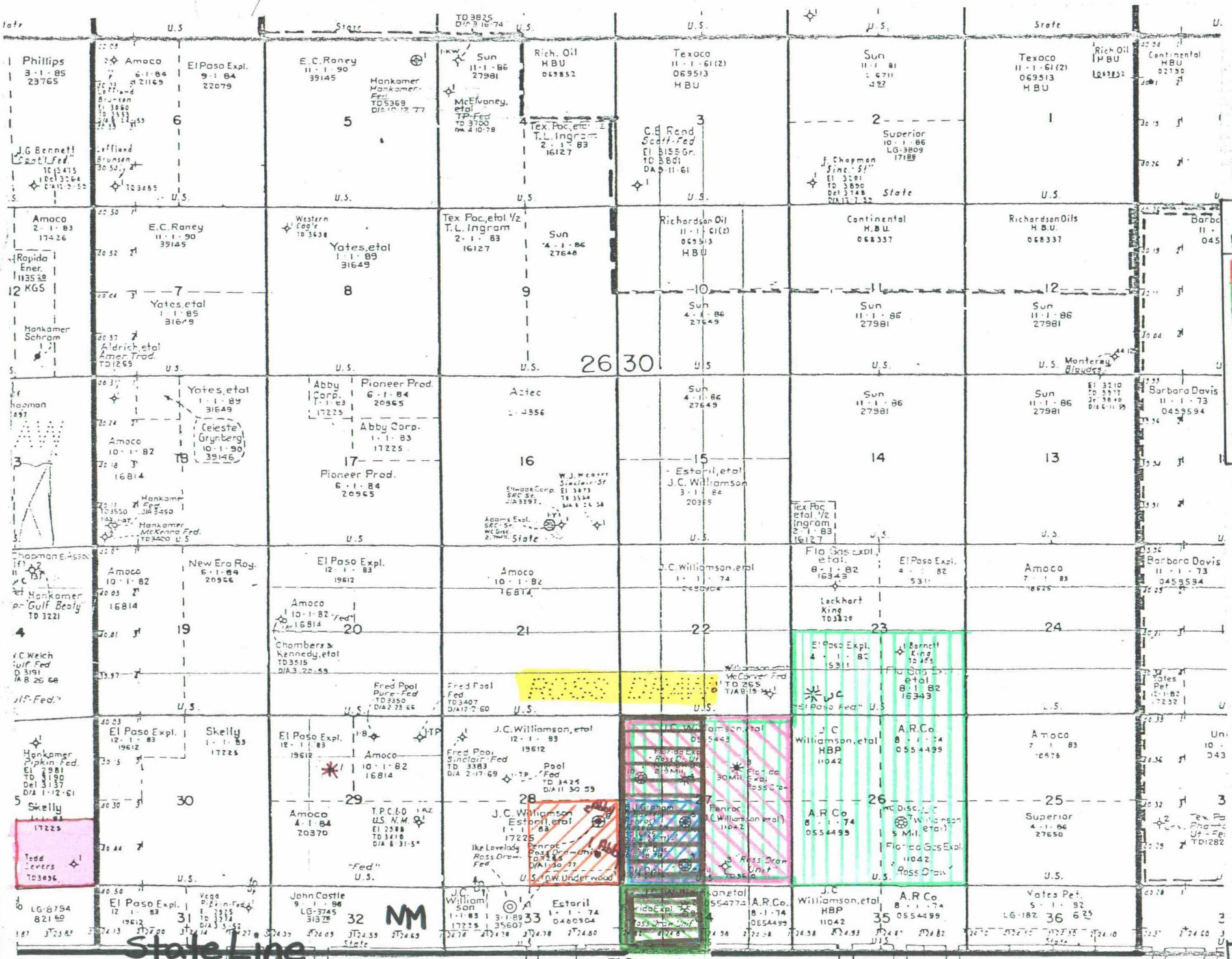
3.) Existing SWD WELL SCHEMATIC

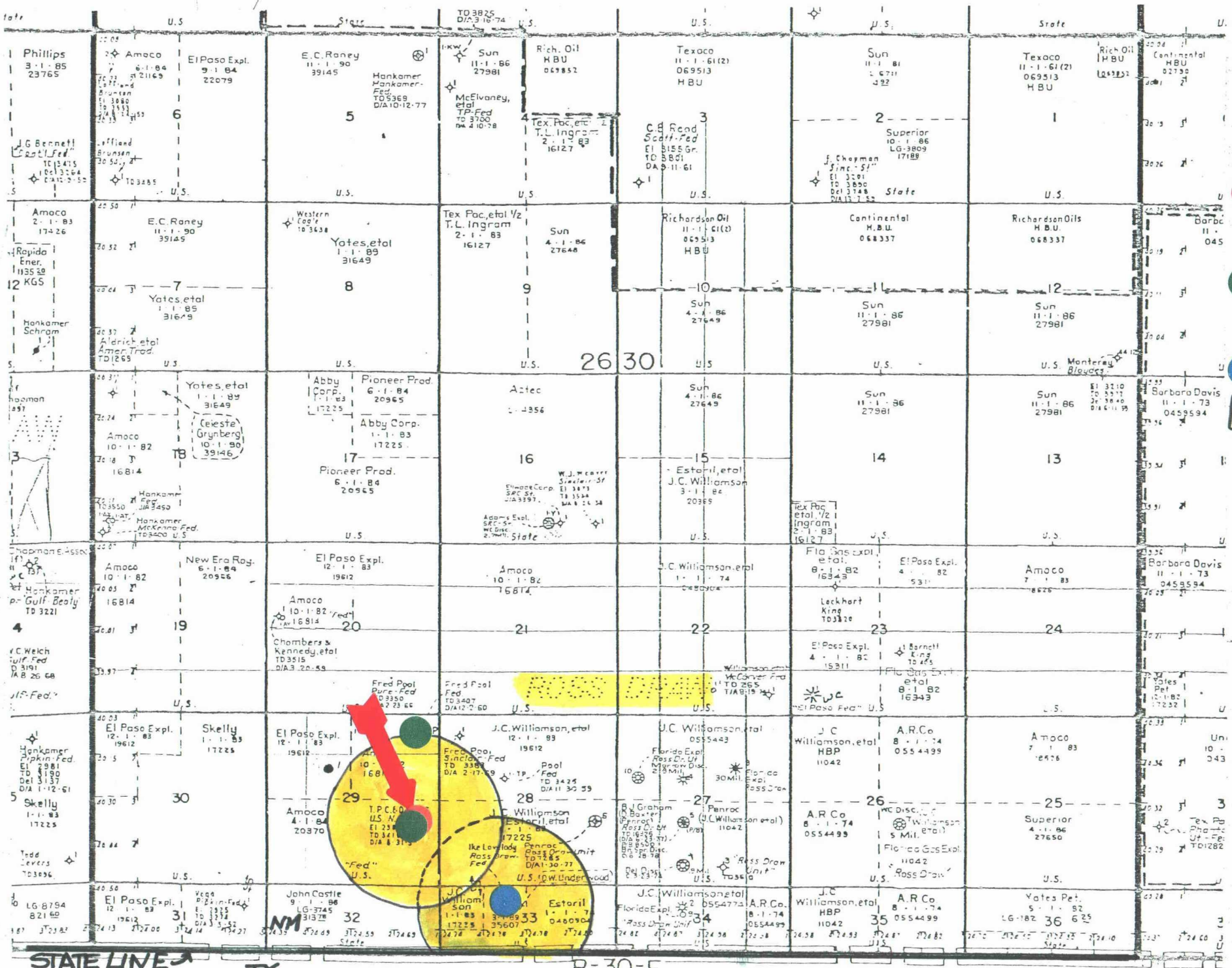
Comments: The P&A wells in the area of investigation do not have the most desirable plugging job. As in the case of the T.P. Fed #1 660 N&E of 29-26-30, Fred Pool [opr.], there is no pipe in the hole and all plugs are 60' not 100. ~~[illegible]~~. In the case of the T&P Coal&oil Co USA[NM]A #1 1980FS&660FE 29-26-30 it Is worse, the stub plug is set above the cutoff 15', leaving an easy migratory path fm. the ~~[illegible]~~ proposed inj interval to the borehole of said T&P well.



Ownership Map

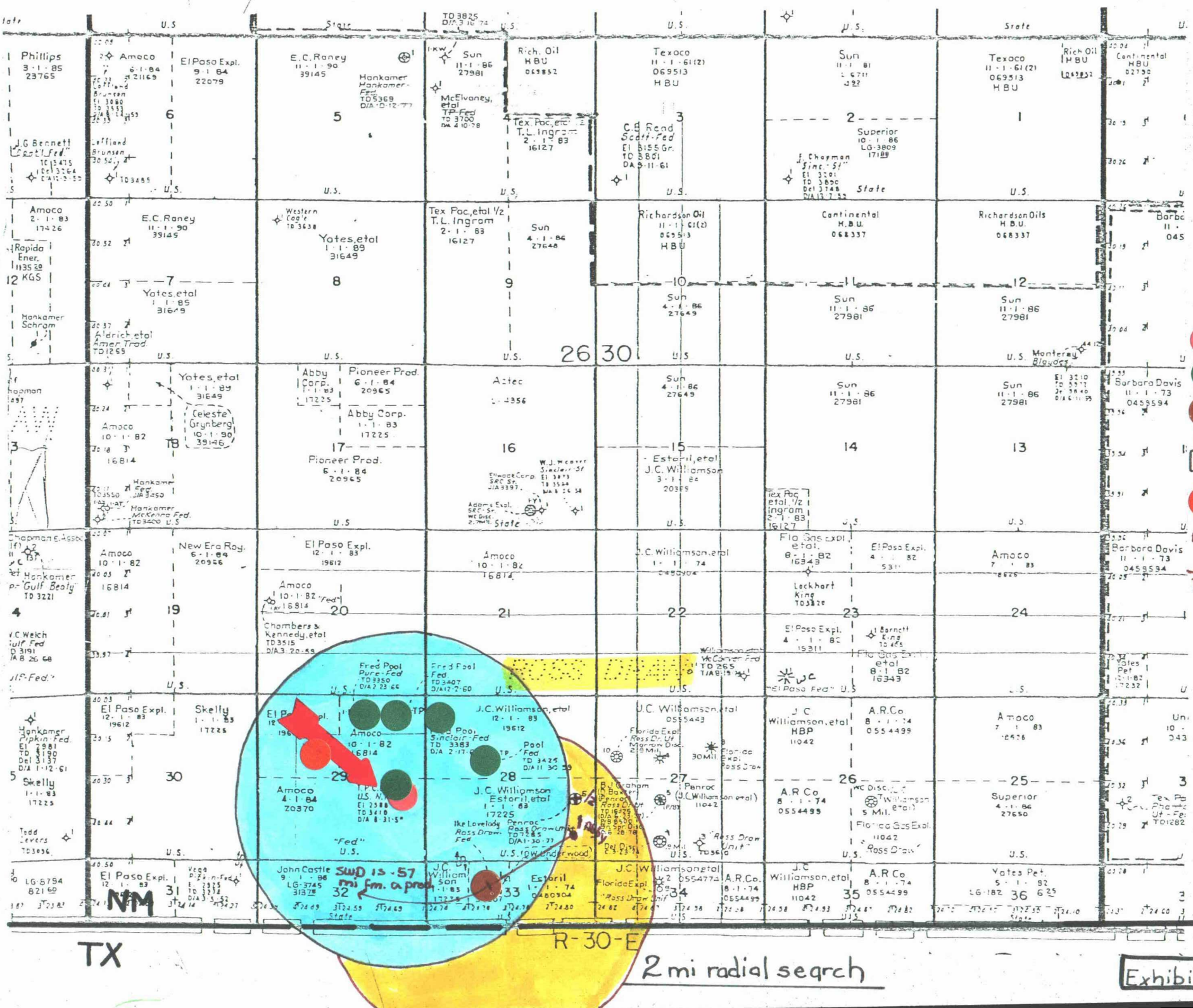
Exhibit I

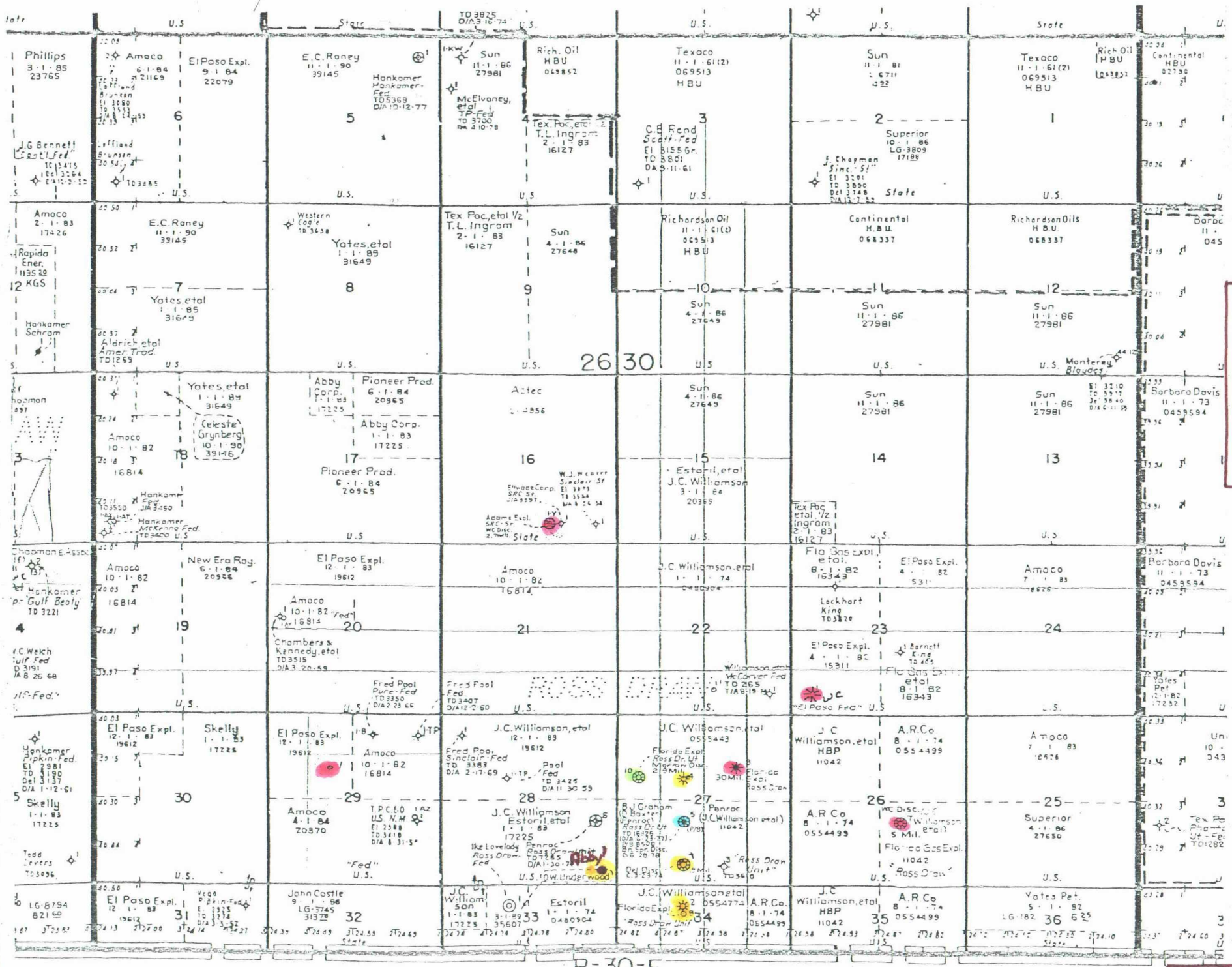

Horizontal Pool Limits
= West Ross Draw Del.
= Ross Draw Del.
= Ross Draw Del. Gas
= Ross Draw Bone Spring Gas
= Ross Draw Morrow Gas
= Ross Draw Wolfcamp Gas
= Brushy Draw Del. Oil
ROSS DRAW
State Line
TX
NM
R-30-E
Exhibit II



1 mile radial search

Exhibit III


= Proposed disposal well
= P/A wells w/in 2mi cir
= Existing disposal well [BBC/ST. LINE LTD]
= SI GAS WELL [wol FCamp]
Produ
SWD is .57 mi fm. a prod.
NM
TX
R-30-E
ST. LI
2 mi radial search
Exhibit IV


RESERVOIRS
= Del. oil or gas
= Bone Spr. gas
= Wolfcamp gas
= Morrow gas
R-30-E
Exhibit V

Well History Summary Sheet

Operator Fred Pool Well Name & # T.P FED Lease # 1

Made By _____ Date _____

Location 29-26-30 660 FN & E L

Spud Date _____ Compl. Date 1-15-61 TD _____ PBTD _____

Type Well: Oil ____ Gas ____ Other D&A Field _____

I P _____ Zone _____

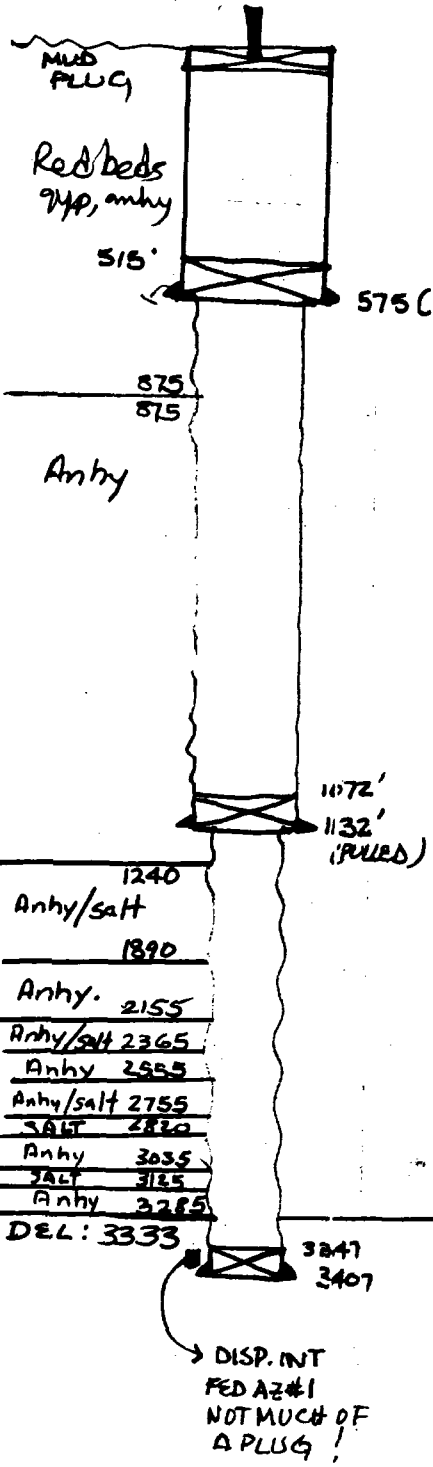
Perfs.: _____ Total Holes _____

Stimulation _____

Cumul. Oil _____ MCF _____ Water _____

Recent Test _____ Lift Equipment _____

Misc. _____



Drive or Conductor

_____" @ _____'

Surface: 10 3/4 "

36 # Gr.

@ 575' Cmt. w/

MUDDED Sx. TOC —

Hole Size 12 1/4"

Max Mud Wt. _____ #/G

Intermediate:

8 5/8", 24 #

Gr _____ @ 1132

Cmt w/ _____ Sx.

TOC @ MUDDED Hole

Size _____", Max Mud

Wt. _____ #/G

Liner: _____"

From _____' To

_____", _____#

_____ Gr., Cmt. w/

_____ Sx. TOC @

_____' Hole Size

_____", Max Mud

Wt. _____ #/G

Production: _____",

_____#, _____ Gr.

@ _____ Cmt. w/

_____ Sx, TOC @

_____ Hole Size

_____ Mx Mud Wt.

_____ #/G

TD 3407'

WELL HISTORY

60' PLUG 3407 - 3347

60' PLUG 1132 - 1072

60' PLUG 575 - 515

MUD PLUG @ SUR.

P/A

[NO CASING LEFT IN HOLE]

Tubing _____", _____#, _____ Gr. @ _____

Tubing _____", _____#, _____ Gr. @ _____

Packer @ _____

Well History Summary Sheet

Operator Fred Pool Well Name & # T.P FED Lease # 1

Made By Date

Location 29-26-30 660 FN & E L

Spud Date Compl. Date 1-15-61 TD PBTD

Type Well: Oil Gas Other D&A Field

I P Zone

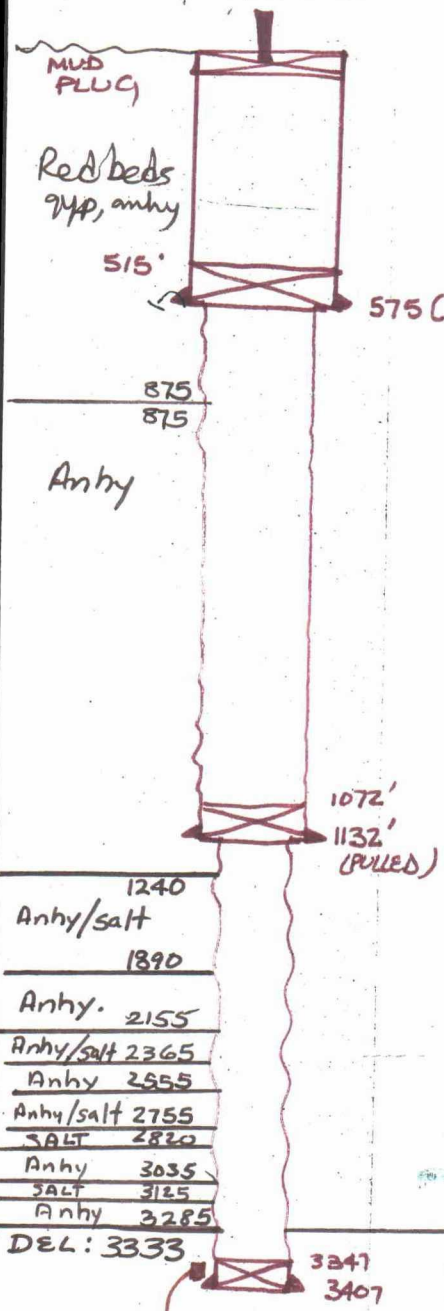
Perfs.: Total Holes

Stimulation

Cumul. Oil MCF Water

Recent Test Lift Equipment

Misc.



Drive or Conductor

" @ '

Surface: 10 3/4 "

36 # Gr.

@ — 575' Cmt. w/

MUDDED Sx. TOC —

Hole Size 12 1/4" "

Max Mud Wt. #/G

Intermediate:

8 5/8", 24 #

Gr @ 1132

Cmt w/ Sx.

TOC @ MUDDED REC, Hole

Size ", Max Mud

Wt. #/G

Liner: "

From ' To

', #

Gr., Cmt. w/

Sx. TOC @

' Hole Size

", Max Mud

Wt. #/G

Production: ",

#, Gr.

@ , Cmt. w/

Sx, TOC @

, Hole Size

Mx Mud Wt.

#/G

TD 3407 '

WELL HISTORY

60' PLUG 3407 - 3347

60' PLUG 1132 - 1072

60' PLUG 575 - 515

MUD PLUG @ SUR.

P/A

[NO CASING LEFT IN HOLE.]

Tubing ", #, Gr, @

Tubing ", #, Gr, @

Packer @

Well History Summary Sheet

Operator T&P COAL CO. Well Name & # U.S.A (NM) A Lease # 1

Made By Larry Brooks Date 9/5/84

Location 1980 FS & 660 FE 29-26-30

Spud Date _____ Compl. Date _____ TD _____ PBTD _____

Type Well: Oil ____ Gas ____ Other _____ Field _____

I P _____ Zone _____

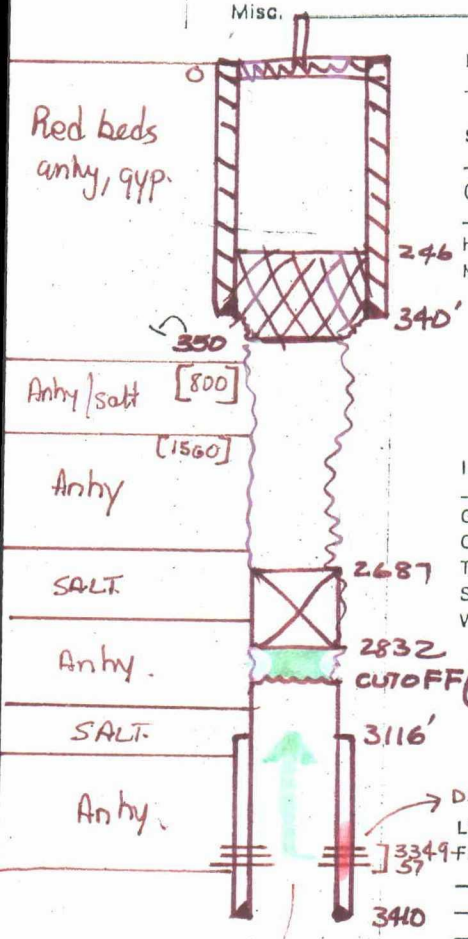
Perfs.: 3349-3357 Total Holes _____

Stimulation _____

Cumul. Oil _____ MCF _____ Water _____

Recent Test _____ Lift Equipment _____

Misc. _____



Drive or Conductor

_____" @ _____'

Surface: 9 5/8 "

_____# Gr. _____

@ 340 Cmt. w/

350 Sx.TOC circ

Hole Size _____"

Max Mud Wt. _____ #/G

Intermediate:

_____", _____#

Gr _____ @ _____

Cmt w/ _____ Sx.

TOC @ _____, Hole

Size _____", Max Mud

Wt. _____ #/G

DISP. INT [FED A2]

Liner: _____"

From _____' To

_____', _____#

_____ Gr., Cmt. w/

_____ Sx. TOC @

_____' Hole Size

_____", Max Mud

Wt. _____ #/G

FILE DOES NOT INDICATE A SQUEEZE JOB ON PERFS IF PERFS OPEN H_2O COULD MIGRATE UP INTO THE ANHY ZONE IN GREEN

Production: 5 1/2 ",

14 #, J-55 Gr.

@ 3410, Cmt. w/

150 Sx, TOC @

3116, Hole Size

7 3/4 Mx Mud Wt.

_____ #/G , Tubing _____", _____#, _____ Gr, @ _____

Tubing _____", _____#, _____ Gr, @ _____

TD _____'

Packer @ _____

WELL HISTORY

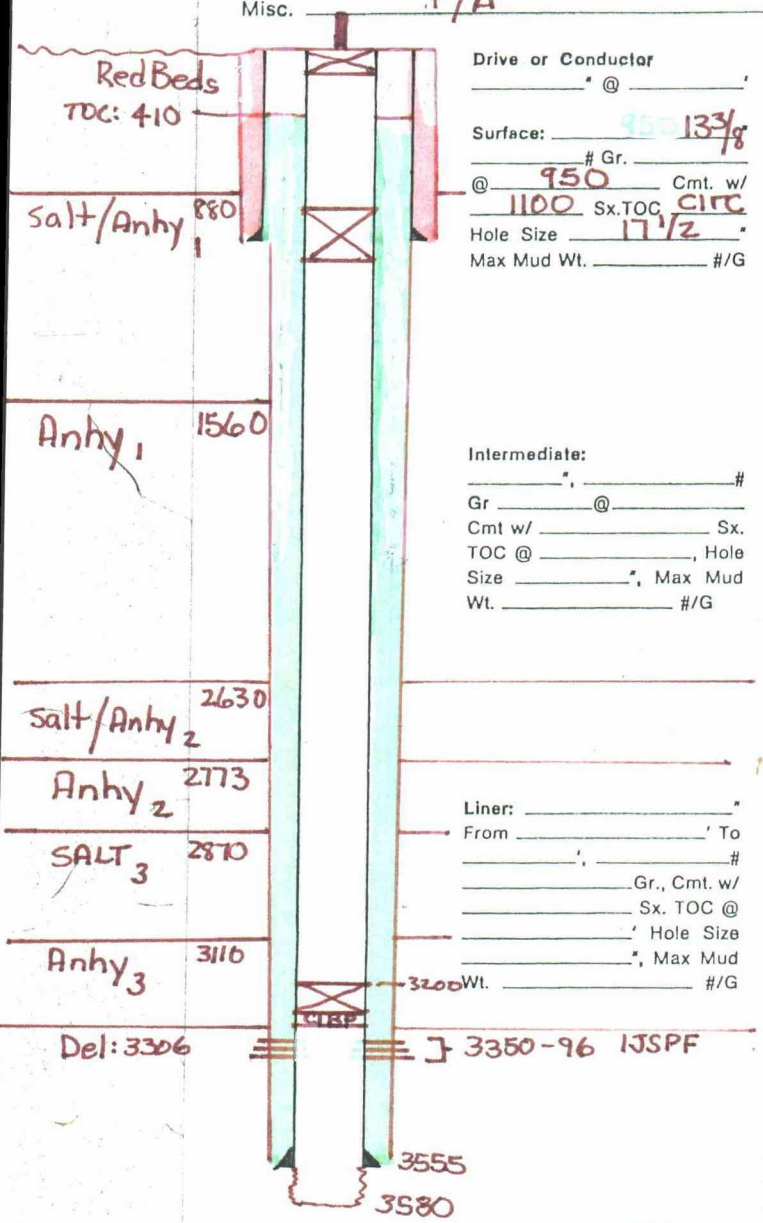
CUTOFF 2847

P/A 15 SXS @ 2832',
35 SXS @ 350
10 SXS @ SUR.

P/A

Well History Summary Sheet

Operator Amoco Prod Co Well Name & # Fed AZ Lease # 1
TO BE BBC SWD WELL Made By Larry Brooks Date 9/7/84
Location I - 29-26-30 2080 FS & 660 FE
Spud Date 6-1-80 Compl. Date 7-1-80 TD 3555 PBTD 3520
Type Well: Oil ✓ Gas ____ Other ____ Field wildcat Del.
I P 44 bbls oil, 418 Barrels of H_2O - 0 in 6 days Zone Bell Can.
Perfs.: 3350-96 Total Holes 46 1JSPF
Stimulation 6500 gals acid
Cumul. Oil 44 MCF ____ Water 766
Recent Test ____ Lift Equipment ____
Misc. P/A



Drive or Conductor
____" @ ____'

Surface: 13 3/8 ____# Gr. ____ @ 950 Cmt. w/ 1100 Sx. TOC CIRC
Hole Size 17 1/2 "
Max Mud Wt. ____ #/G

Intermediate:
____", ____#
Gr ____ @ ____
Cmt w/ ____ Sx.
TOC @ ____, Hole Size ____", Max Mud Wt. ____ #/G

Liner: ____"
From ____' To ____', ____#
____ Gr., Cmt. w/ ____ Sx. TOC @ ____' Hole Size ____", Max Mud Wt. ____ #/G

Production: 9 5/8 ", ____# ____ Gr. @ 3555 Cmt. w/ ____ Sx, TOC @ 410 Hole Size ____ Mx Mud Wt. ____ #/G

TD 3580

WELL HISTORY

P/A 12-28-82
CIBP @ 3300 w/ 100' CMT ON TOP
100' plug fm. 1000-900'
50' CMT PLUG @ SUR.

TOPS / LB
DEL : 3306
Anhy 3 : 3110
SALT 3 : 2870
Anhy 2 : 2773
SALT/Anh. 2 : 2630
Anhy 1 : 1560
Anhy/Salt 1 : 880

Proposed SWD

Tubing ____", ____#, ____ Gr, @ ____
Tubing ____", ____#, ____ Gr, @ ____
Packer @ ____

Well History Summary Sheet

Operator ST. LINE LTD. [BBC] Well Name & # ROSS DRAW SWD Lease # 1

Made By Larry Brooks Date 9/7/84

Location

Spud Date Compl. Date TD PBTD

Type Well: Oil Gas Other Field

I P Zone

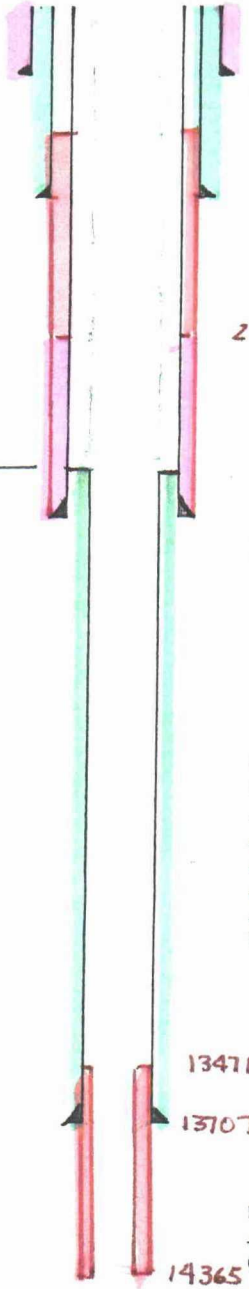
Perfs.: Total Holes

Stimulation

Cumul. Oil MCF Water

Recent Test Lift Equipment

Misc.



Drive or Conductor
20 " @ 70 '

Surface: 13 3/8 "
68 # Gr. K-55
@ 3290 Cmt. w/
3515 Sx. TOC circ. 600 sks.
Hole Size 17 1/2 "
Max Mud Wt. #/G

2 stg. tool @ 5996

Intermediate:
9 5/8 ", 53.5 #
Gr N-80 S-95 @ 11580
Cmt w/ 2980 Sx.
TOC @ 2243 calc, Hole
Size 12 1/4 ", Max Mud
Wt. #/G

Liner:
From 11371 (TOP) ' To
13707 ', 39 #
P-110 Gr., Cmt. w/
630 Sx. TOC @
11371 ' Hole Size
8 1/2 ", Max Mud
Wt. #/G

Production: 4½" liner ",
#, Gr.
@ 13707, Cmt. w/
150 Sx, TOC @
, Hole Size
Mx Mud Wt.
#/G

TD 14365 '

WELL HISTORY

Existing SWD

Tubing ", #, Gr, @
Tubing ", #, Gr, @
Packer @

Memo

From
Larry Brooks
Geologist

To

Producers & P/A wells w/in
1 mile radius of
proposed SWD well and
existing Ross Draw Fed. #1

Oil Conservation Division Artesia, New Mexico 88210
Drawer DD

Well History Summary Sheet

Operator ST. LINE LTD. [BBC] Well Name & # ROSS DRAW SWD Lease # 1

Made By Larry Brooks Date 9/7/84

Location C 660 FN 1980 FW

Spud Date _____ Compl. Date _____ TD _____ PBTD _____

Type Well: Oil _____ Gas _____ Other _____ Field _____

I P _____ Zone _____

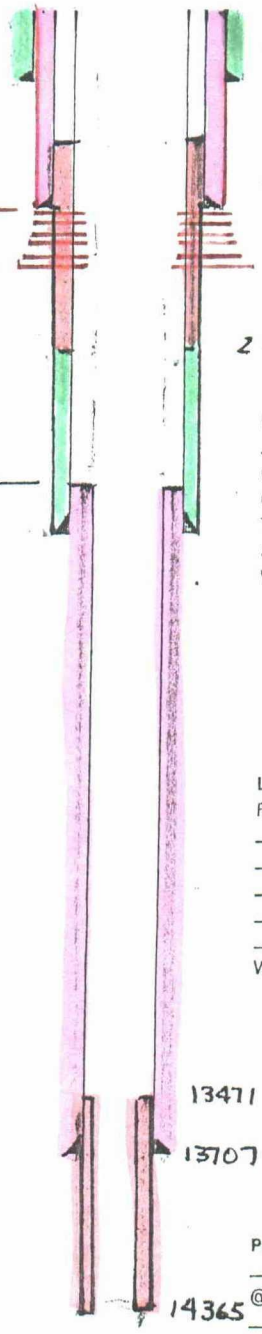
Perfs.: _____ Total Holes _____

Stimulation _____

Cumul. Oil _____ MCF _____ Water _____

Recent Test _____ Lift Equipment _____

Misc. _____



Drive or Conductor
20 " @ 70 '

Surface: 13 3/8 "
68 # Gr. K-55
@ 3290 Cmt. w/
3515 Sx. TOC circ. 600 sks.
Hole Size 17 1/2 "
Max Mud Wt. _____ #/G

2 stg. tool @ 5996

Intermediate:
9 5/8 ", 53.5 #
Gr N-80 S-95 @ 11580
Cmt w/ 2980 Sx.
TOC @ 2243 calc, Hole
Size 12 1/4 ", Max Mud
Wt. _____ #/G

Liner: 7 7/8 "
From 11371 (TOP) To
13707 ', 39 #
P-110 Gr., Cmt. w/
630 Sx. TOC @
11371 ' Hole Size
8 1/2 ", Max Mud
Wt. _____ #/G

Production: 4½" liner
_____ #, _____ Gr.
@ 13707 Cmt. w/
150 Sx, TOC @
_____ Hole Size
_____ Mx Mud Wt.
_____ #/G

TD 14365

WELL HISTORY

Existing SWD

TOC BY BOND LOG AT:

Tubing _____ ", _____ #, _____ Gr, @ _____
Tubing _____ ", _____ #, _____ Gr, @ _____
Packer @ _____

Well History Summary Sheet

Operator: Amoco Prod Co Well Name & #: Fed BF Com. Lease #: 1

Made By: Larry Brooks Date: 9/7/84

Location: F-29-26-30 1650 FN & 1850 FW

Spud Date: 5-28-82 Compl. Date: 10-07-82 TD: 14418 PBTD: 12850

Type Well: Oil ____ Gas ✓ Other ____ Field: Wildcat Wolfcamp

I P: 135 mcf Zone: Wolfcamp

Perfs.: 11680-690, 11694-700, 11898, 11918 Total Holes ____

Stimulation ____

Cumul. Oil ____ MCF ____ Water ____

Recent Test ____ Lift Equipment ____

Misc. ____

Red beds

850

Salt, gyp, anhy (circ)

3285

DEL: 3285

Drive or Conductor

____" @ ____'

Surface: 20"
94 # Gr. J-55
@ 395 Cmt. w/
900 Sx. TOC circ
Hole Size 26"
Max Mud Wt. ____ #/G

1500' TOC on 9 5/8"

Intermediate: 13 3/8", 54.5 #
Gr K-55 @ 3260
Cmt w/ 2950 Sx.
TOC @ circ, Hole
Size 17 1/2", Max Mud
Wt. ____ #/G

Long Int. 9 5/8 @ 10750 pumped 1475 sks cmt TOC 1500

Liner: 7"
From 10225' To
13599', 34.5 #
P-110 Gr., Cmt. w/
1100 Sx. TOC @
10225' Hole Size
8 1/2", Max Mud
Wt. ____ #/G

10750

Production: ____",
____#, ____ Gr.
@ ____, Cmt. w/
____ Sx, TOC @
____, Hole Size
____ Mx Mud Wt.
____ #/G

12861 TOC

CIBP 13000

TD ~~13500~~ 14418'

14418

WELL HISTORY

Del. : 3285
BS - 7040
3rd BS. 9880

Producer

Tubing ____", ____#, ____ Gr, @ ____
Tubing ____", ____#, ____ Gr, @ ____
Packer @ ____

Well History Summary Sheet

Operator J.C. Williamson Well Name & # Abby Fed. Lease # 1

Made By Larry Brooks Date 9/7/84

Location

Spud Date 12-20-82 Compl. Date 2-5-83 TD 5770 PBTD 5400

Type Well: Oil ✓ Gas ____ Other ____ Field W. ROSS DRAW-DEL

I P 4888-4915 510 756 157 H2O Zone Cherry Can.

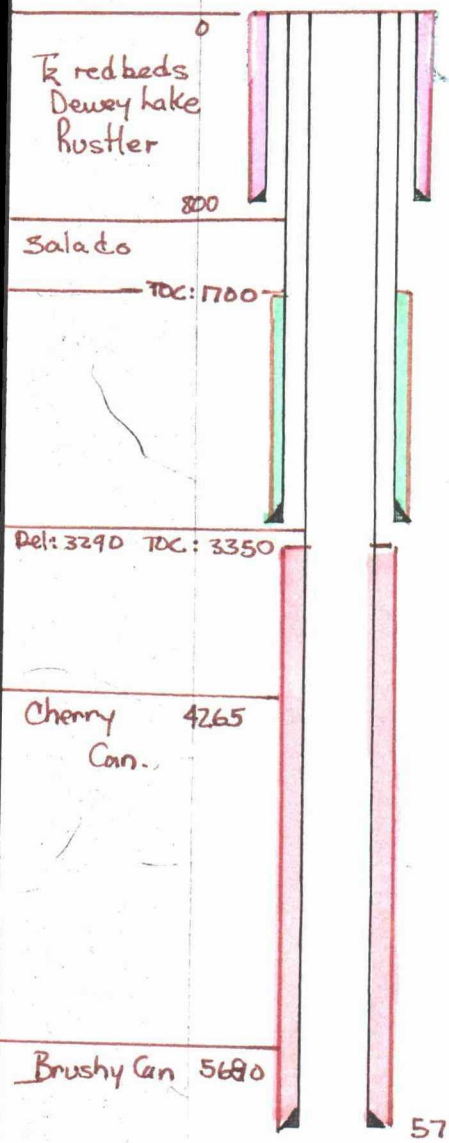
Perfs.: ____ Total Holes ____

Stimulation 2500 gals acid + 25000 & 50000# sd.

Cumul. Oil ____ MCF ____ Water ____

Recent Test ____ Lift Equipment ____

Misc.



Drive or Conductor

____" @ ____'

Surface: 12 3/4 "

____# Gr. ____

@ 365 Cmt. w/

350 Sx.TOC CIRC

Hole Size ____"

Max Mud Wt. ____ #/G

Intermediate:

8 5/8 ", ____#

Gr ____ @ 3230

Cmt w/ 300 Sx.

TOC @ 1700, Hole

Size ____", Max Mud

Wt. ____ #/G

Liner: ____"

From ____' To

____', ____#

____Gr., Cmt. w/

____ Sx. TOC @

____' Hole Size

____", Max Mud

Wt. ____ #/G

Production: 4 1/2 ",

____#, ____ Gr.

@ 5770, Cmt. w/

700 Sx, TOC @

3350, Hole Size

____Mx Mud Wt.

____ #/G , Tubing ____", ____#, ____ Gr, @ ____

Tubing ____", ____#, ____ Gr, @ ____

TD 5770 . Packer @ ____

WELL HISTORY

Santa Rosa, Dewey Lk. Rustler 0-802
SALADO 800-1520
1520 - 3290 CASTILE
3290 - 4265 - Bell Can.
4265 - 5680 Cherry Can.
5680 - TD Brushy Can.

Producer

Well History Summary Sheet

Operator Fred Pool Well Name & # Pure Fed. #1 Lease #

Made By Larry Brooks Date 9/5/84

Location 660FN & 2005 FE 29-26-30

Spud Date 11-29-65 Compl. Date 2-23-66 TD 3339 PBTD

Type Well: Oil Gas Other DRY Field WILDCAT DEL

I P N/A Zone —

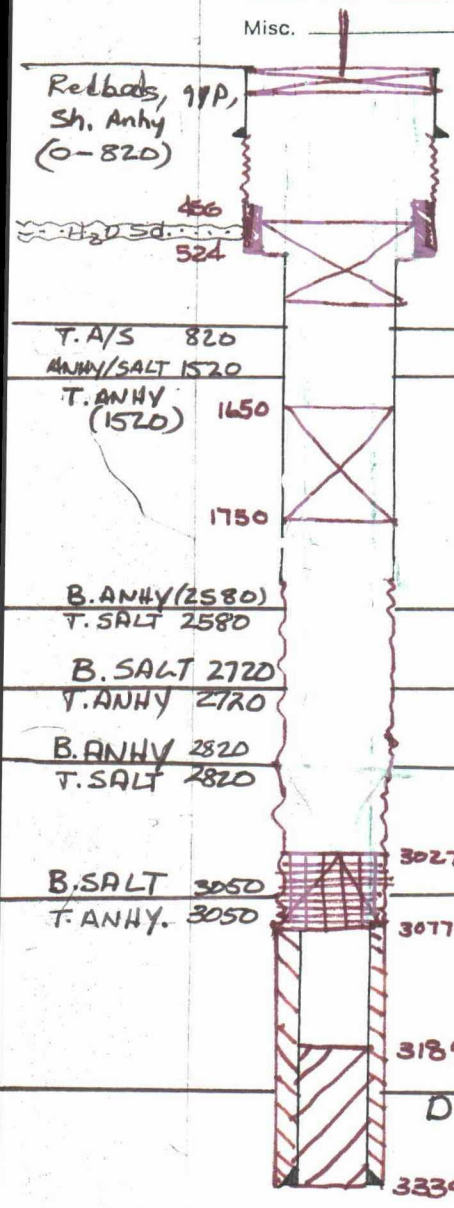
Perfs.: — Total Holes —

Stimulation

Cumul. Oil MCF Water

Recent Test Lift Equipment

Misc.



Drive or Conductor

" @ '

Surface: 10 3/4 ", 40 # Gr. J-55 @ 524' Cmt. w/ 50 Sx.TOC

Hole Size "

Max Mud Wt. #/G

Intermediate:

", #

Gr @

Cmt w/ Sx.

TOC @ , Hole Size ", Max Mud Wt. #/G

Liner: "

From ' To

', #

Gr., Cmt. w/ Sx. TOC @

' Hole Size

", Max Mud Wt. #/G

Production: 5 1/2 ", 14 #, J-55 Gr. @ 3339, Cmt. w/ 50 Sx, TOC @ 3077, Hole Size

Mx Mud Wt.

#/G , Tubing ", #, Gr, @

Tubing ", #, Gr, @

TD ' Packer @

WELL HISTORY

P&A 2-3-66
100' @ 3350-3250
100' across cutoff
100' 1650-1750
100' 470-570
20' @ sur w/ mkr.

D/A 150' @ TD
REC. 3077' of 5 1/2
50' plug @ 3077
100' plug @ 1650-1750
Rec. 456' of 10 3/4
100' plug @ 470-570
30' cmt plug @ sur.

H_2O Sd. @ 468-477.

P/A

Well History Summary Sheet

Operator J.C. WILLIAMSON Well Name & # Abby Fed Lease # 2

Made By Larry Brooks Date 9/7/84

Location I-28-26-30

Spud Date 12-30-76 Compl. Date 1-26-77 P/A TD _____ PBTD _____

Type Well: Oil _____ Gas _____ Other _____ Field _____

I P _____ Zone _____

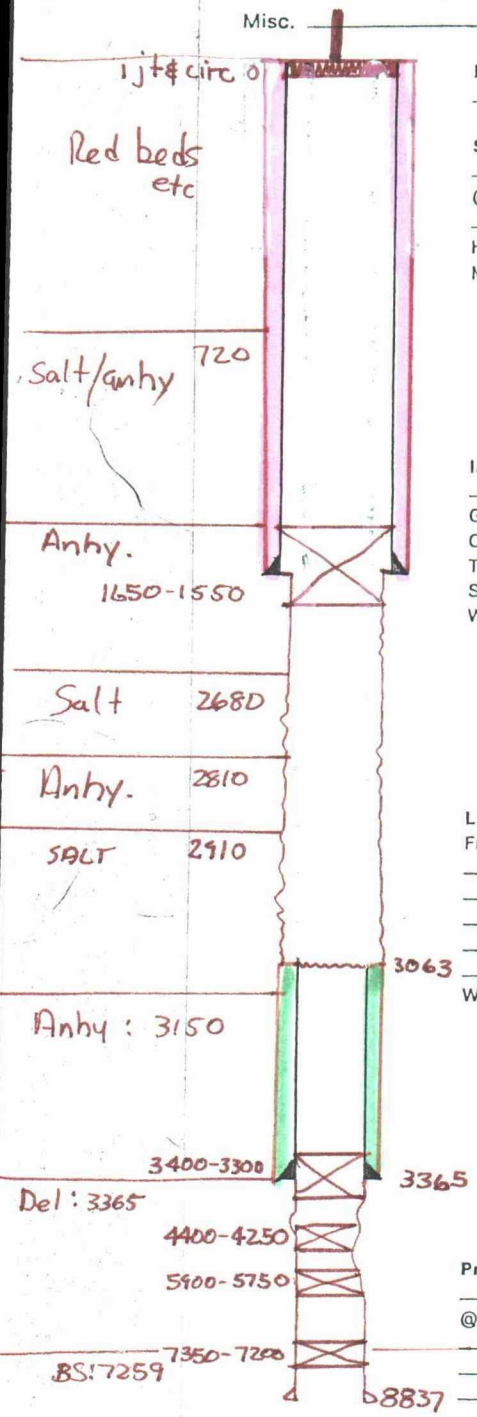
Perfs.: _____ Total Holes _____

Stimulation _____

Cumul. Oil _____ MCF _____ Water _____

Recent Test _____ Lift Equipment _____

Misc. _____



Drive or Conductor

_____" @ _____'

Surface: _____"

_____# Gr. _____

@ _____ Cmt. w/

_____ Sx.TOC _____

Hole Size _____"

Max Mud Wt. _____ #/G

Intermediate:

_____", _____#

Gr _____ @ 1600'

Cmt w/ 675 Sx.

TOC @ CIRC, Hole

Size _____", Max Mud

Wt. _____ #/G

Liner: _____"

From _____' To

_____', _____#

_____Gr., Cmt. w/

_____ Sx. TOC @

_____' Hole Size

_____", Max Mud

Wt. _____ #/G

Production: 7"

_____", _____#, _____ Gr.

@ 3365, Cmt. w/

400 Sx, TOC @

3063, Hole Size

_____Mx Mud Wt.

_____ #/G

TD 8837'

WELL HISTORY

Re entered 7-4-77 P/A 7-5-77

Plugs set:

7350-7250
5900-5750
4400-4250
3400-3300
1650-1550
20'-SUR.

P/A

, Tubing _____", _____#, _____ Gr, @ _____

Tubing _____", _____#, _____ Gr, @ _____

Packer @ _____

Well History Summary Sheet

Operator Fred Pool Well Name & # Fed. TP Lease # 1

Made By Larry Brooks Date 9/5/84

Location 1980 FN & W L 28-26-30

Spud Date _____ Compl. Date _____ TD _____ PBTD _____

Type Well: Oil _____ Gas _____ Other _____ Field _____

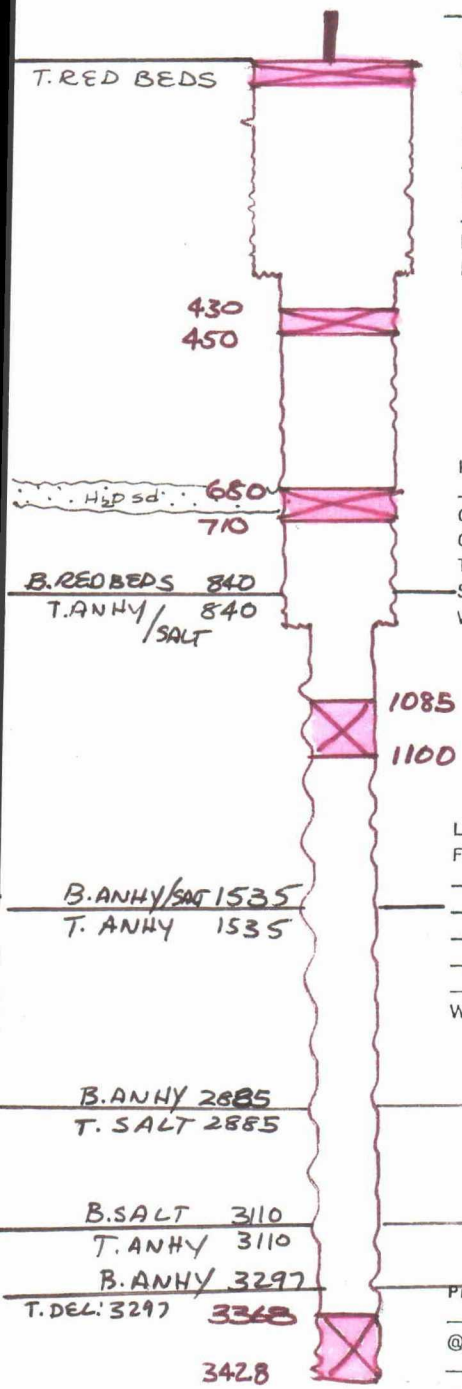
I P _____ Zone _____

Perfs.: _____ Total Holes _____

Stimulation _____

Cumul. Oil _____ MCF _____ Water _____

Recent Test _____ Lift Equipment _____



Drive or Conductor

_____" @ _____'

Surface: 10 3/4 "

_____# Gr. _____

@ 290' Cmt. w/

PULLED Sx. TOC _____

Hole Size _____"

Max Mud Wt. _____ #/G

Intermediate:

8 5/8", _____#

Gr _____ @ 987

Cmt w/ PULLED Sx.

TOC @ _____, Hole

Size _____", Max Mud

Wt. _____ #/G

Liner: _____"

From _____' To

_____', _____#

_____ Gr., Cmt. w/

_____ Sx. TOC @

_____' Hole Size

_____", Max Mud

Wt. _____ #/G

Production: _____",

_____#, _____ Gr.

@ _____, Cmt. w/

_____ Sx, TOC @

_____, Hole Size

_____ Mx Mud Wt.

_____ #/G

TD _____'

WELL HISTORY

60' PLUG 3365-3428
15' PLUG @ 1100
30' PLUG @ 680-710
20' PLUG @ 450-430
10 SXS @ SURFACE

H_2O sds 680-700'

DEL. 3297

P/A

Tubing _____", _____#, _____ Gr, @ _____

Tubing _____", _____#, _____ Gr, @ _____

Packer @ _____

Well History Summary Sheet

Operator Fred Pool Well Name & # Sinclair Fed. Lease # 1

Made By Larry Brooks Date 9/6/84

Location 660 FN&W 28-26-30

Spud Date 6-28-68 Compl. Date 8-20-68 TD 3400 PBTD

Type Well. Oil Gas Other Field

I P Zone

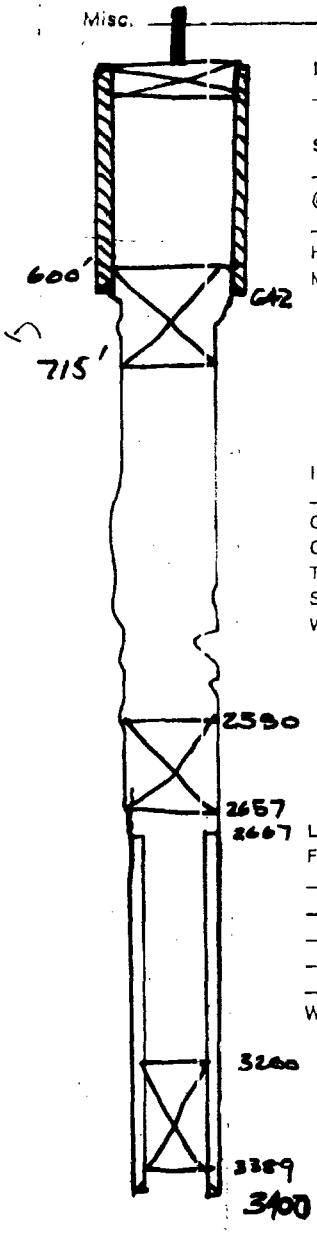
Perfs.: Total Holes

Stimulation

Cumul. Oil MCF Water

Recent Test Lift Equipment

Misc.



Drive or Conductor

" @ '

Surface: 8 5/8 "

24 # Gr.

@ 642 Cmt. w/

155 Sx.TOC circ

Hole Size "

Max Mud Wt. #/G

Intermediate:

", #

Gr @

Cmt w/ Sx.

TOC @ , Hole

Size ", Max Mud

Wt. #/G

Liner: "

From ' To

", #

Gr., Cmt. w/

Sx. TOC @

' Hole Size

", Max Mud

Wt. #/G

Production: 4 1/2 ",

#, Gr.

@ 3400 Cmt. w/

100 Sx, TOC @

2667 , Hole Size

7" Mx Mud Wt.

#/G

TD '

WELL HISTORY

Btm plug 3389 - 3200
2657 - 2590
715 - 600
30' @ SUR.

No Drillers Log !!

Same strata as other P/A wells

, Tubing ", #, Gr. @

Tubing ", #, Gr. @

Packer @